



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 15, 2018, 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 15, 2018
6:00 P.M.**

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

- I. Roll Call
- II. Tentative Draft Fiscal Year 2018-2019 Budget
- III. Other
- IV. Adjournment

Board/Agenda/Commission/COW1802.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 2018-2019
Tentative Draft Budget
May 1, 2018 to April 30, 2019**

March 1, 2018



DuPage Water Commission

MEMORANDUM

TO: Charter Customers and Bond Trustees

FROM: John Spatz, General Manager

DATE: March 1, 2018

SUBJECT: FY 2018-2019 Tentative Draft Management Budget

The Board of Commissioners is currently reviewing the tentative draft management budget for the fiscal year 2018-2019. 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 19, 2018 at 6:30 PM. If you have questions regarding the budget, please feel free to call me at (630) 834-0100.

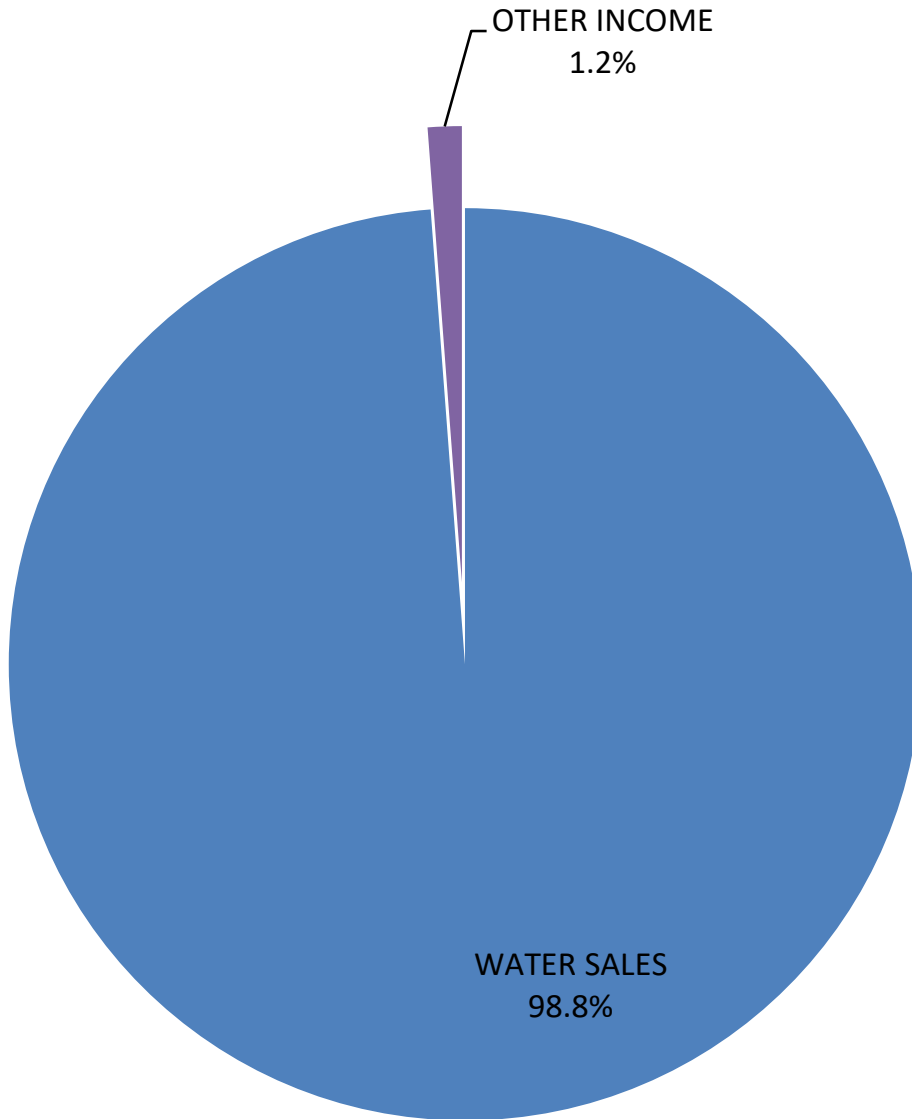
cc:

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

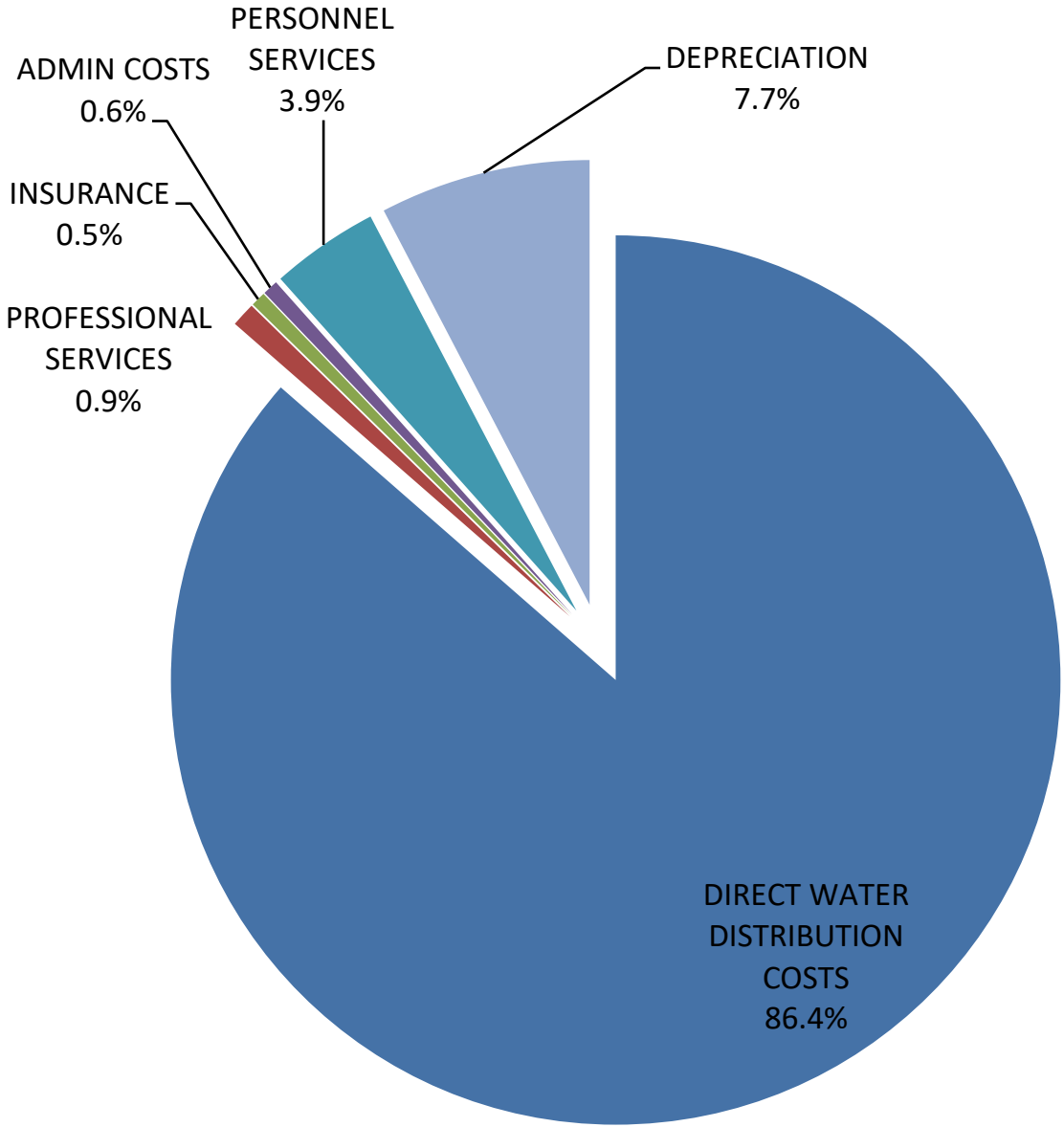
DuPage Water Commission
Tentative Draft Management Budget
May 1, 2018 to April 30, 2019
Executive Summary

- The Tentative Budget for fiscal year 2018-2019 strives to continue to hold the line on spending while maximizing efficiencies.
- With the Tentative Budget for fiscal year 2018-2019, the Commission is a self-sustaining water utility, operating almost entirely on our water sales only.
- Due to the actions of the Commission over the last seven years to control costs and aggressively pay down all debt, this Budget also reflects a total water rate that increases slightly from \$4.88 to \$4.94 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 2016 to 2017.
- Total budgeted revenues increase by \$1.6 million versus the fiscal year 2017-2018 budget. The main drivers are as follows:
 - On May 1, 2018, the total Charter Customer's water rate will increase from \$4.88 to \$4.94 per thousand gallons, with operations and maintenance rate being \$4.94 per thousand gallons and fixed cost equivalent remaining at \$0.00 per thousand gallons.
 - The interest income is budgeted to increase by \$0.1 million
 - The Commission budgeted water sales revenues are based upon water usage remaining the same as the last fiscal year.
- Total operating expenses (excluding construction) increase by \$1.7 million versus the fiscal year 2017-2018 budget. The main drivers are as follows:
 - The total budgeted costs for water purchased from the City of Chicago increases from \$100.5 million to \$101.1 million, which is a increase in that expense by \$0.6 million. This amount is based on the expectation of purchasing the same amount of water and a water rate increase from the previous year.
 - Personnel services are budgeted to increase by \$0.3 million related mainly to pension and medical benefits
 - Operating and Maintenance cost for the Lexington Pumping Station are budgeted to increase by \$0.3 million
 - Depreciation expenses are budgeted to increase by \$0.3 million from the previous fiscal year's budget due to recent completion of some capital projects.
 - All other budgeted operating expenditures are expected to increase by a total of \$0.2 million from the previous fiscal year's budget.
 - All capital construction expenditures for fiscal year 2018-2019 have remained separated from operating accounts. The Commission has also included a Five-Year Capital Improvement Plan for 2018-2023.

