



# 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 5:30 P.M. ON THURSDAY, FEBRUARY 18, 2021, AT ITS OFFICE 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 18, 2021  
5:30 P.M.**

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

- I. Roll Call
- II. Tentative Draft Fiscal Year 2021-2022 Budget
- III. Other
- IV. Adjournment

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Due to the Coronavirus, the February 18, 2021 Commission Meeting will not be open to the public. Please submit comments for the Board Meeting to [admin@dpwc.org](mailto:admin@dpwc.org)



**DuPage Water Commission  
Fiscal Year 2021-2022  
Tentative Draft Budget  
May 1, 2021 to April 30, 2022**

**March 1, 2021**



# DuPage Water Commission

## MEMORANDUM

TO: Charter Customers and Bond Trustees

FROM: John Spatz, General Manager

DATE: March 1, 2021

SUBJECT: FY 2021-2022 Tentative Draft Management Budget

The Board of Commissioners is currently reviewing the tentative draft management budget for the fiscal year 2021-2022. 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 15, 2021 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	Village of Bartlett
Illinois American Water Company	
City of Oakbrook Terrace	
Village of Winfield	

**DuPage Water Commission**  
**Tentative Draft Management Budget**  
**May 1, 2021 to April 30, 2022**  
**Executive Summary**

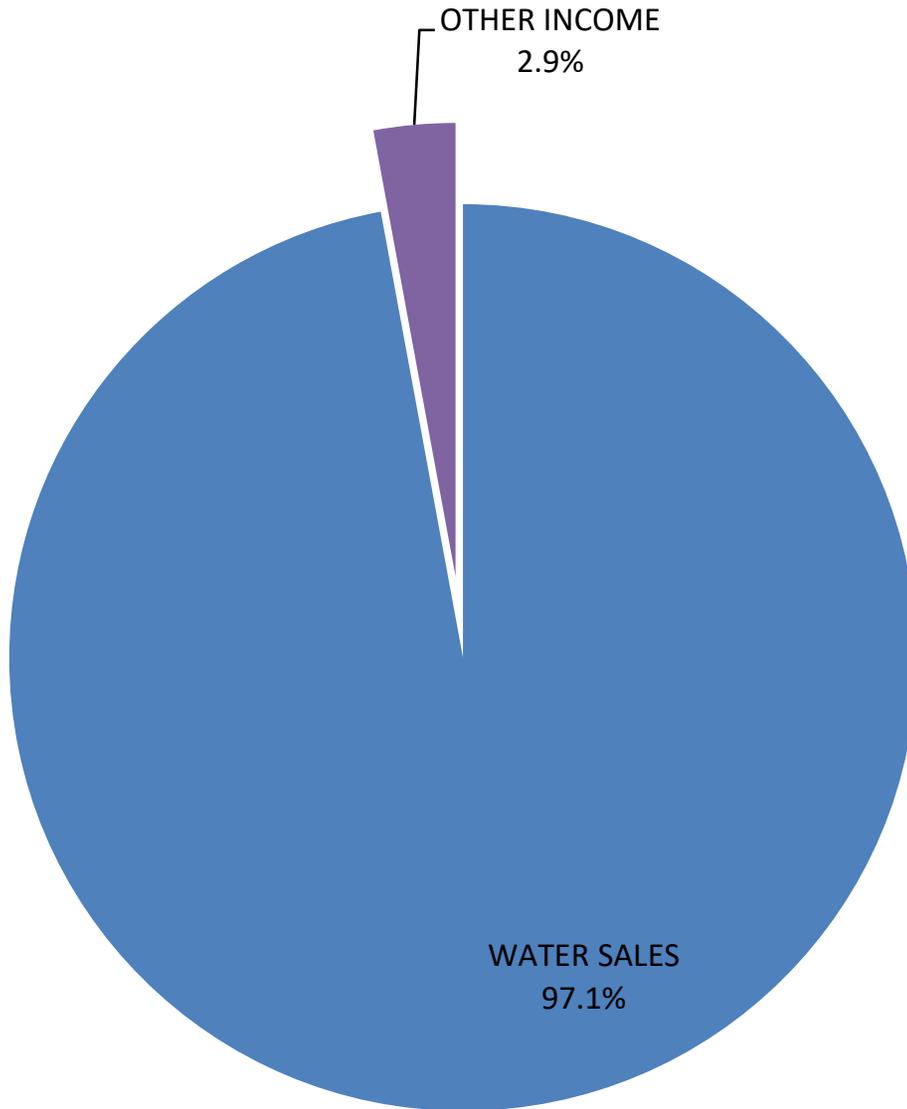
- With this Tentative Budget for fiscal year 2021-2022, the Commission continues to be a self-sustaining water utility, operating almost entirely on our water sales. The Commission continues to hold the line on spending while maximizing efficiencies.
- This Tentative Budget for fiscal year 2021-2022, which goes through April of 2022, reflects no increase in the Commission's total water rate. The water rate will remain the same as last fiscal year at \$4.97 per thousand gallons. The Commission, however, anticipated a water rate increase from the City of Chicago based on the increase in the Consumer Price Index from December 2019 to 2020. Their increase is estimated to be 1.10% or \$0.04 per thousand gallons for fiscal year 2021-2022.
- The Commission has done an outstanding job at minimizing water rate increases for our customers. With this proposed Tentative Budget for fiscal year 2021-2022, the Commission's total water rate will have remained the same at \$4.97 per thousand gallons for three years, even though our water rates from the City of Chicago, our supplier, will have increased by over 3.5%.
- Total budgeted revenues decrease by \$0.6 million versus the fiscal year 2020-2021 budget. The main drivers are as follows:
  - On May 1, 2021, the total Charter Customer's water rate will remain at \$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 be about the same based upon the projections and current trends.
  - The interest income is budgeted to decrease by \$0.6 due to the additional interest income gained related to the Village of Bartlett project will cease, since Bartlett has paid back their loan early. The rate of return on the Commission's current investments should be about the same.
- Total operating expenses (excluding construction) increase by \$3.0 million versus the fiscal year 2020-2021 budget. The main drivers are as follows:
  - The total budgeted costs for water purchased from the City of Chicago increases from \$106.0 million to \$107.1 million, which is an increase in that expense by \$1.1 million. This amount is based on the expectation of purchasing the same amount of water from the City compared to the last fiscal year, with a water rate increase from the City based upon the consumer price index from December 2019 to December 2020.
  - Personnel services are budgeted to increase related to wage and salary adjustments, overtime, pension and medical benefits. Also, the Commission is expecting a large number of employees to retire in fiscal year 2021-2022.