**DuPage Water Commission
2018-2019 Budget Projection
Revenues \$123,580,521**



**DuPage Water Commission
2018-2019 Budget Projection
Expenses \$123,462,215**



TOTAL REVENUES AND OPERATING EXPENSES. The Total Charter Customer water rate will increase on May 1, 2018 to \$4.94 per 1,000 gallons. The operation and maintenance component of the water rate is \$4.94 per 1,000 gallons and the fixed cost equivalent will remain at \$0.00 per 1,000 gallons. The rate increase is mainly a result of an increase in the water rate by the City of Chicago.

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

Total operating expenditures in the fiscal year 2018-2019 budget are expected to increase primarily due to water rate increases, higher depreciation costs and operation and maintenance related to the Lexington Pumping Station.

CONSTRUCTION EXPENDITURES

Construction projects for fiscal year 2018-2019 include Bartlett Connection Facilities, replacement of the SCADA system, as well as building improvements.

DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2018 TO APRIL 30, 2019

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 16-17 ACTUAL	WATER FUND FY 17-18 BUDGET	WATER FUND FY 17-18 PROJECTED	WATER FUND FY 18-19 BUDGET	% CHANGE	% CHANGE
							FY 17-18 VS PROJECTED	FY 17-18 VS FY 18-19 BUDGET
01	500000							
	REVENUES							
01	511000	PAGE 3	124,194,634	120,555,174	128,000,000	122,037,409	6.2%	1.2%
01	512000	PAGE 3	0	0	0	0	N/A	N/A
01	513000	PAGE 3	925,455	853,622	853,622	853,622	0.0%	0.0%
01	514000	PAGE 3	201,047	20,090	36,000	20,240	79.2%	0.7%
01	530010	PAGE 3	4,251,754	0	293,000	0	N/A	N/A
01	530030	PAGE 3	0	0	0	0	N/A	N/A
01	581000	PAGE 3	659,821	560,000	650,800	669,250	16.2%	19.5%
01	590000	PAGE 3	23,533	0	11,000	0	N/A	N/A
	592000	PAGE 3	0	0	0	0	N/A	N/A
	TOTAL REVENUE		130,256,244	121,988,886	129,844,422	123,580,521	6.4%	1.3%
01	60 600000							
	OPERATING EXPENDITURES							
01	60 600000	PAGE 5	0	0	0	0	N/A	N/A
01	60 610000	PAGE 5	4,201,056	4,536,638	4,378,813	4,849,064	-3.5%	6.9%
01	60 620000	PAGE 7	593,195	1,032,600	641,100	1,091,520	-37.9%	5.7%
01	60 640000	PAGE 8	540,414	659,800	549,847	663,800	-16.7%	0.6%
01	60 650000	PAGE 9	385,584	652,021	505,200	670,411	-22.5%	2.8%
01	60 660000	PAGE 10	105,745,058	105,636,435	111,076,432	106,717,370	5.1%	1.0%
01	60 670000	PAGE 11	43	0	0	0	N/A	N/A
01	60 680000	PAGE 11	5,340	15,450	6,500	15,450	-57.9%	0.0%
01	60 690000	PAGE 12	8,406,916	9,123,600	8,794,600	9,454,600	-3.6%	3.6%
	TOTAL OPERATING EXPENDITURES		119,877,606	121,656,544	125,952,491	123,462,215	3.5%	1.5%
01	60 700000	PAGE 13	0	0	0	0	N/A	N/A
	CONSTRUCTION EXPENDITURES							
	TOTAL EXPENDITURES		119,877,606	121,656,544	125,952,491	123,462,215	3.5%	1.5%
	NET OPERATING ACCOUNTING TRANSACTIONS		10,378,638	332,341	3,891,931	118,306	1071.1%	-64.4%

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 \$71.1 million in the 2018-2019 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, 2018 TO APRIL 30, 2019

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 16-17 ACTUAL	WATER FUND FY 17-18 BUDGET	WATER FUND FY 17-18 PROJECTED	WATER FUND FY 18-19 BUDGET	% CHANGE FY 17-18 BUDGET VS FY 17-18 PROJECTED	% CHANGE FY 17-18 BUDGET VS FY 18-19 BUDGET
	NET ASSETS BALANCE							
	NET CURRENT YEAR TRANSACTIONS	PAGE 1	10,378,638	332,341	3,891,931	118,306	1071.1%	-64.4%
	BEGINNING NET ASSET BALANCE		448,798,541	459,177,179	459,177,179	463,069,110	0.0%	0.8%
	ENDING NET ASSET BALANCE		459,177,179	459,509,520	463,069,110	463,187,416	0.8%	0.8%
	NET ASSETS BALANCE ANALYSIS							
	UNRESTRICTED ASSETS							
	BOARD DESIGNATED:							
	HELD FOR EMERGENCY REPAIRS		0	0	0	0	N/A	N/A
	OPERATING RESERVE		56,389,449	42,755,357	67,777,000	71,084,720	58.5%	66.3%
	LONG-TERM WATER CAPITAL RESERVE		10,113,085	12,025,000	12,549,000	14,125,000	4.4%	17.5%
	CAPITAL RESERVE		29,541,577	50,701,790	51,249,000	47,538,790	1.1%	-6.2%
	NON-BOARD DESIGNATED:							
01	421400		36,767,588	19,300,493	5,456,230	(16,244,174)	-71.7%	-184.2%
01	421000		132,811,699	124,782,640	137,031,230	116,504,336	9.8%	-6.6%
01	421000		132,811,699	124,782,640	137,031,230	116,504,336	9.8%	-6.6%
01	422000		0	0	0	0	N/A	N/A
01	423000		326,365,480	334,726,880	326,037,880	346,683,080	-2.6%	3.6%
	NET ASSETS BALANCE		459,177,179	459,509,520	463,069,110	463,187,416	0.8%	0.8%

WATER REVENUES. The Total Charter Customer water rate effective on May 1, 2018 is \$4.94 per 1,000 gallons, which is an \$0.06 increase from the prior fiscal year. The operation and maintenance component of the water rate is \$4.94 per 1,000 gallons and the fixed cost equivalent will remain at \$0.00 per 1,000 gallons. O&M revenues for fiscal year 2018-2019 are based on the water rate increase and water usage remaining unchanged from the numbers budgeted in the 2017-2018 fiscal year.

The Subsequent Customer Charges (Capital Cost Recovery Charge) represents accrued charges budgeted for customers that were added after the charter customers. 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 2018-2019 were budgeted due to the sun setting of the sales tax after June 1, 2016.

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 \$131 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.

OTHER INCOME/CONTRIBUTIONS. No other income is budgeted.

DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2018 TO APRIL 30, 2019

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 16-17 ACTUAL	WATER FUND FY 17-18 BUDGET	WATER FUND FY 17-18 PROJECTED	WATER FUND FY 18-19 BUDGET	% CHANGE FY 17-18 BUDGET VS FY 17-18 PROJECTED	% CHANGE FY 17-18 BUDGET VS FY 18-19 BUDGET
01	500000							
	REVENUES							
01	510000							
	WATER REVENUES							
01	511000		124,194,634	120,555,174	128,000,000	122,037,409	6.2%	1.2%
01	512000		0	0	0	0	N/A	N/A
01	513000		925,455	853,622	853,622	853,622	0.0%	0.0%
01	514000		201,047	20,090	36,000	20,240	79.2%	0.7%
01	530010		4,251,754	0	293,000	0	N/A	N/A
01	530030		0	0	0	0	N/A	N/A
01	580000							
	INVESTMENT EARNINGS							
01	581000		659,821	560,000	650,800	669,250	16.2%	19.5%
01	590000		23,533	0	11,000	0	N/A	N/A
	CONTRIBUTIONS		0	0	0	0	N/A	
	TOTAL REVENUE		130,256,244	121,988,886	129,844,422	123,580,521	6.4%	1.3%

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 2016 and 2017. 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, 2017 TO APRIL 30, 2018

EXHIBIT 1

CUSTOMER	2016 & 2017	2016 & 2017	REQUIRED	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:
	CALENDAR YEARS USE (1000 GAL)	CALENDAR YEARS % USAGE	\$0 AMOUNT TO BE RATE FUNDED \$0	05/31/18 DUE: 07/10/18	06/30/18 DUE: 08/10/18	07/31/18 DUE: 09/10/18	08/31/18 DUE: 10/10/18	09/30/18 DUE: 11/10/18	10/31/18 DUE: 12/10/18	11/30/18 DUE: 01/10/19	12/31/18 DUE: 02/10/19	01/31/19 DUE: 03/10/19	02/28/19 DUE: 04/10/19	03/31/19 DUE: 05/10/19	04/30/19 DUE: 06/10/19
ADDISON	2,216,679	4.2353%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BENSENVILLE	1,145,738	2.1891%	0	0	0	0	0	0	0	0	0	0	0	0	0
BLOOMINGDALE	1,470,354	2.8093%	0	0	0	0	0	0	0	0	0	0	0	0	0
CAROL STREAM	2,507,569	4.7911%	0	0	0	0	0	0	0	0	0	0	0	0	0
CLARENDON HILLS	501,484	0.9582%	0	0	0	0	0	0	0	0	0	0	0	0	0
DARIEN	1,330,488	2.5421%	0	0	0	0	0	0	0	0	0	0	0	0	0
DOWNERS GROVE	3,496,177	6.6800%	0	0	0	0	0	0	0	0	0	0	0	0	0
ELMHURST	3,006,186	5.7438%	0	0	0	0	0	0	0	0	0	0	0	0	0
GLEN ELLYN	1,682,252	3.2142%	0	0	0	0	0	0	0	0	0	0	0	0	0
GLENDALE HTS	1,715,599	3.2779%	0	0	0	0	0	0	0	0	0	0	0	0	0
HINSDALE	1,756,081	3.3553%	0	0	0	0	0	0	0	0	0	0	0	0	0
ITASCA	846,976	1.6183%	0	0	0	0	0	0	0	0	0	0	0	0	0
LISLE	1,634,918	3.1238%	0	0	0	0	0	0	0	0	0	0	0	0	0
LOMBARD	2,723,242	5.2032%	0	0	0	0	0	0	0	0	0	0	0	0	0
NAPERVILLE	10,723,000	20.4879%	0	0	0	0	0	0	0	0	0	0	0	0	0
OAK BROOK	2,081,810	3.9776%	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSELLE	1,132,881	2.1645%	0	0	0	0	0	0	0	0	0	0	0	0	0
VILLA PARK	1,145,495	2.1886%	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTMONT	1,651,006	3.1545%	0	0	0	0	0	0	0	0	0	0	0	0	0
WHEATON	3,176,666	6.0695%	0	0	0	0	0	0	0	0	0	0	0	0	0
WILLOWBROOK	683,084	1.3051%	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOD DALE	774,410	1.4796%	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODRIDGE	1,938,993	3.7047%	0	0	0	0	0	0	0	0	0	0	0	0	0
WINFIELD	562,373	1.0745%	0	0	0	0	0	0	0	0	0	0	0	0	0
OAK BROOK TERRACE	183,630	0.3509%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-SERWF	699,429	1.3364%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-GLEN ELLYN HEIGHTS	139,939	0.2674%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-HOBSON	27,840	0.0532%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-STEEPLE RUN	89,417	0.1708%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-NORDIC PARK (1)	34,959	0.0668%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-YORK CENTER	17,670	0.0338%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-ARROWHEAD	86,627	0.1655%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-VALLEY VIEW	330,485	0.6314%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-COUNTRY CLUB	59,492	0.1137%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-LMBRD HGHTS	32,768	0.0626%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-DP/LISLE	291,447	0.5569%	0	0	0	0	0	0	0	0	0	0	0	0	0
ARGONNE NATIONAL LAB	265,689	0.5076%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-LIBERTY RIDGE WEST	157,774	0.3015%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-LIBERTY RIDGE EAST	17,596	0.0336%	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL CUSTOMERS TOTAL	52,338,223	100.0000%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