Therefore, the Commission has planned for additional personnel for months of overlap for training and a smooth transition.

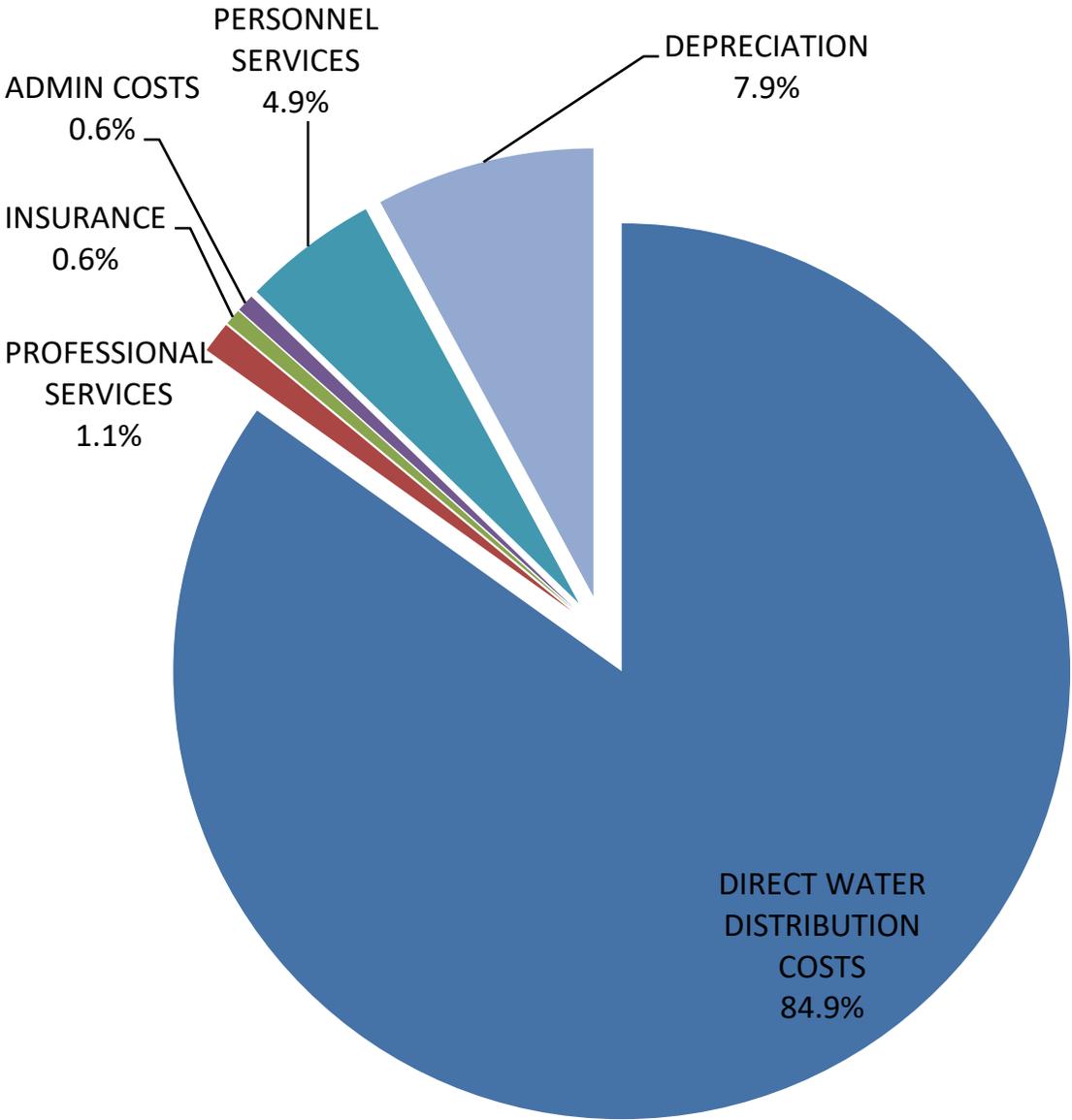
- Pipeline Repairs and Maintenance are budgeted to increase related to cost that the Commission has experienced with repairs in the current fiscal year.
- All capital construction expenditures for fiscal year 2021-2022 have remained separated from operating accounts. The Commission has also included a Five-Year Capital Improvement Plan for 2021-2026.

DRAFT

**DuPage Water Commission  
2021-2022 Budget Projection  
Revenues \$128,981,226**



**DuPage Water Commission  
2021-2022 Budget Projection  
Expenses \$133,956,464**



**TOTAL REVENUES AND OPERATING EXPENSES.** The Total Charter Customer water rate on May 1, 2021 will be \$4.97 per 1,000 gallons. This water rate is the same water rate as the prior year. No increase in water rate is budgeted for fiscal year 2021-2022. 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.

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

Contribution income is related to the connection facilities (pipeline and metering station) assets being transferred to the Commissions ledger.

Total operating expenditures in the fiscal year 2021-2022 budget are expected to increase primarily due to water rate increases, adjusted salary and wages, additional professional services, and higher depreciation costs.

**CONSTRUCTION EXPENDITURES**

Construction projects for fiscal year 2021-2022 include, replacement of the distribution system upgrades, SCADA system, building improvements, and an additional high lift pump.