(1) - NO ALLOCATION. WATER USAGE FOR 2015 & 2016 USED IN CALCULATION.

	FY 2018-19	FY 2017-18	FY 2016-17	FY 2015-16
ESTIMATED O & M RATE	\$4.94	\$4.88	\$4.80	\$4.85
ESTIMATED FIXED COST EQUIVALENT	\$0.00	\$0.00	\$0.00	\$0.00
ESTIMATED TOTAL RATE PER THOUSAND GALLONS	\$4.94	\$4.88	\$4.80	\$4.85

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 for fiscal year 2018-2019 higher to accommodate future adjustments.

BENEFITS AND TAXES. The Commission participates in the Illinois Municipal Retirement Fund (IMRF) and its contribution rate for 2018 is 7.31%. Annually, IMRF calculates the amount of unfunded pension liability for the prior calendar year and notifies the Commission after the budget has been approved. As of the December 31, 2016 actuarial valuation, the Commission's Net Pension Liability is approximately \$33,000. The Commission also budgeted an additional \$70,000 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, 2017, with an estimated increase for the last five months of the budget year.

PROFESSIONAL DEVELOPMENT. Travel, training 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.

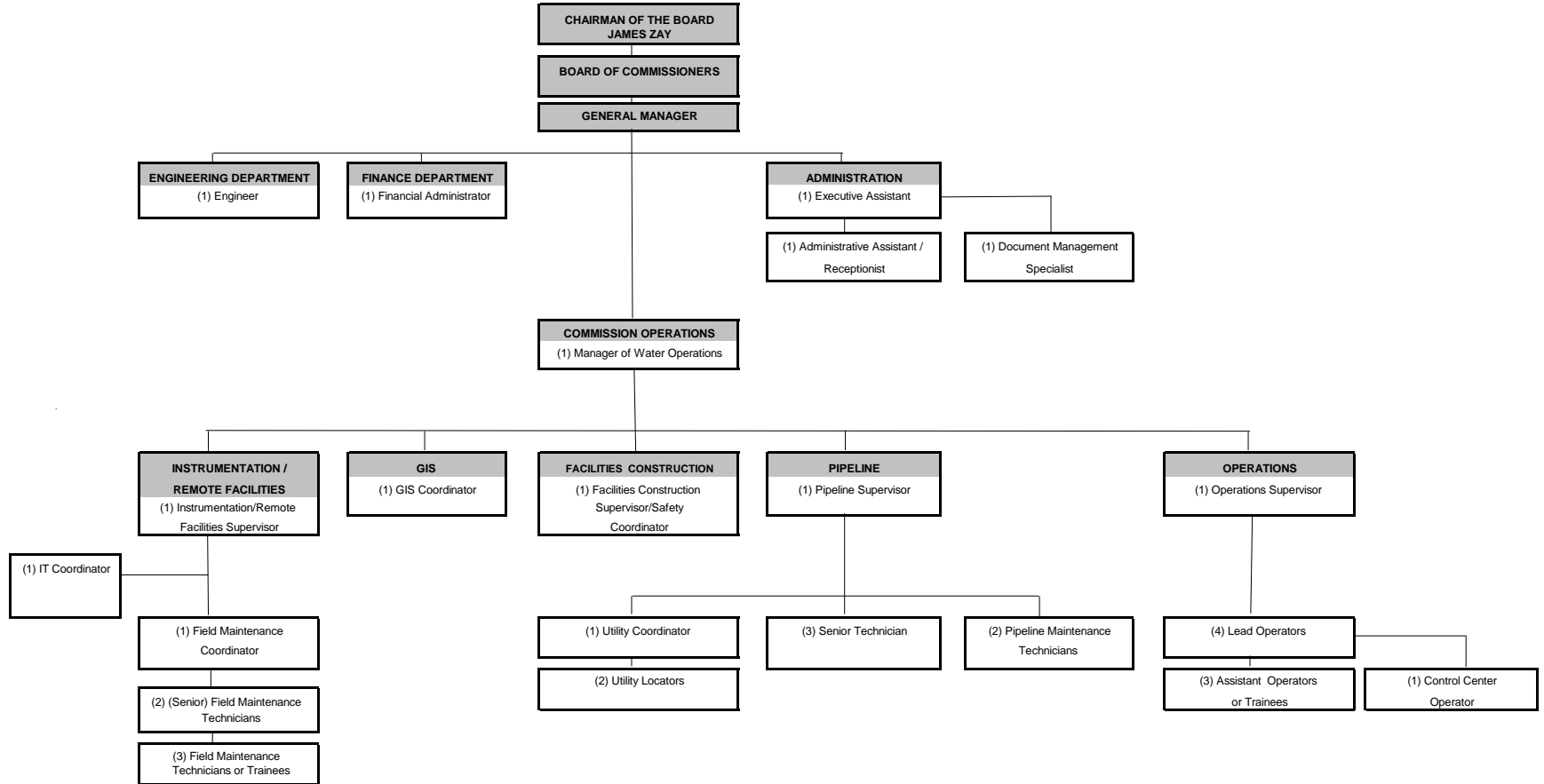
DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2018 TO APRIL 30, 2019

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 16-17 ACTUAL	WATER FUND FY 17-18 BUDGET	WATER FUND FY 17-18 PROJECTED	WATER FUND FY 18-19 BUDGET	% CHANGE FY 17-18 BUDGET VS FY 17-18 PROJECTED	% CHANGE FY 17-18 BUDGET VS FY 18-19 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		1,202,926	1,319,962	1,300,000	1,386,250	-1.5%	5.0%
01 60 611200	OPERATIONS-REGULAR		1,506,804	1,627,908	1,546,513	1,697,844	-5.0%	4.3%
01 60 611300	SUMMER INTERNS		17,773	27,000	12,000	40,000	-55.6%	48.1%
01 60 611600	ADMINISTRATIVE - OVERTIME		1,945	7,400	2,300	7,400	-68.9%	0.0%
01 60 611700	OPERATIONS - OVERTIME		181,817	179,070	200,000	186,763	11.7%	4.3%
01 60 612000	BENEFITS AND TAXES							
01 60 612100	PENSION		375,422	253,856	310,000	335,461	22.1%	32.1%
01 60 612200	MEDICAL/LIFE BENEFITS		663,117	766,320	725,000	817,320	-5.4%	6.7%
01 60 612300	FEDERAL PAYROLL TAXES		202,925	241,843	210,000	253,847	-13.2%	5.0%
01 60 612800	STATE UNEMPLOYMENT TAXES		4,545	13,780	5,000	13,780	-63.7%	0.0%
01 60 613000	PROFESSIONAL DEVELOPMENT							
01 60 613100	TRAVEL		8,052	10,800	9,000	10,800	-16.7%	0.0%
01 60 613200	TRAINING		12,162	33,150	25,000	38,150	-24.6%	15.1%
01 60 613301	CONFERENCES		14,812	29,250	24,000	35,150	-17.9%	20.2%
01 60 619000	OTHER PERSONNEL COSTS							
01 60 619100	OTHER PERSONNEL COSTS		8,756	26,300	10,000	26,300	-62.0%	0.0%
	TOTAL PERSONAL SERVICES		4,201,056	4,536,638	4,378,813	4,849,064	-3.5%	6.9%

PERSONNEL TABLE. The personnel service budget is based on the personnel structure in the table below. The total personnel budgeted for fiscal year 2018-2019 is 35. 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 2017-2018**



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, 2018 to be conducted in fiscal year 2018-2019.

CONSULTING SERVICES. Major consulting costs in fiscal year 2018-2019 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 network support and monitoring (\$99,600), accounting services (\$66,000), hydro excavation services (\$50,000), landscape maintenance (\$35,000), custodial services (\$30,000), temporary personnel services (\$30,000), and generator service and PM (\$24,000).

DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2018 TO APRIL 30, 2019

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 16-17 ACTUAL	WATER FUND FY 17-18 BUDGET	WATER FUND FY 17-18 PROJECTED	WATER FUND FY 18-19 BUDGET	% CHANGE FY 17-18 BUDGET VS FY 17-18 PROJECTED	% CHANGE FY 17-18 BUDGET VS FY 18-19 BUDGET
01 60 620000	PROFESSIONAL SERVICES							
01 60 621000	WATER CONSERVATION PROGRAM		18,745	20,000	18,000	11,000	-10.0%	-45.0%
01 60 623000	FINANCIAL SERVICES							
01 60 623300	INVESTMENT FEES & BANK CHARGES		91,775	95,200	102,000	103,200	7.1%	8.4%
01 60 625000	LEGAL SERVICES							
01 60 625100	GENERAL COUNSEL		37,908	90,000	40,000	90,000	-55.6%	0.0%
01 60 625200	BOND COUNSEL		0	0	0	0	N/A	N/A
01 60 625300	SPECIAL COUNSEL		1,127	50,000	5,000	50,000	-90.0%	0.0%
01 60 625800	LEGAL NOTICES		15,343	37,500	20,000	37,500	-46.7%	0.0%
01 60 626000	AUDIT SERVICES		30,500	32,000	31,100	30,000	-2.8%	-6.3%
01 60 628000	CONSULTING SERVICES		141,136	218,000	115,000	255,500	-47.2%	17.2%
01 60 629000	CONTRACTUAL SERVICES		256,661	489,900	310,000	514,320	-36.7%	5.0%
	TOTAL PROFESSIONAL SERVICES		593,195	1,032,600	641,100	1,091,520	-37.9%	5.7%

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, 2018 TO APRIL 30, 2019

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 16-17 ACTUAL	WATER FUND FY 17-18 BUDGET	WATER FUND FY 17-18 PROJECTED	WATER FUND FY 18-19 BUDGET	% CHANGE FY 17-18 BUDGET VS FY 17-18 PROJECTED	% CHANGE FY 17-18 BUDGET VS FY 18-19 BUDGET
01 60 640000	INSURANCE							
01 60 641000	CASUALTY INSURANCE							
01 60 641100	GENERAL LIABILITY		44,974	51,500	45,000	53,500	-12.6%	3.9%
01 60 641200	PUBLIC OFFICIAL'S LIABILITY		19,058	22,300	19,847	22,300	-11.0%	0.0%
01 60 641500	WORKER'S COMPENSATION		91,603	105,000	92,000	105,000	-12.4%	0.0%
01 60 641600	UMBRELLA COVERAGE		30,489	35,000	31,000	35,000	-11.4%	0.0%
01 60 642000	PROPERTY INSURANCE							
01 60 642100	PROPERTY		343,952	381,000	345,000	381,000	-9.4%	0.0%
01 60 642200	AUTOMOBILE INSURANCE		10,338	15,000	15,000	17,000	0.0%	13.3%
01 60 649000	OTHER COVERAGE							
01 60 649100	SELF INSURED CLAIMS		0	50,000	2,000	50,000	-96.0%	0.0%
	TOTAL INSURANCE		540,414	659,800	549,847	663,800	-16.7%	0.6%

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, 2018 TO APRIL 30, 2019

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 16-17 ACTUAL	WATER FUND FY 17-18 BUDGET	WATER FUND FY 17-18 PROJECTED	WATER FUND FY 18-19 BUDGET	% CHANGE	% CHANGE
							FY 17-18 VS FY 17-18 PROJECTED	FY 17-18 VS FY 18-19 BUDGET
01 60 650000	ADMINISTRATIVE COSTS							
01 60 651000	OCCUPANCY COSTS							
01 60 651200	GENERATOR DIESEL FUEL		32,536	112,500	50,000	112,500	-55.6%	0.0%
01 60 651300	NATURAL GAS		19,010	33,000	25,000	33,000	-24.2%	0.0%
01 60 651400	COMMUNICATION SYSTEMS		54,784	71,040	68,000	75,820	-4.3%	6.7%
01 60 652000	ADMINISTRATION SUPPLIES							
01 60 652100	OFFICE SUPPLIES		12,787	29,360	15,000	29,120	-48.9%	-0.8%
01 60 652200	BOOKS & PUBLICATIONS		673	4,396	1,900	4,396	-56.8%	0.0%
01 60 653000	PRINTING & POSTAGE							
01 60 653100	PRINTING - GENERAL		293	8,650	1,500	8,650	-82.7%	0.0%
01 60 653200	POSTAGE & DELIVERY		3,405	6,600	5,800	6,600	-12.1%	0.0%
01 60 654000	PROFESSIONAL DUES		14,505	22,605	19,000	22,605	-15.9%	0.0%
01 60 655000	OFFICE EQUIPMENT REPAIRS		5,431	13,620	7,000	13,620	-48.6%	0.0%
01 60 656000	REPAIRS & MAINT - BLDGS & GRN		154,824	212,500	195,000	219,000	-8.2%	3.1%
01 60 658000	COMPUTER SOFTWARE		4,462	27,300	15,000	27,300	-45.1%	0.0%
01 60 659000	SOFTWARE MAINTENANCE		79,807	96,550	96,000	103,900	-0.6%	7.6%
01 60 659100	OTHER ADMINISTRATIVE EXPENSE		3,067	13,900	6,000	13,900	-56.8%	0.0%
	TOTAL ADMINISTRATIVE & MAINTENANCE COSTS		385,584	652,021	505,200	670,411	-22.5%	2.8%

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. The Commission estimates budgeted purchases to be 25.6 billion gallons of water at an average rate of \$3.95 per 1,000 gallons in fiscal year 2018-2019. The next water rate adjustment by the City of Chicago is scheduled to be on June 1, 2018, 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 1.54%; 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 2018-2019 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 (\$325,000), manhole repairs and adjustments (\$100,000), and valve repairs (\$50,000).

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, 2018 TO APRIL 30, 2019

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 16-17 ACTUAL	WATER FUND FY 17-18 BUDGET	WATER FUND FY 17-18 PROJECTED	WATER FUND FY 18-19 BUDGET	% CHANGE	% CHANGE
							FY 17-18 VS FY 17-18 PROJECTED	FY 17-18 VS FY 18-19 BUDGET
01 60 660000	DIRECT WATER DISTRIBUTION COSTS							
01 60 661000	WATER SUPPLY							
01 60 661101	WATER PURCHASES-CHICAGO		101,999,755	100,485,690	106,514,832	101,120,000	6.0%	0.6%
01 60 661102	ELECTRIC-CHICAGO		1,058,369	1,300,000	1,200,000	1,300,000	-7.7%	0.0%
01 60 661103	MAINTENANCE-CHICAGO		526,359	504,000	543,000	780,000	7.7%	54.8%
01 60 661104	MAJOR MAINTENANCE-CHICAGO		0	150,000	150,000	150,000	0.0%	0.0%
01 60 661200	ELECTRIC - DuPAGE		1,477,673	1,900,000	1,650,000	1,800,000	-13.2%	-5.3%
02 61 661202	METER STATION, ROV, TANK SITE		118,349	147,000	135,000	147,000	-8.2%	0.0%
01 60 661300	WATER CHEMICALS		3,344	26,700	10,000	26,700	-62.5%	0.0%
01 60 661400	WATER TESTING		19,531	24,750	20,000	24,750	-19.2%	0.0%
01 60 662000	PUMP STATION OPERATIONS							
01 60 662100	PUMPING SERVICES		119,234	187,800	90,000	187,800	-52.1%	0.0%
01 60 662300	METER TESTING & REPAIR		9,644	18,300	13,000	18,300	-29.0%	0.0%
01 60 662400	SCADA/INSTRUMENTATION		40,829	41,900	40,000	53,700	-4.5%	28.2%
01 60 662500	EQUIPMENT RENTAL		0	11,700	3,000	11,700	-74.4%	0.0%
01 60 662600	UNIFORMS		9,386	25,000	14,000	22,000	-44.0%	-12.0%
01 60 662700	SAFETY		36,017	62,345	39,000	189,870	-37.4%	204.5%
01 60 663000	PIPELINE MAINTENANCE							
01 60 663100	PIPELINE REPAIRS		85,599	375,000	375,000	475,000	0.0%	26.7%
01 60 663200	CORROSION TESTING & MITIGATION		6,189	7,500	6,000	7,500	-20.0%	0.0%
01 60 663300	METER STATIONS, ROVS, STANDPIPES		82,107	129,500	90,000	119,600	-30.5%	-7.6%
01 60 663400	PLAN REVIEW - PIPELINE CONFLICTS		75,951	91,500	80,000	91,500	-12.6%	0.0%
01 60 663700	PIPELINE SUPPLIES		30,599	54,250	45,000	54,250	-17.1%	0.0%
01 60 664000	MACHINERY & EQUIPMENT NON-CAP		0	14,650	5,000	58,850	-65.9%	301.7%
01 60 664100	REPAIRS & MAINT - VEHICLES		29,805	39,500	30,000	39,500	-24.1%	0.0%
01 60 664200	FUEL- VEHICLES		15,112	37,200	22,000	37,200	-40.9%	0.0%
01 60 664300	LICENSES - VEHICLES		1,206	2,150	1,600	2,150	-25.6%	0.0%
TOTAL DIRECT WATER DISTRIBUTION COSTS			105,745,058	105,636,435	111,076,432	106,717,370	5.1%	1.0%

BOND INTEREST COSTS. Currently the Commission has no debt outstanding; therefore, no interest expenses are budgeted in fiscal year 2018-2019.

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, 2018 TO APRIL 30, 2019

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 16-17 ACTUAL	WATER FUND FY 17-18 BUDGET	WATER FUND FY 17-18 PROJECTED	WATER FUND FY 18-19 BUDGET	% CHANGE	% CHANGE
							FY 17-18 BUDGET VS FY 17-18 PROJECTED	FY 17-18 BUDGET VS FY 18-19 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		43	0	0	0	N/A	N/A
	TOTAL INTEREST EXPENSES		43	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		5,340	14,450	6,000	14,450	-58.5%	0.0%
	TOTAL LAND AND RIGHT-OF-WAY		5,340	15,450	6,500	15,450	-57.9%	0.0%

EQUIPMENT PURCHASES. Equipment purchases in the fiscal year 2018-2019 include Meter Shop upgrades (\$55,000) and Ground Penetrating Radar (\$35,000). 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 2 new Ford trucks in fiscal year 2018-2019. 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, 2018 TO APRIL 30, 2019

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 16-17 ACTUAL	WATER FUND FY 17-18 BUDGET	WATER FUND FY 17-18 PROJECTED	WATER FUND FY 18-19 BUDGET	% CHANGE	% CHANGE
							FY 17-18 VS FY 17-18 PROJECTED	FY 17-18 BUDGET VS FY 18-19 BUDGET
01 60 690000	CAPITAL EQUIPMENT/DEPRECIATION							
	EQUIPMENT PURCHASES							
01 60 685100	COMPUTER		14,134	29,600	25,000	36,600	-15.5%	23.6%
01 60 685200	OFFICE FURNITURE & EQUIPMENT		16,938	0	0	0	N/A	N/A
01 60 685600	MACHINERY & EQUIPMENT		0	0	0	90,000	N/A	N/A
01 60 685800	CAPITALIZED EQUIPMENT PURCHASES		(16,938)	0	0	(90,000)	N/A	N/A
	VEHICLE PURCHASES							
01 60 686000	VEHICLES		31,849	35,000	35,000	110,000	0.0%	214.3%
01 60 686800	CAPITALIZED VEHICLES PURCHASES		(31,849)	(35,000)	(35,000)	(110,000)	0.0%	214.3%
01 60 692000	DEPRECIATION - WATER MAINS		4,547,727	4,573,000	4,560,000	4,649,000	-0.3%	1.7%
01 60 693000	DEPRECIATION - BUILDINGS		2,630,199	2,755,000	2,676,000	2,855,000	-2.9%	3.6%
01 60 694000	DEPRECIATION - PUMPING EQUIPMENT		1,108,750	1,607,000	1,428,000	1,744,000	-11.1%	8.5%
01 60 695200	DEPRECIATION - OFFICE FURNITURE		85,255	99,000	84,000	99,000	-15.2%	0.0%
01 60 696000	DEPRECIATION - VEHICLE		20,851	60,000	21,600	71,000	-64.0%	18.3%
	TOTAL CAPITAL EQUIPMENT/DEPRECIATION		8,406,916	9,123,600	8,794,600	9,454,600	-3.6%	3.6%
	TOTAL OPERATING EXPENSES		119,877,606	121,656,544	125,952,491	123,462,215	3.5%	1.5%

METERING STATIONS. There are plans to construct a metering station for the Village of Bartlett included in the budget.

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DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2018 TO APRIL 30, 2019

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 16-17 ACTUAL	WATER FUND FY 17-18 BUDGET	WATER FUND FY 17-18 PROJECTED	WATER FUND FY 18-19 BUDGET	% CHANGE	% CHANGE
							FY 17-18 VS FY 17-18 PROJECTED	FY 17-18 VS FY 18-19 BUDGET
01 60 700000	CONSTRUCTION EXPENDITURES							
01 60 711000	METERING STATIONS		0	0	0	1,350,000	N/A	N/A
01 60 711500	BARTLETT CONNECTION FACILITIES		0	10,000,000	5,000,000	15,000,000	-50.0%	50.0%
01 60 721800	RESERVOIR HATCH REPLACEMENT		(3,264)	0	0	0	N/A	N/A
01 60 722100	ADDITION OF PUMP		0	0	0	1,000,000	N/A	N/A
01 60 722200	DPS BUILDINGS REHAB & MAINTENANCE		0	0	0	1,817,800	N/A	N/A
01 60 722300	GENERATION BUILDING REHAB & MAINTENANCE		0	0	0	50,000	N/A	N/A
01 60 741000	REMOTE FACILITIES REHAB & MAINTENANCE		0	0	0	90,000	N/A	N/A
01 60 722300	TRANSMISSION MAINS		0	0	0	100,000	N/A	N/A
01 60 761000	STANDPIPE IMPROVEMENTS		0	0	0	300,000	N/A	N/A
01 60 770401	RADIO SYSTEM REPLACEMENT		0	0	0	637,000	N/A	N/A
01 60 770700	STANDPIPE PAINTING		3,009,940	1,700,000	1,461,000	0	-14.1%	-100.0%
01 60 770800	STANDPIPE MIXING		13,816	35,000	5,000	0	-85.7%	-100.0%
01 60 771000	VALVE REHAB & REPLACEMENT		557,580	0	300,000	0	N/A	N/A
01 60 771100	METER REPLACEMENT		803	550,000	1,500,000	300,000	172.7%	-45.5%
01 60 771200	CONDITION ASSESSMENT		50,697	250,000	200,000	750,000	-20.0%	200.0%
01 60 771400	HIGHLIFT PUMP VIBRATION MONITORING UPGRADE		(20)	0	0	0	N/A	N/A
01 60 771500	PORTABLE GENERATOR EMERGENCY UPGRADES		(64)	0	0	0	N/A	N/A
01 60 771600	VAR BLDG - WALL & MASONRY REHAB		239,997	0	0	1,050,000	N/A	N/A
01 60 771700	REPLACEMENT OF SCADA SYSTEM		281	3,500,000	1,000	5,500,000	-100.0%	57.1%
01 60 771900	HIGHLIFT PUMP REHAB		0	250,000	0	250,000	-100.0%	0.0%
01 60 772000	SECURITY SYSTEM UPGRADES		0	400,000	0	980,000	-100.0%	145.0%
01 60 772100	METER STATION REHAB		0	800,000	0	925,000	-100.0%	15.6%
01 60 798000	CAPITALIZED FIXED ASSETS		(3,869,766)	(17,485,000)	(8,467,000)	(30,099,800)	-51.6%	72.1%
	TOTAL CONSTRUCTION EXPENDITURES		0	0	0	0	N/A	N/A



**DuPage Water Commission
Fiscal Year 2018-2019
Tentative Draft Management Budget
May 1, 2018 to April 30, 2019**

(with detailed account line items)

March 1, 2018

**BUDGET REPORT
2018-2019 Budget Year
01 WATER FUND**

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-511100	O&M PAYMENTS- GOVERNMENTAL				119,157,325.04
	May 2018 - April 2019 \$4.94	97.6	24120916	119,157,325.04	
01-511200	O&M PAYMENTS- PRIVATE				2,880,084.22
	May 2018 - April 2019 \$4.94	2.4	583013	2,880,084.22	
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				344,157.00
	Winfield			100,409.00	
	Oakbrook Terrace			31,708.00	
	Du Page County			212,040.00	
01-513200	SUBSEQUENT CUSTOMER - PRIVATE				509,465.00
	IAWC			346,892.00	
	Argonne Labs			162,573.00	
01-514100	EMERGENCY WATER SERVICE- GOVT				20,240.00
	Annual Fee	1	7,890.00	7,890.00	
	Water Use	2500	4.94	12,350.00	
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				656,750.00
01-581001	INTEREST INCOME				12,500.00
01-590000	OTHER INCOME				0.00
01-590100	SALE OF EQUIPMENT				0.00
01-592000	CONTRIBUTIONS				0.00
PAGE TOTAL					123,580,521.26
TOTAL REVENUES					123,580,521.26 (Credit)

BUDGET REPORT
2018-2019 Budget Year
01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-611100	ADMIN SALARIES				1,386,250.00
	Administration	1	1,360,850.00	1,360,850.00	
	Treasurer	12	1,666.67	20,000.00	
	Commissioner	9	600.00	5,400.00	
01-60-611200	OPERATIONS SALARIES				1,697,844.00
	Operations Department	1	572,321.00	572,321.00	
	Pipeline Department	1	648,013.00	648,013.00	
	Instrum/Remote Fac Dept	1	477,510.00	477,510.00	
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				186,762.84
	11% of Oper Payroll	1	186,762.84	186,762.84	
01-60-612100	PENSION				335,460.55
	2018 IMRF rate = 7.31% (8% used)			265,460.55	
	Retiree Costs			70,000.00	
01-60-612200	MEDICAL/LIFE BENEFITS				817,320.00
	Blue Cross Blue Shield	7	59,000.00	413,000.00	
	15% Increase for 2019	5	67,850.00	339,250.00	
	Metlife Dental/Vision	7	5,500.00	38,500.00	
	15% Increase for 2019	5	6,325.00	31,625.00	
	Principle Life & ADD	7	1,000.00	7,000.00	
	10% Increase for 2019	5	1,100.00	5,500.00	
	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	142,000.00	142,000.00	
01-60-612300	FEDERAL PAYROLL TAXES				253,846.64
	Social Security			205,731.92	
	Medicare			48,114.72	
01-60-612800	STATE UNEMPLOYMENT				13,780.00
	Illinois Estimated 2.65% for 2018			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

4,749,464.03

BUDGET REPORT
2018-2019 Budget Year
01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-613200	TRAINING				38,150.00
	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	1	5,000.00	5,000.00	
	Mgr/Supv Training	1	3,000.00	3,000.00	
	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	2	2,000.00	4,000.00	
	Operator/Pipeline Training	4	500.00	2,000.00	
	Webinars	3	250.00	750.00	
	Supervisor Training	4	500.00	2,000.00	
	Underground Storage Tank	2	800.00	1,600.00	
	Corrosion Protection Training	1	2,500.00	2,500.00	
	OSHA Public Sector Certification	1	500.00	500.00	
	AUTOCAD	1	500.00	500.00	
01-60-613301	CONFERENCES				35,150.00
	AMWA Conference	1	3,000.00	3,000.00	
	AWWA ACE (Nevada)	2	3,000.00	6,000.00	
	Misc Conference	3	2,500.00	7,500.00	
	ILGISA Conference	1	300.00	300.00	
	ISAWWA Annual Mtg	4	900.00	3,600.00	
	IRTHNET User Conference	1	1,850.00	1,850.00	
	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	2	1,400.00	2,800.00	
01-60-613302	TUITION REIMBURSEMENT				0.00
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				103,200.00
	Investment Fees	1	102,000.00	102,000.00	
	Banking Fees	12	100.00	1,200.00	
PAGE TOTAL					213,800.00