DUPAGE WATER COMMISSION  
TENTATIVE DRAFT MANAGEMENT BUDGET  
MAY 1, 2021 TO APRIL 30, 2022

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 19-20 ACTUAL	WATER FUND FY 20-21 BUDGET	WATER FUND FY 20-21 PROJECTED	WATER FUND FY 21-22 BUDGET	% CHANGE	% CHANGE
							FY 20-21 BUDGET VS FY 20-21 BUDGET PROJECTED	FY 20-21 BUDGET VS FY 21-22 BUDGET
01	500000							
	REVENUES							
01	511000	PAGE 3	125,989,793	125,276,568	130,200,000	125,276,568	3.9%	0.0%
	O & M PAYMENTS							
01	512000	PAGE 3	0	0	0	0	N/A	N/A
	FIXED COST PAYMENTS							
01	513000	PAGE 3	2,623,814	2,784,740	2,784,732	2,784,740	0.0%	0.0%
	SUBSEQUENT CUSTOMER DIFFERENTIAL							
01	514000	PAGE 3	16,868	20,725	40,000	20,725	93.0%	0.0%
	EMERGENCY WATER SERVICE							
01	530010	PAGE 3	14,515	0	24,000	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	9,099,159	1,457,000	2,650,000	899,192	81.9%	-38.3%
	INTEREST INCOME							
01	590000	PAGE 3	28,002	0	33,780	0	N/A	N/A
	OTHER INCOME							
01	592000	PAGE 3	14,978,162	0	0	0	N/A	N/A
	CONTRIBUTIONS*							
	TOTAL REVENUE		152,750,313	129,539,034	135,732,512	128,981,226	4.8%	-0.4%
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	4,728,741	5,723,956	5,293,480	6,533,183	-7.5%	14.1%
	PERSONNEL SERVICES							
01	60 620000	PAGE 7	772,758	1,500,620	959,900	1,519,400	-36.0%	1.3%
	PROFESSIONAL SERVICES							
01	60 640000	PAGE 8	507,055	685,300	646,600	783,300	-5.6%	14.3%
	INSURANCE							
01	60 650000	PAGE 9	481,862	744,396	583,000	764,826	-21.7%	2.7%
	ADMINISTRATIVE COSTS							
01	60 660000	PAGE 10	107,974,982	111,958,559	115,331,200	113,707,805	3.0%	1.6%
	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	58,392	99,950	83,500	85,950	-16.5%	-14.0%
	EQUIPMENT, LAND AND RIGHT-OF-WAY							
01	60 690000	PAGE 12	9,072,827	10,285,000	9,450,400	10,562,000	-8.1%	2.7%
	DEPRECIATION							
	TOTAL OPERATING EXPENDITURES		123,596,617	130,997,781	132,348,080	133,956,464	1.0%	2.3%
01	60 700000	PAGE 13	0	0	0	0	N/A	N/A
	CONSTRUCTION EXPENDITURES							
	TOTAL EXPENDITURES		123,596,617	130,997,781	132,348,080	133,956,464	1.0%	2.3%
	NET OPERATING ACCOUNTING TRANSACTIONS		29,153,696	(1,458,748)	3,384,432	(4,975,239)	-332.0%	241.1%

**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 \$69.2 million in the 2021-2022 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, 2021 TO APRIL 30, 2022

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 19-20 ACTUAL	WATER FUND FY 20-21 BUDGET	WATER FUND FY 20-21 PROJECTED	WATER FUND FY 21-22 BUDGET	% CHANGE FY 20-21 BUDGET VS FY 20-21 BUDGET PROJECTED	% CHANGE FY 20-21 BUDGET VS FY 21-22 BUDGET
	NET ASSETS BALANCE							
	NET CURRENT YEAR TRANSACTIONS	PAGE 1	29,153,696	(1,458,748)	3,384,432	(4,975,239)	-332.0%	241.1%
	BEGINNING NET ASSET BALANCE		517,600,831	546,754,527	546,754,527	550,138,959	0.0%	0.6%
	ENDING NET ASSET BALANCE		546,754,527	545,295,779	550,138,959	545,163,720	0.9%	0.0%
	NET ASSETS BALANCE ANALYSIS							
	UNRESTRICTED ASSETS							
	BOARD DESIGNATED:							
	HELD FOR EMERGENCY REPAIRS		0	0	0	0	N/A	N/A
	OPERATING RESERVE		68,306,825	70,529,317	70,529,317	69,210,969	0.0%	-1.9%
	LONG-TERM WATER CAPITAL RESERVE		17,501,220	18,325,000	18,325,000	20,425,000	0.0%	11.5%
	CAPITAL RESERVE		46,710,261	58,255,000	58,255,000	64,750,000	0.0%	11.1%
	NON-BOARD DESIGNATED:							
01	421400 NET UNRESTRICTED/UNCOMMITTED		74,894,335	36,909,076	65,923,156	37,353,765	78.6%	1.2%
01	421000 TOTAL UNRESTRICTED NET ASSETS		207,412,641	184,018,393	213,032,473	191,739,734	15.8%	4.2%
01	421000 UNRESTRICTED NET ASSETS		207,412,641	184,018,393	213,032,473	191,739,734	15.8%	4.2%
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		339,341,886	361,277,386	337,106,486	353,423,986	-6.7%	-2.2%
	NET ASSETS BALANCE		546,754,527	545,295,779	550,138,959	545,163,720	0.9%	0.0%

**WATER REVENUES.** The Total Charter Customer water rate effective on May 1, 2021 is \$4.97 per 1,000 gallons, which is unchanged 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 2021-2022 are budgeted to remain the same based upon no water rate increase and projection to sell the same quantity as budgeted in the 2020-2021 fiscal year.

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 remain relatively unchanged from the prior fiscal year. 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 2021-2022 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 \$140 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, 2021 TO APRIL 30, 2022

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 19-20 ACTUAL	WATER FUND FY 20-21 BUDGET	WATER FUND FY 20-21 PROJECTED	WATER FUND FY 21-22 BUDGET	% CHANGE FY 20-21 BUDGET VS FY 20-21 BUDGET PROJECTED	% CHANGE FY 20-21 BUDGET VS FY 21-22 BUDGET
01	500000							
	REVENUES							
01	510000							
	WATER REVENUES							
01	511000		125,989,793	125,276,568	130,200,000	125,276,568	3.9%	0.0%
01	512000		0	0	0	0	N/A	N/A
01	512000		0	0	0	0	N/A	N/A
01	513000		2,623,814	2,784,740	2,784,732	2,784,740	0.0%	0.0%
01	514000		16,868	20,725	40,000	20,725	93.0%	0.0%
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01	514000		16,868	20,725	40,000	20,725	93.0%	0.0%
01	530010		14,515	0	24,000	0	N/A	N/A
01	530030		0	0	0	0	N/A	N/A
01	580000							
	INVESTMENT EARNINGS							
01	581000		8,332,750	700,000	2,000,000	700,000	185.7%	
01	582000		766,409	757,000	650,000	199,192	-14.1%	-73.7%
01	590000		28,002	0	33,780	0	N/A	N/A
01	592000		14,978,162	0	0	0	N/A	
	CONTRIBUTIONS*							
	TOTAL REVENUE		152,750,313	129,539,034	135,732,512	128,981,226	4.8%	-0.4%

**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 2019 and 2020. However, fixed cost equivalent will remain at \$0.00 per 1,000 gallons.

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DUPAGE WATER COMMISSION  
 ESTIMATED CUSTOMER  
 FIXED COST PAYMENT SCHEDULE  
 MAY 1, 2021 TO APRIL 30, 2022

EXHIBIT 1

CUSTOMER	2019 & 2020	2019 & 2020	REQUIRED	FOR:											
	CALENDAR YEARS USE (1000 GAL)	CALENDAR YEARS % USAGE	\$0 AMOUNT TO BE RATE FUNDED \$0	05/31/21 DUE: 07/10/21	06/30/21 DUE: 08/10/21	07/31/21 DUE: 09/10/21	08/31/21 DUE: 10/10/21	09/30/21 DUE: 11/10/21	10/31/21 DUE: 12/10/21	11/30/21 DUE: 01/10/22	12/31/21 DUE: 02/10/22	01/31/22 DUE: 03/11/22	02/28/22 DUE: 04/10/22	03/31/22 DUE: 05/10/22	04/30/22 DUE: 06/10/22
ADDISON	2,134,353	4.1146%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BARTLETT	1,872,874	3.6105%	0	0	0	0	0	0	0	0	0	0	0	0	0
BENSENVILLE	1,048,522	2.0213%	0	0	0	0	0	0	0	0	0	0	0	0	0
BLOOMINGDALE	1,443,847	2.7834%	0	0	0	0	0	0	0	0	0	0	0	0	0
CAROL STREAM	2,256,109	4.3493%	0	0	0	0	0	0	0	0	0	0	0	0	0
CLARENDON HILLS	464,402	0.8953%	0	0	0	0	0	0	0	0	0	0	0	0	0
DARIEN	1,143,619	2.2047%	0	0	0	0	0	0	0	0	0	0	0	0	0
DOWNERS GROVE	3,473,093	6.6954%	0	0	0	0	0	0	0	0	0	0	0	0	0
ELMHURST	2,758,661	5.3181%	0	0	0	0	0	0	0	0	0	0	0	0	0
GLEN ELLYN	1,552,191	2.9923%	0	0	0	0	0	0	0	0	0	0	0	0	0
GLENDALE HTS	1,666,001	3.2117%	0	0	0	0	0	0	0	0	0	0	0	0	0
HINSDALE	1,678,765	3.2363%	0	0	0	0	0	0	0	0	0	0	0	0	0
ITASCA	870,848	1.6788%	0	0	0	0	0	0	0	0	0	0	0	0	0
LISLE	1,562,558	3.0123%	0	0	0	0	0	0	0	0	0	0	0	0	0
LOMBARD	2,631,781	5.0735%	0	0	0	0	0	0	0	0	0	0	0	0	0
NAPERVILLE	10,241,973	19.7443%	0	0	0	0	0	0	0	0	0	0	0	0	0
OAK BROOK	1,729,841	3.3348%	0	0	0	0	0	0	0	0	0	0	0	0	0
OAK BROOK TERRACE	170,791	0.3292%	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSELLE	1,090,943	2.1031%	0	0	0	0	0	0	0	0	0	0	0	0	0
VILLA PARK	1,109,600	2.1391%	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTMONT	1,607,665	3.0992%	0	0	0	0	0	0	0	0	0	0	0	0	0
WHEATON	3,174,179	6.1191%	0	0	0	0	0	0	0	0	0	0	0	0	0
WILLOWBROOK	662,063	1.2763%	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOD DALE	778,510	1.5008%	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODRIDGE	1,811,509	3.4922%	0	0	0	0	0	0	0	0	0	0	0	0	0
WINFIELD	550,382	1.0610%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-SERWF	707,805	1.3645%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-GLEN ELLYN HEIGHTS	151,333	0.2917%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-HOBSON	31,005	0.0598%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-STEEPLE RUN	89,607	0.1727%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-NORDIC PARK (1)	40,772	0.0786%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-YORK CENTER	82,216	0.1585%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-ARROWHEAD	105,567	0.2035%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-COUNTRY CLUB	53,168	0.1025%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-DP/LISLE	345,830	0.6667%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-LMBRD HGHTS	32,500	0.0627%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-VALLEY VIEW	340,135	0.6557%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-LIBERTY RIDGE WEST	162,648	0.3136%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-LIBERTY RIDGE EAST	22,001	0.0424%	0	0	0	0	0	0	0	0	0	0	0	0	0
ARGONNE NATIONAL LAB	223,274	0.4304%	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL CUSTOMERS TOTAL	51,872,941	100.0000%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

(1) - NO ALLOCATION. WATER USAGE FOR 2018 & 2019 USED IN CALCULATION.

	FY 2021-22	FY 2020-21	FY 2019-20	FY 2018-19
ESTIMATED O & M RATE	\$4.97	\$4.97	\$4.97	\$4.94
ESTIMATED FIXED COST EQUIVALENT	\$0.00	\$0.00	\$0.00	\$0.00
ESTIMATED TOTAL RATE PER THOUSAND GALLONS	\$4.97	\$4.97	\$4.97	\$4.94

**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 2021-2022 based upon salary adjustments and to accommodate for future cost of living adjustments. The Commission is expecting a high employee turnover in 2021-2022 and has planned for succession. The succession plan requires employee overlap for training and a smooth transition.