BUDGET REPORT
2018-2019 Budget Year
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			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				30,000.00
	Audit FY 2018	1	30,000.00	30,000.00	
01-60-628000	CONSULTING SERVICES				255,500.00
	Network Consultants	1	40,000.00	40,000.00	
	Incode Finance Programming	1	15,000.00	15,000.00	
	Unidentified Services	1	50,000.00	50,000.00	
	Application Develop.	1	30,000.00	30,000.00	
	Electrical Supply Consult	1	10,000.00	10,000.00	
	Insurance Consultant	1	10,000.00	10,000.00	
	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	2,500.00	2,500.00	
01-60-629000	CONTRACTUAL SERVICES				514,320.00
	Accounting Service	12	5,500.00	66,000.00	
	Annual UPS Maintenance	1	12,000.00	12,000.00	
	IRTHNET Service / Storage	1	22,500.00	22,500.00	
	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	6,000.00	6,000.00	
	Temporary Personnel Services	1	30,000.00	30,000.00	

PAGE TOTAL

977,320.00

BUDGET REPORT
2018-2019 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	
	Hydro Excavation Services	1	50,000.00	50,000.00	
	dpwc.org Web Hosting	12	60.00	720.00	
	Annual Freq Protection	1	500.00	500.00	
	HSQ Maintenance Contract	1	10,000.00	10,000.00	
	Cloud Backup Service	1	1,000.00	1,000.00	
	Hach Maintenance	1	7,000.00	7,000.00	
	Terrazzo Floor Maintenance	1	10,000.00	10,000.00	
	Generator Service and PM	12	2,000.00	24,000.00	
	Email Threat Protection	1	4,200.00	4,200.00	
	GPS Vehicle Tracking	12	400.00	4,800.00	
	Rating Agency Annual Fees	2	4,000.00	8,000.00	
	HELIX Cloud EP Security (3 yr)	1	10,000.00	10,000.00	
01-60-641100	GENERAL LIABILITY INSURANCE				53,500.00
	General Liability	1	35,000.00	35,000.00	
	UST	1	1,500.00	1,500.00	
	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				105,000.00
	Illinois Public Risk Fund	1	105,000.00	105,000.00	
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				33,660.00
	MIS - IP Flex	12	700.00	8,400.00	
	POTS Lines	12	500.00	6,000.00	
PAGE TOTAL					842,960.00

BUDGET REPORT
2018-2019 Budget Year
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	225.00	2,700.00	
	Ipad Internet Services	12	750.00	9,000.00	
	GPS Correction Signal	1	840.00	840.00	
	U-Verse Internet	12	200.00	2,400.00	
01-60-651402	CELL PHONE & CORR. TELEMETRY				28,800.00
	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	
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				29,120.00
	General Office Supplies	12	2,210.00	26,520.00	
	Print supplies	1	600.00	600.00	
	Check Stock	1	1,000.00	1,000.00	
	Printer & Plotter Paper	1	1,000.00	1,000.00	
01-60-652200	BOOKS & PUBLICATIONS				4,396.00
	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	125.00	125.00	
01-60-653100	PRINTING- GENERAL				8,650.00
	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	2,000.00	2,000.00	
	Annual Reports	1	2,000.00	2,000.00	
	Printing & Mounting	1	2,000.00	2,000.00	

PAGE TOTAL

84,326.00

BUDGET REPORT
2018-2019 Budget Year
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				22,605.00
	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	13,500.00	13,500.00	
	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				219,000.00
	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	17,000.00	17,000.00	
	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	1,500.00	6,000.00	
	Generator Repairs	1	10,000.00	10,000.00	
	Generator UPS Replacement	1	5,000.00	5,000.00	

PAGE TOTAL

261,825.00

BUDGET REPORT
2018-2019 Budget Year
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				27,300.00
	Network Upgrades	1	20,000.00	20,000.00	
	Misc. GIS software	1	300.00	300.00	
	Document Management System	1	2,000.00	2,000.00	
	Misc Software Programs	1	5,000.00	5,000.00	
01-60-659000	COMPUTER/SOFTWARE MAINTENANCE				103,900.00
	ESRI Software Maint.	1	10,100.00	10,100.00	
	Infor 7i Software Maint	1	47,250.00	47,250.00	
	Incode Software	1	15,000.00	15,000.00	
	AUTOCAD License	1	1,200.00	1,200.00	
	Maplogic Layout Manager	1	250.00	250.00	
	Google SketchUp Pro	1	200.00	200.00	
	Google Earth Pro	1	400.00	400.00	
	Document Management Maint.	1	2,000.00	2,000.00	
	Misc Hardware and Repairs	1	4,000.00	4,000.00	
	Software License Renewals	1	12,000.00	12,000.00	
	HP Maintenance Agreement	1	1,500.00	1,500.00	
	Office 365 Government	1	10,000.00	10,000.00	
01-60-659100	OTHER ADMINISTRATIVE EXPENSE				13,900.00
	Misc Meeting Expenses	1	3,000.00	3,000.00	
	Retirement Plaques	3	200.00	600.00	
	Scanning Service	1	4,000.00	4,000.00	
	HR Plus Background Checks	6	1,000.00	6,000.00	
	Notary Public Renewals	3	100.00	300.00	
01-60-661101	WATER BILLING				101,120,000.00
	Water Purchase (May-April) \$3.95		25,600,000	101,120,000.00	
01-60-661102	ELECTRICITY				1,300,000.00
	LPS Electrical Charges	1	1,300,000.00	1,300,000.00	

PAGE TOTAL

102,565,100.00

BUDGET REPORT
2018-2019 Budget Year
01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-661103	OPERATIONS & MAINTENANCE				780,000.00
	LPS 50% O&M Charges	12	65,000.00	780,000.00	
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				1,800,000.00
	DPS Electrical Charges	1	1,800,000.00	1,800,000.00	
01-60-661202	METER STATION, ROV, TANK SITE				147,000.00
	COMED Accts	1	136,000.00	136,000.00	
	Naper Accts	1	11,000.00	11,000.00	
01-60-661300	WATER CHEMICALS				26,700.00
	Sodium Hypochlorite	6	3,750.00	22,500.00	
	De-Chlor Chemicals	6	700.00	4,200.00	
01-60-661400	WATER TESTING				24,750.00
	Analyzers, Supplies & Equipment	1	18,000.00	18,000.00	
	IEPA Lab Testing Program	1	2,750.00	2,750.00	
	Suburban Lab (Misc)	1	4,000.00	4,000.00	
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

3,116,250.00

BUDGET REPORT
2018-2019 Budget Year
01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-662300	METER TESTING & REPAIRS				18,300.00
	Test Bench Repairs	1	8,000.00	8,000.00	
	Meter Parts	1	5,000.00	5,000.00	
	Annual Scale Calibration	1	2,800.00	2,800.00	
	Compound Meter Testing	1	500.00	500.00	
	PLC Repairs and Maintenance	1	2,000.00	2,000.00	
01-60-662400	SCADA / INSTRUMENTATION				53,700.00
	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	
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				22,000.00
	Uniform Replacements	1	15,000.00	15,000.00	
	Work Boot	1	7,000.00	7,000.00	
01-60-662700	SAFETY				189,870.00
	Contract Training	1	48,170.00	48,170.00	
	Equipment/Supplies	1	7,000.00	7,000.00	
	Consultant Services	1	120,000.00	120,000.00	
	NSC Dues and Subscriptions	1	2,900.00	2,900.00	
	Professional Development	1	5,600.00	5,600.00	
	In-House Training Material	1	2,000.00	2,000.00	
	Safety & First Aid	12	350.00	4,200.00	

PAGE TOTAL

295,570.00

BUDGET REPORT
2018-2019 Budget Year
01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-663100	PIPELINE REPAIRS				475,000.00
	Major Pipe Repair	1	325,000.00	325,000.00	
	Manhole Repairs and Adjustments	1	100,000.00	100,000.00	
	Valves Repair	1	50,000.00	50,000.00	
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				91,500.00
	JULIE Notification	4	19,000.00	76,000.00	
	Paint for JULIE Locating	1	3,000.00	3,000.00	
	Locating Transmitter/Receiver	2	5,500.00	11,000.00	
	Locating Flags	1	1,500.00	1,500.00	
01-60-663500	PIPELINE EQUIPMENT RENTAL				0.00
01-60-663700	PIPELINE SUPPLIES				54,250.00
	Pipe and Fittings	1	20,000.00	20,000.00	
	Misc. Supplies	1	34,250.00	34,250.00	
01-60-664000	MACHINERY & EQUIPMENT NON-CAP				58,850.00
	Utility Vehicle Tools	1	3,900.00	3,900.00	
	Traffic Barricade Batteries	1	250.00	250.00	
	Office Upgrades / Furniture	1	50,000.00	50,000.00	
	Desks	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

883,400.00

BUDGET REPORT
2018-2019 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				
	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				36,600.00
	Replacement Computers	8	1,000.00	8,000.00	
	Replacement Laptops	3	1,200.00	3,600.00	
	Network Hardware	1	10,000.00	10,000.00	
	Tablet Devices	12	1,000.00	12,000.00	
	Scanners	5	600.00	3,000.00	
01-60-685200	OFFICE FURNITURE & EQUIPMT				0.00
01-60-685600	MACHINERY & EQUIPMENT				90,000.00
	Meter Shop PLC Upgrade	1	55,000.00	55,000.00	
	Ground Penetrating Radar	1	35,000.00	35,000.00	
01-60-685800	CAPITALIZED EQUIP PURCHASES				(90,000.00)
01-60-686000	VEHICLES				110,000.00
	Ford F350	1	60,000.00	60,000.00	
	Ford F250	1	50,000.00	50,000.00	
01-60-686800	CAPITALIZED VEHICLE PURCHASES				(110,000.00)
01-60-688000	CAPITALIZED FIXED ASSETS				0.00