**BENEFITS AND TAXES.** The Commission participates in the Illinois Municipal Retirement Fund (IMRF) and budgeted for a contribution rate of 7.5% for 2021. 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, 2019 actuarial valuation, the Commission's Net Pension Asset is approximately \$1.2 million. The Commission also budgeted an additional \$300,000 for charges related to the possibility of many employees retiring in the fiscal year.

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 January 1, 2021, with an estimated increase for the last four months of the budget year. Additional funding is budgeted based upon the succession plan and current employees turning the age of 26 and enrolling in the Commission's plans.

**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.

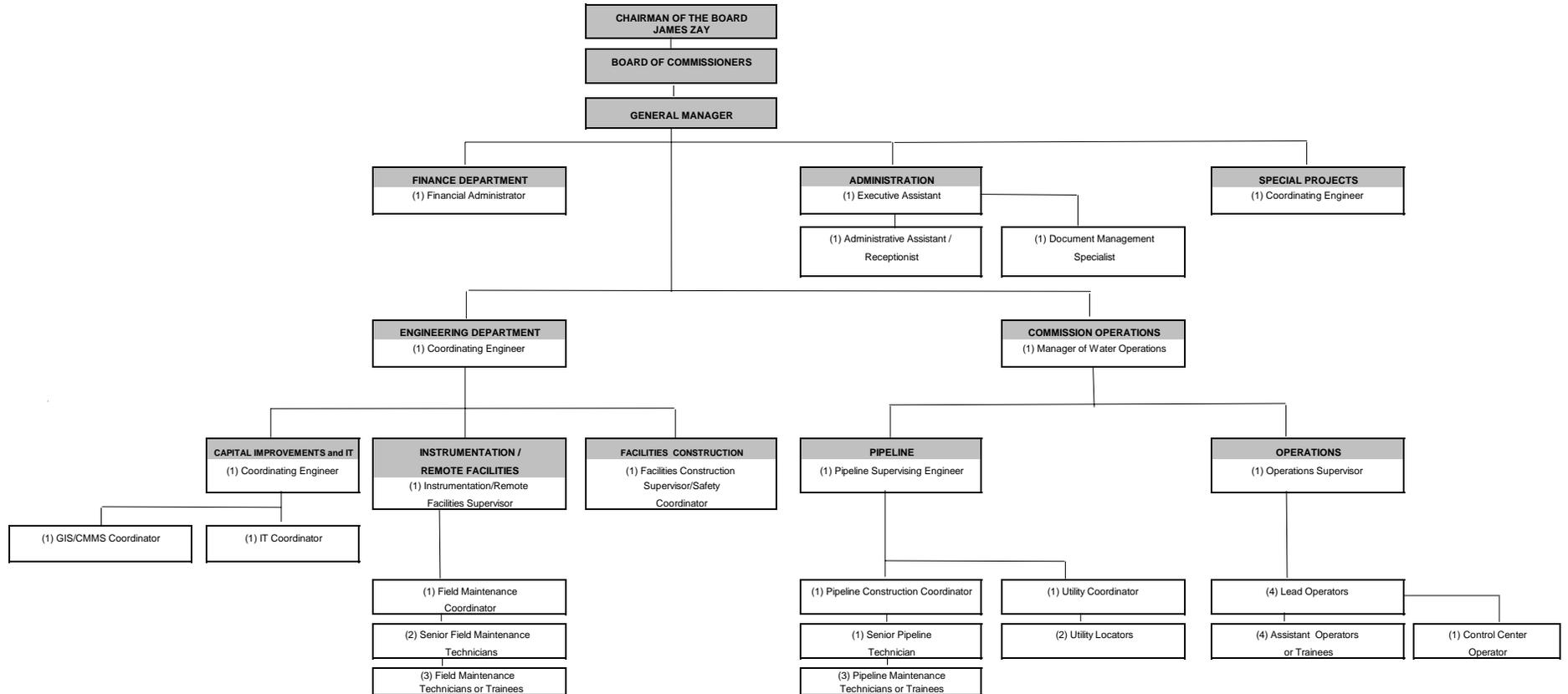
DUPAGE WATER COMMISSION  
TENTATIVE DRAFT MANAGEMENT BUDGET  
MAY 1, 2021 TO APRIL 30, 2022

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 19-20 ACTUAL	WATER FUND FY 20-21 BUDGET	WATER FUND FY 20-21 PROJECTED	WATER FUND FY 21-22 BUDGET	% CHANGE	% CHANGE
							FY 20-21 BUDGET VS FY 20-21 BUDGET PROJECTED	FY 20-21 BUDGET VS FY 21-22 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		1,570,101	1,698,400	1,613,480	2,146,600	-5.0%	26.4%
01 60 611200	OPERATIONS-REGULAR		1,777,975	1,955,000	1,955,000	1,960,800	0.0%	0.3%
01 60 611300	SUMMER INTERNS		14,756	40,000	0	48,000	-100.0%	20.0%
01 60 611600	ADMINISTRATIVE - OVERTIME		2,566	7,400	2,000	7,400	-73.0%	0.0%
01 60 611700	OPERATIONS - OVERTIME		250,868	215,050	260,000	294,120	20.9%	36.8%
01 60 612000	BENEFITS AND TAXES							
01 60 612100	PENSION		58,237	474,110	360,000	634,269	-24.1%	33.8%
01 60 612200	MEDICAL/LIFE BENEFITS		738,230	855,104	730,000	885,160	-14.6%	3.5%
01 60 612300	FEDERAL PAYROLL TAXES		256,106	299,563	284,000	340,954	-5.2%	13.8%
01 60 612800	STATE UNEMPLOYMENT TAXES		3,365	13,780	5,000	13,780	-63.7%	0.0%
01 60 613000	PROFESSIONAL DEVELOPMENT							
01 60 613100	TRAVEL		7,587	10,800	9,000	11,400	-16.7%	5.6%
01 60 613200	TRAINING		16,567	55,050	30,000	65,500	-45.5%	19.0%
01 60 613301	CONFERENCES		22,869	48,400	18,000	62,900	-62.8%	30.0%
01 60 613302	TUITION REIMBURSEMENT		312	25,000	19,000	30,000	-24.0%	20.0%
01 60 619000	OTHER PERSONNEL COSTS							
01 60 619100	OTHER PERSONNEL COSTS		9,202	26,300	8,000	32,300	-69.6%	22.8%
	TOTAL PERSONAL SERVICES		4,728,741	5,723,956	5,293,480	6,533,183	-7.5%	14.1%

**PERSONNEL TABLE.** The personnel service budget is based on the personnel structure in the table below. The total personnel budgeted for fiscal year 2021-2022 is 38. The additional position added to this year's budget would be the possibility of hiring an additional trainee position for pipeline.

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**DUPAGE WATER COMMISSION  
ORGANIZATIONAL CHART  
FISCAL YEAR 2021-2022**



**WATER CONSERVATION PROGRAM.** The amount budgeted is planned to decrease significantly due to the reduction of additional projects.

**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, 2021 to be conducted in fiscal year 2021-2022.

**CONSULTING SERVICES.** Major consulting costs in fiscal year 2021-2022 include engineering consultants (\$70,000), future unidentified and miscellaneous services (\$60,000), Infor upgrade services (\$52,000), network consultant (\$40,000), and application development consultants (\$30,000).

**CONTRACTUAL SERVICES.** Major contractual services include comprehensive IT security (\$160,000), corrosion protection (\$150,000), network support and monitoring (\$96,000), accounting services (\$72,000), landscape maintenance (\$35,000), backup cloud services (\$35,000), custodial services (\$30,000), and temporary personnel services (\$30,000).

DUPAGE WATER COMMISSION  
 TENTATIVE DRAFT MANAGEMENT BUDGET  
 MAY 1, 2021 TO APRIL 30, 2022

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 19-20 ACTUAL	WATER FUND FY 20-21 BUDGET	WATER FUND FY 20-21 PROJECTED	WATER FUND FY 21-22 BUDGET	% CHANGE FY 20-21 BUDGET VS FY 20-21 PROJECTED	% CHANGE FY 20-21 BUDGET VS FY 21-22 BUDGET
01 60 620000	PROFESSIONAL SERVICES							
01 60 621000	WATER CONSERVATION PROGRAM		10,738	101,000	10,000	21,000	-90.1%	-79.2%
01 60 623000	FINANCIAL SERVICES							
01 60 623300	INVESTMENT FEES & BANK CHARGES		107,515	121,200	120,000	130,000	-1.0%	7.3%
01 60 625000	LEGAL SERVICES							
01 60 625100	GENERAL COUNSEL		37,665	90,000	50,000	90,000	-44.4%	0.0%
01 60 625200	BOND COUNSEL		0	0	0	0	N/A	N/A
01 60 625300	SPECIAL COUNSEL		2,401	50,000	10,000	75,000	-80.0%	50.0%
01 60 625800	LEGAL NOTICES		8,353	37,500	20,000	39,500	-46.7%	5.3%
01 60 626000	AUDIT SERVICES		28,800	31,000	29,900	31,000	-3.5%	0.0%
01 60 628000	CONSULTING SERVICES		115,818	240,700	140,000	302,700	-41.8%	25.8%
01 60 629000	CONTRACTUAL SERVICES		461,468	829,220	580,000	830,200	-30.1%	0.1%
	TOTAL PROFESSIONAL SERVICES		772,758	1,500,620	959,900	1,519,400	-36.0%	1.3%

**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, \$100,000 was budgeted to primarily cover any possible deductible amounts.

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DUPAGE WATER COMMISSION  
 TENTATIVE DRAFT MANAGEMENT BUDGET  
 MAY 1, 2021 TO APRIL 30, 2022

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 19-20 ACTUAL	WATER FUND FY 20-21 BUDGET	WATER FUND FY 20-21 PROJECTED	WATER FUND FY 21-22 BUDGET	% CHANGE	% CHANGE
							FY 20-21 BUDGET VS FY 20-21 BUDGET PROJECTED	FY 20-21 BUDGET VS FY 21-22 BUDGET
01 60 640000	INSURANCE							
01 60 641000	CASUALTY INSURANCE							
01 60 641100	GENERAL LIABILITY		38,226	56,000	44,000	69,000	-21.4%	23.2%
01 60 641200	PUBLIC OFFICIAL'S LIABILITY		19,058	23,300	19,600	23,300	-15.9%	0.0%
01 60 641500	WORKER'S COMPENSATION		94,529	115,000	115,000	130,000	0.0%	13.0%
01 60 641600	UMBRELLA COVERAGE		26,447	35,000	31,000	40,000	-11.4%	14.3%
01 60 642000	PROPERTY INSURANCE							
01 60 642100	PROPERTY		342,600	386,000	360,000	396,000	-6.7%	2.6%
01 60 642200	AUTOMOBILE INSURANCE		14,417	20,000	17,000	25,000	-15.0%	25.0%
01 60 649000	OTHER COVERAGE							
01 60 649100	SELF INSURED CLAIMS		(28,222)	50,000	60,000	100,000	20.0%	100.0%
	TOTAL INSURANCE		507,055	685,300	646,600	783,300	-5.6%	14.3%