PAGE TOTAL

54,200.00

BUDGET REPORT
2018-2019 Budget Year
01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-692000	DEPRECIATION- TRANS MAINS				4,649,000.00
	DEPRECIATION FY2017/18			4,649,000.00	
01-60-693000	DEPRECIATION- BUILDINGS				2,855,000.00
	DEPRECIATION FY2017/18			2,855,000.00	
01-60-694000	DEPRECIATION-PUMPING EQUIPMENT				1,744,000.00
	DEPRECIATION FY2017/18			1,744,000.00	
01-60-695200	DEPRECIATION- OFFICE FURN & EQUIP				99,000.00
	DEPRECIATION FY2017/18			99,000.00	
01-60-696000	DEPRECIATION- VEHICLES				71,000.00
	DEPRECIATION FY2017/18			71,000.00	

PAGE TOTAL

9,418,000.00

BUDGET REPORT
2018-2019 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				1,350,000.00
	Bartlett Metering Station	1	1,350,000.00	1,350,000.00	
01-60-711500	BARTLETT CONNECTION FACILITIES				15,000,000.00
	TW-3 Supply Line	1	15,000,000.00	15,000,000.00	
01-60-722100	ADDITION OF PUMP				1,000,000.00
	Addition of Pump #10	1	1,000,000.00	1,000,000.00	
01-60-722200	DPS BUILDINGS REHAB & MAINT				1,817,800.00
	Admin Bldg Curtain Wall & Store Fronts	1	1,000,000.00	1,000,000.00	
	Disinfection Facility Rehab	1	523,740.00	523,740.00	
	E&W Effluent Vault Rehab	1	123,540.00	123,540.00	
	Reservoir Influent Bldg Rehab	1	170,520.00	170,520.00	
01-60-722300	GENERATION BUILDING REHAB & MAINT				50,000.00
	Humidification System	1	50,000.00	50,000.00	
01-60-741000	REMOTE FACILITIES REHAB & MAINT				90,000.00
	Replacement of VFD at Tank Site 1	1	90,000.00	90,000.00	
01-60-751000	TRANSMISSION MAINS				100,000.00
	Replacement of Blow-Off Stems	1	100,000.00	100,000.00	
01-60-761000	STANDPIPE IMPROVEMENTS				300,000.00
	Tank Site Rehab	1	300,000.00	300,000.00	
01-60-770401	RADIO SYSTEM REPLACEMENT				187,000.00
	Vehicle Radio Replacement	1	187,000.00	187,000.00	
01-60-771100	METER REPLACEMENT				300,000.00
	Flow Meter Replacement	1	300,000.00	300,000.00	
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				1,050,000.00
	ComEd Yard Rehab	1	550,000.00	550,000.00	
	West Discharge Tunnel Rehab	1	500,000.00	500,000.00	
01-60-771700	REPLACEMENT OF SCADA SYSTEM				6,750,000.00
	Replacement of SCADA System	1	5,500,000.00	5,500,000.00	
	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
	Electronic Lock Installation	1	180,000.00	180,000.00	
01-60-772100	METER STATION REHAB				925,000.00
	Meter Station Rehab	1	925,000.00	925,000.00	
01-60-798000	CAPITALIZED FIXED ASSETS				(30,099,800.00)
PAGE TOTAL					0.00
TOTAL EXPENDITURES(pages2-14):					123,462,215.03
NET REVENUES/EXPENDITURES:					118,306.23 (Credit)

**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**



**DUPAGE WATER COMMISSION
2018 - 2023
FIVE YEAR CAPITAL IMPROVEMENT
PLAN
February 15, 2018**



DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN



DuPage Water Commission

MEMORANDUM

TO: John Spatz
General Manager

FROM: Terry McGhee
Manager of Operations

DATE: February 15, 2018

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 2022-2023.

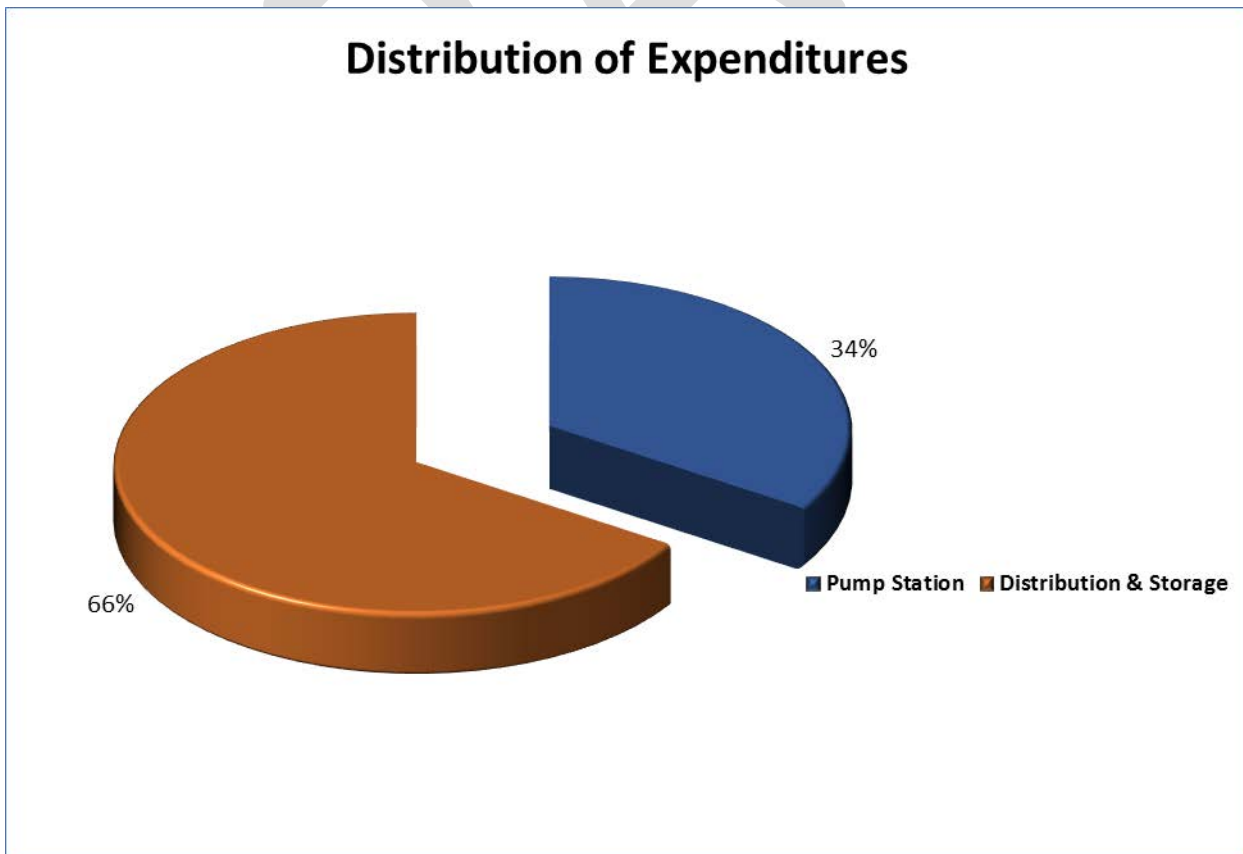
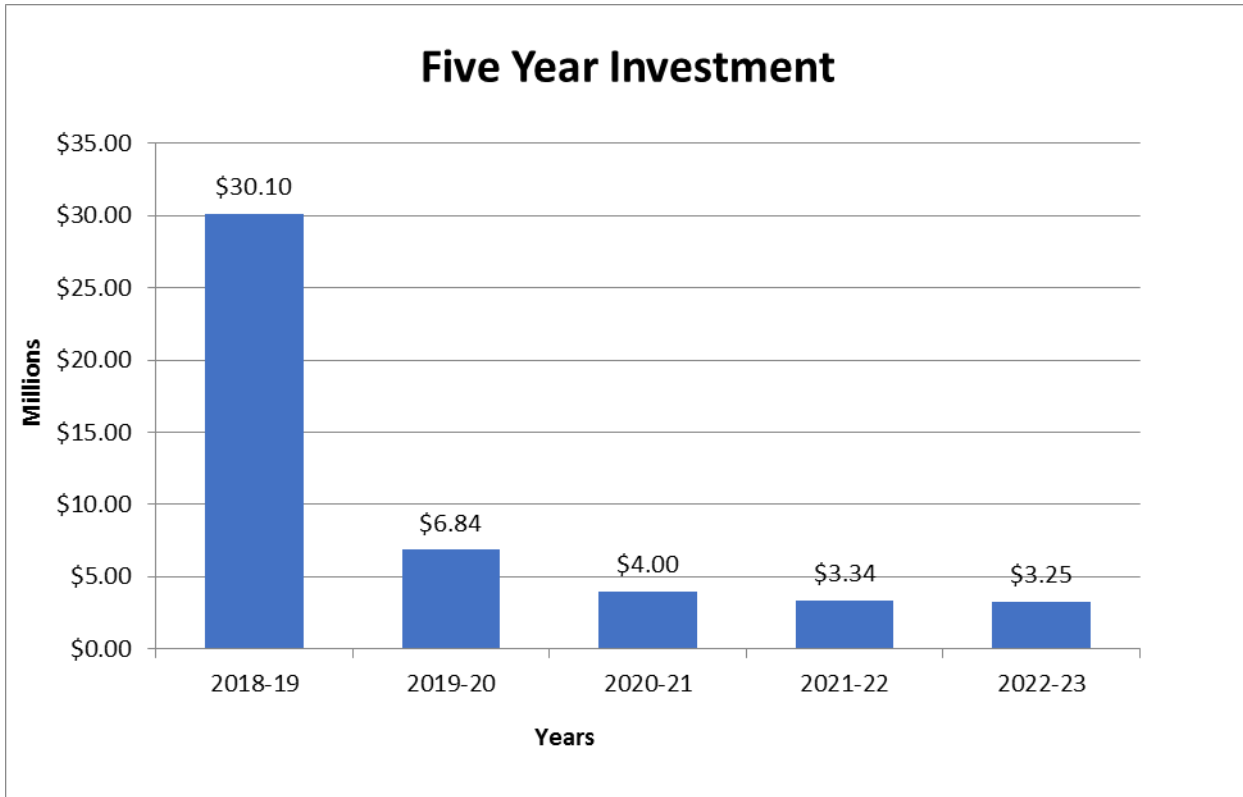
The Commission staff proposes to spend approximately \$47.5 million on 31 projects during the planning period from FY 2018-2019 through FY 2022-2023. The following chart shows the projected annual expenditures over the next five years.