**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, 2021 TO APRIL 30, 2022

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 19-20 ACTUAL	WATER FUND FY 20-21 BUDGET	WATER FUND FY 20-21 PROJECTED	WATER FUND FY 21-22 BUDGET	% CHANGE	% CHANGE
							FY 20-21 BUDGET VS PROJECTED	FY 20-21 BUDGET VS FY 21-22 BUDGET
01 60 650000	ADMINISTRATIVE COSTS							
01 60 651000	OCCUPANCY COSTS							
01 60 651200	GENERATOR DIESEL FUEL		52,194	112,500	55,000	112,500	-51.1%	0.0%
01 60 651300	NATURAL GAS		17,360	33,000	24,000	33,000	-27.3%	0.0%
01 60 651400	COMMUNICATION SYSTEMS		58,217	99,280	70,000	101,260	-29.5%	2.0%
01 60 652000	ADMINISTRATION SUPPLIES							
01 60 652100	OFFICE SUPPLIES		18,496	29,220	20,000	28,220	-31.6%	-3.4%
01 60 652200	BOOKS & PUBLICATIONS		2,965	12,621	8,000	12,771	-36.6%	1.2%
01 60 653000	PRINTING & POSTAGE							
01 60 653100	PRINTING - GENERAL		1,442	5,650	3,000	6,650	-46.9%	17.7%
01 60 653200	POSTAGE & DELIVERY		5,344	6,600	6,000	6,600	-9.1%	0.0%
01 60 654000	PROFESSIONAL DUES		10,648	24,605	18,000	24,605	-26.8%	0.0%
01 60 655000	OFFICE EQUIPMENT REPAIRS		8,384	13,620	10,000	13,620	-26.6%	0.0%
01 60 656000	REPAIRS & MAINT - BLDGS & GRN		191,208	225,000	210,000	227,000	-6.7%	0.9%
01 60 658000	COMPUTER SOFTWARE		16,032	45,200	30,000	45,200	-33.6%	0.0%
01 60 659000	SOFTWARE MAINTENANCE		94,552	126,000	126,000	141,500	0.0%	12.3%
01 60 659100	OTHER ADMINISTRATIVE EXPENSE		5,020	11,100	3,000	11,900	-73.0%	7.2%
	TOTAL ADMINISTRATIVE & MAINTENANCE COSTS		481,862	744,396	583,000	764,826	-21.7%	2.7%

**WATER SUPPLY.** Water costs from the City of Chicago are budgeted on the assumption the Commission's water usage will remain the same compared to amounts that were budgeted from the last fiscal year. The Commission estimates budgeted purchases to be 26.0 billion gallons of water at an average rate of \$4.12 per 1,000 gallons in fiscal year 2021-2022. The next water rate adjustment by the City of Chicago is scheduled to be on June 1, 2021, 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 2020, increased approximately 1.10%; 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 2021-2022 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 (\$1,000,000) and manhole repairs and adjustments (\$150,000).

**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, 2021 TO APRIL 30, 2022

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 19-20 ACTUAL	WATER FUND FY 20-21 BUDGET	WATER FUND FY 20-21 PROJECTED	WATER FUND FY 21-22 BUDGET	% CHANGE	% CHANGE
							FY 20-21 BUDGET VS FY 20-21 PROJECTED	FY 20-21 BUDGET VS FY 21-22 BUDGET
01 60 660000	DIRECT WATER DISTRIBUTION COSTS							
01 60 661000	WATER SUPPLY							
01 60 661101	WATER PURCHASES-CHICAGO		103,730,572	106,023,439	110,000,000	107,062,885	3.8%	1.0%
01 60 661102	ELECTRIC-CHICAGO		1,132,740	1,300,000	1,200,000	1,300,000	-7.7%	0.0%
01 60 661103	MAINTENANCE-CHICAGO		413,810	720,000	500,000	780,000	-30.6%	8.3%
01 60 661104	MAJOR MAINTENANCE-CHICAGO		104,676	150,000	75,000	250,000	-50.0%	66.7%
01 60 661200	ELECTRIC - DuPAGE		1,560,323	1,900,000	1,600,000	1,900,000	-15.8%	0.0%
02 61 661202	METER STATION, ROV, TANK SITE		132,832	151,000	130,000	151,000	-13.9%	0.0%
01 60 661300	WATER CHEMICALS		3,053	49,200	10,000	51,000	-79.7%	3.7%
01 60 661400	WATER TESTING		26,984	41,000	30,000	43,500	-26.8%	6.1%
01 60 662000	PUMP STATION OPERATIONS							
01 60 662100	PUMPING SERVICES		168,150	187,800	150,000	187,800	-20.1%	0.0%
01 60 662300	METER TESTING & REPAIR		16,379	33,500	17,000	34,200	-49.3%	2.1%
01 60 662400	SCADA/INSTRUMENTATION		65,453	61,900	61,900	62,600	0.0%	1.1%
01 60 662500	EQUIPMENT RENTAL		0	11,700	1,000	11,700	-91.5%	0.0%
01 60 662600	UNIFORMS		19,010	17,000	15,000	17,000	-11.8%	0.0%
01 60 662700	SAFETY		64,287	104,020	112,000	154,020	7.7%	48.1%
01 60 663000	PIPELINE MAINTENANCE							
01 60 663100	PIPELINE REPAIRS		291,566	775,000	1,000,000	1,150,000	29.0%	48.4%
01 60 663200	CORROSION TESTING & MITIGATION		0	7,500	7,500	15,000	0.0%	100.0%
01 60 663300	METER STATIONS, ROVS, STANDPIPES		93,574	191,300	191,300	257,600	0.0%	34.7%
01 60 663400	PLAN REVIEW - PIPELINE CONFLICTS		63,136	80,500	80,500	90,500	0.0%	12.4%
01 60 663700	PIPELINE SUPPLIES		35,281	56,000	56,000	88,000	0.0%	57.1%
01 60 664000	MACHINERY & EQUIPMENT NON-CAP		6,048	18,850	16,000	21,150	-15.1%	12.2%
01 60 664100	REPAIRS & MAINT - VEHICLES		25,520	39,500	39,000	39,500	-1.3%	0.0%
01 60 664200	FUEL- VEHICLES		20,328	37,200	37,200	37,200	0.0%	0.0%
01 60 664300	LICENSES - VEHICLES		1,260	2,150	1,800	3,150	-16.3%	46.5%
TOTAL DIRECT WATER DISTRIBUTION COSTS			107,974,982	111,958,559	115,331,200	113,707,805	3.0%	1.6%

**BOND INTEREST COSTS.** Currently the Commission has no debt outstanding; therefore, no interest expenses are budgeted in fiscal year 2021-2022.