**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

Yearly Capital Costs

Projects	2018-19	2019-20	2020-21	2021-22	2022-23
DuPage Pump Station					
Addition of Pump # 10	\$1,000,000				
Replacement of SCADA System	\$5,500,000	\$1,000,000			
BackHaul Radio	\$450,000				
Security System Upgrades	\$800,000	\$200,000			
High Lift Pump Rehab	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Condition Assessment		\$2,000,000			
Admin. Building Ext. and Int. Rehabilitation	\$1,000,000				
Disinfection Facility Rehab	\$523,740				
E & W Effluent Vault Rehab	\$123,540				
Reservoir Influent Building Rehab	\$170,520				
Replacement of Roof-Mounted Exhaust Fans			\$300,000		
Replacement of Wall-Mounted Supply Fans			\$300,000		
Replacement of Chillers			\$150,000		
Humidification System for Generation Building	\$50,000				
ComEd Yard Rehab	\$550,000				
West Discharge Tunnel Rehab	\$500,000				
Vehicle Radio Replacement	\$187,000				
Electronic Lock Installation	\$180,000				
Distribution System					
Condition Assessment	\$750,000	\$250,000		\$1,000,000	
Replacement of Blow-Off Stems	\$100,000	\$50,000			
Cathodic Protection Construction FY 19/20		\$1,094,495			
Cathodic Protection Construction FY 20/21			\$2,000,000		
Cathodic Protection Construction FY 21/22				\$1,094,495	
Cathodic Protection Construction FY 22/23					\$2,000,000
Distribution System Upgrades		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
Bartlett Supply Line	\$15,000,000	\$1,000,000			
Replacement of VFD at Tank Site 1	\$90,000				
Tank Site Rehab	\$300,000				
Bartlett Connection Facility	\$1,350,000				
Flow Meter Replacement	\$300,000				
Meter Station Rehab	\$925,000				
	\$30,099,800	\$6,844,495	\$4,000,000	\$3,344,495	\$3,250,000

DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN



**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

DUPAGE PUMP STATION IMPROVEMENTS



**DUPAGE WATER COMMISSION
2018 – 2023
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 2018-2019 – Engineering

Fiscal year 2018-2019 – Installation

**DUPAGE WATER COMMISSION
2018 – 2023
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: \$6,500,000

TIMING: Fiscal year 2018-2019 – Engineering/installation

Fiscal year 2018-2020 – Installation/implementation

**DUPAGE WATER COMMISSION
2018 – 2023
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 recue 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 2018-2019 – Engineering & Installation

**DUPAGE WATER COMMISSION
2018 – 2023
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 leased by the Commission.

COST: \$1,000,000

TIMING: Fiscal years 2018-2020 – Engineering & Installation

**DUPAGE WATER COMMISSION
2018 – 2023
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 issues caused by the water leakage.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$1,250,000

TIMING: Fiscal years 2018-2023 – Work Completion

**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: DuPage Pumping Station Condition Assessment

LOCATION: DuPage Pumping Station

DESCRIPTION: This project will cover various rehabilitation located at the Elmhurst Campus.

PURPOSE: The Administration Building / Pump Station and surrounding grounds are 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:

- Building structures
- Mechanical System
- Electrical Systems
- Paint Finishes
- Landscape and Parking Areas

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

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$2,000,000

TIMING: Fiscal years 2019-2020 – Work Completion

DuPAGE WATER COMMISSION
2018 – 2023
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: \$1,000,000

TIMING: Fiscal years 2018-2019 – Work Completion

**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Disinfection Facility Exterior and Interior Building Rehabilitation

LOCATION: DuPage Pumping Station

DESCRIPTION: This project will rehabilitate exterior and interior portions of the Disinfection Facility.

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

- Install a spill containment sump at the fill station with a controlled outlet to a nearby sanitary sewer.
- Install outdoor storage tank level indicators adjacent to the fill station, with a high-level alarm light.

Make general repairs to the facility including:

- Repair of concrete and masonry
- Preparation and painting of all interior surfaces
- Replacement of damaged floor coatings

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

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$523,740

TIMING: Fiscal year 2018-2019 – Work Completion

**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: E & W Effluent Vault Exterior and Interior Building Rehabilitation

LOCATION: DuPage Pumping Station

DESCRIPTION: This project will rehabilitate exterior and interior portions of the East Effluent Vault.

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

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

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$123,540

TIMING: Fiscal year 2018-2019 – Work Completion

**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Reservoir Influent Building Exterior and Interior Building Rehabilitation

LOCATION: DuPage Pumping Station

DESCRIPTION: This project will rehabilitate exterior and interior portions of the Reservoir Influent Building.

PURPOSE: This project will rehabilitate exterior and interior portions of the Reservoir Influent Building. Work will include:

- Masonry tuckpointing and restoration
- Replacement of exterior door hardware and painting of lintel
- Painting of corroded metallic surfaces
- Further inspection of structural steel elements. Replace if necessary
- Painting of corroded process piping, valves and equipment
- Repair of cracked or deteriorated concrete areas
- Sealing of water leakage at cracks

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

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$170,520

TIMING: Fiscal year 2018-2019 – Work Completion

**DUPAGE WATER COMMISSION
2018 – 2023
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 2020-2021 – Work Completion

**DUPAGE WATER COMMISSION
2018 – 2023
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 2020-2021 – Work Completion

**DUPAGE WATER COMMISSION
2018 – 2023
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 2020-2021 – Work Completion

**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: **Humidification System for Generation Building**

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: \$50,000

TIMING: Fiscal year 2018-2019 – Work Completion

**DUPAGE WATER COMMISSION
2018 – 2023
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: \$550,000

TIMING: Fiscal year 2018-2019 – Work Completion

**DUPAGE WATER COMMISSION
2018 – 2023
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: \$500,000

TIMING: Fiscal year 2018-2019 – Work Completion

**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Replacement of Vehicle Radio System

LOCATION: DuPage Pumping Station and All Commission Vehicles

DESCRIPTION: Replace existing radio equipment used for the Illinois State Police (ISP) radio system.

PURPOSE: The current radio equipment supplier has discontinued support, repair, and replacement of the Commission two-way radio equipment. The manufacture has upgraded their equipment to enhance the functionality of the system. The Commission will be replacing all vehicle and base station radios as well as the remote repeaters.

BENEFIT: Provide Commission employees with a reliable back-up communication system during emergency and non-emergency situations.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$187,000

TIMING: Fiscal year 2018-2019 – Work Completion

**DUPAGE WATER COMMISSION
2018 – 2023
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
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

DISTRIBUTION & STORAGE IMPROVEMENTS



**DUPAGE WATER COMMISSION
2018 – 2023
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: \$2,000,000

TIMING: Fiscal years 2018-2022 – Engineering

**DUPAGE WATER COMMISSION
2018 – 2023
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: \$150,000

TIMING: Fiscal years 2018-2020 – Engineering & Construction

**DUPAGE WATER COMMISSION
2018 – 2023
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: \$4,188,990

TIMING: Fiscal years 2019-2023 – Construction

**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: **Distribution System Upgrades**

LOCATION: Various Locations within Cook and DuPage Counties

DESCRIPTION: Replacement of valves, pipes, and other structures in the distribution system

PURPOSE: As assets continue to age their failure rate increases which prevents them operating as required. As a result, it's become necessary to extend the size and duration of pipeline isolations which interrupts the supply to other customers.

BENEFIT: Eliminate the possibility of future distribution system assets failures and insure a reliable delivery system for our customers.

ESTIMATED COST (CURRENT YEAR DOLLARS)

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

COST: \$4,000,000

TIMING: Fiscal years 2019-2023 – Construction

**DUPAGE WATER COMMISSION
2018 – 2023
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: \$16,000,000

TIMING: Fiscal years 2018-2020 – Legal - Engineering - Construction

**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Replace Variable Frequency Drives (VFD) at Tank 1 Pump Station

LOCATION: Tank Site 1 (Roselle)

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

PURPOSE: The existing units are reaching the end of their useful life and we are starting to experience increased maintenance costs and a reduction in reliability with the units.

BENEFIT: These new VFD's will allow the Commission to operate the pump station in a more efficient manner and reduce maintenance cost going forward.

ESTIMATED COST (CURRENT YEAR DOLLARS)

COST: \$90,000

TIMING: Fiscal years 2018-2019 – Legal - Engineering - Construction

**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Tank Site Rehabilitation

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: \$300,000

TIMING: Fiscal years 2018-2019 – Construction

**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

CUSTOMER METERING FACILITIES



**DUPAGE WATER COMMISSION
2018 – 2023
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: \$1,350,000

TIMING: Fiscal years 2018-2019 – Installation

**DUPAGE WATER COMMISSION
2018 – 2023
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: **Flow Meter Replacement**

LOCATION: Multiple locations throughout DuPage County

DESCRIPTION: Replacement of customer flow meters.

PURPOSE: Updating flow meters that have outlived their life expectancy.

BENEFIT: Increased accuracy in flow meters used for billing customers.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

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

COST: \$300,000

TIMING: Fiscal years 2018-2019 – Installation

**DUPAGE WATER COMMISSION
2018 – 2023
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: \$925,000

TIMING: Fiscal year 2018-2019