**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, 2021 TO APRIL 30, 2022

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 19-20 ACTUAL	WATER FUND FY 20-21 BUDGET	WATER FUND FY 20-21 PROJECTED	WATER FUND FY 21-22 BUDGET	% CHANGE FY 20-21 BUDGET VS FY 20-21 BUDGET PROJECTED	% CHANGE FY 20-21 BUDGET VS FY 21-22 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		5,404	14,450	18,000	14,450	24.6%	0.0%
	TOTAL LAND AND RIGHT-OF-WAY		5,404	15,450	18,500	15,450	19.7%	0.0%

**EQUIPMENT PURCHASES.** Equipment purchases in the fiscal year 2021-2022 include Tank Mixers (\$60,000) and Generator Room AC equipment (\$15,000). 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 two trucks and two SUVs in fiscal year 2021-2022. 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, 2021 TO APRIL 30, 2022

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 19-20 ACTUAL	WATER FUND FY 20-21 BUDGET	WATER FUND FY 20-21 PROJECTED	WATER FUND FY 21-22 BUDGET	% CHANGE	% CHANGE
							FY 20-21 BUDGET VS FY 20-21 PROJECTED	FY 20-21 BUDGET VS FY 21-22 BUDGET
01 60 690000	CAPITAL EQUIPMENT/DEPRECIATION							
	EQUIPMENT PURCHASES							
01 60 685100	COMPUTER		52,988	84,500	65,000	70,500	-23.1%	-16.6%
01 60 685200	OFFICE FURNITURE & EQUIPMENT		0	25,000	25,000	10,000	0.0%	-60.0%
01 60 685600	MACHINERY & EQUIPMENT		27,000	105,000	65,000	82,500	-38.1%	-21.4%
01 60 685800	CAPITALIZED EQUIPMENT PURCHASES		(27,000)	(130,000)	(90,000)	(92,500)	-30.8%	-28.8%
	VEHICLE PURCHASES							
01 60 686000	VEHICLES		9,784	347,000	347,000	230,000	0.0%	-33.7%
01 60 686800	CAPITALIZED VEHICLES PURCHASES		(9,784)	(347,000)	(347,000)	(230,000)	0.0%	-33.7%
01 60 692000	DEPRECIATION - WATER MAINS		4,676,497	5,100,000	4,800,000	5,100,000	-5.9%	0.0%
01 60 693000	DEPRECIATION - BUILDINGS		2,731,186	3,150,000	2,840,000	3,300,000	-9.8%	4.8%
01 60 694000	DEPRECIATION - PUMPING EQUIPMENT		1,549,228	1,820,000	1,628,000	1,830,000	-10.5%	0.5%
01 60 695200	DEPRECIATION - OFFICE FURNITURE		73,683	90,000	110,000	150,000	22.2%	66.7%
01 60 696000	DEPRECIATION - VEHICLE		42,233	125,000	72,400	182,000	-42.1%	45.6%
	TOTAL CAPITAL EQUIPMENT/DEPRECIATION		9,125,815	10,369,500	9,515,400	10,632,500	-8.2%	2.5%
	TOTAL OPERATING EXPENSES		123,596,617	130,997,781	132,348,080	133,956,464	1.0%	2.3%

**CONSTRUCTION EXPENDITURES.** The capital projects budgeted for fiscal year 2021-2022.

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DUPAGE WATER COMMISSION  
TENTATIVE DRAFT MANAGEMENT BUDGET  
MAY 1, 2021 TO APRIL 30, 2022

ACCT #		ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 19-20 ACTUAL	WATER FUND FY 20-21 BUDGET	WATER FUND FY 20-21 PROJECTED	WATER FUND FY 21-22 BUDGET	% CHANGE	% CHANGE
								FY 20-21 BUDGET	FY 20-21 BUDGET
01	60	700000							
		CONSTRUCTION EXPENDITURES							
01	60	711000		0	0	0	0	N/A	N/A
01	60	711500		712,623	0	0	0	N/A	N/A
01	60	722100		15,558	1,500,000	100,000	1,000,000	-93.3%	-33.3%
01	60	722200		570,773	1,650,000	850,000	2,000,000	-48.5%	21.2%
01	60	722201		0	200,000	0	100,000	-100.0%	-50.0%
01	60	722300		37,590	105,000	105,000	1,050,000	0.0%	900.0%
01	60	741000		13,204	0	0	0	N/A	N/A
01	60	751000		145,941	8,250,000	2,600,000	3,000,000	-68.5%	-63.6%
01	60	751100		0	10,000,000	140,000	10,000,000	-98.6%	0.0%
01	60	751200		0	500,000	70,000	750,000	-86.0%	50.0%
01	60	761000		254,945	700,000	2,000,000	1,000,000	185.7%	42.9%
01	60	770500		0	1,000,000	200,000	1,000,000	-80.0%	0.0%
01	60	771000		0	500,000	250,000	750,000	-50.0%	50.0%
01	60	771200		298,159	750,000	200,000	500,000	-73.3%	-33.3%
01	60	771600		43,224	1,200,000	0	700,000	-100.0%	-41.7%
01	60	771700		198,564	5,050,000	350,000	3,100,000	-93.1%	-38.6%
01	60	771900		130,987	300,000	50,000	300,000	-83.3%	0.0%
01	60	772000		23,142	0	0	0	N/A	N/A
01	60	772100		20,016	300,000	300,000	400,000	0.0%	33.3%
01	60	772200		0	300,000	65,000	300,000	-78.3%	0.0%
01	60	772300		0	0	0	250,000	N/A	N/A
01	60	772400		0	0	0	500,000	N/A	N/A
01	60	772500		0	0	0	250,000	N/A	N/A
01	60	798000		(2,464,726)	(32,305,000)	(7,280,000)	(26,950,000)	-77.5%	-16.6%
		TOTAL CONSTRUCTION EXPENDITURES		0	0	0	0	N/A	N/A



**DuPage Water Commission  
Fiscal Year 2021-2022  
Tentative Draft Management Budget  
May 1, 2021 to April 30, 2022**

**(with detailed account line items)**

**March 1, 2021**

**BUDGET REPORT**  
**2021-2022 Budget Year**  
**01 WATER FUND**

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-511100	<b>O&amp;M PAYMENTS- GOVERNMENTAL</b>				<b>122,269,930.77</b>
	May 2021 - April 2022 \$4.97	97.6	24601596	122,269,930.77	
01-511200	<b>O&amp;M PAYMENTS- PRIVATE</b>				<b>3,006,637.64</b>
	May 2021 - April 2022 \$4.97	2.4	604957	3,006,637.64	
01-512100	<b>FIXED COST PAYMENTS- GOVT</b>				<b>0.00</b>
	Funded by Sales Tax			0.00	
01-512200	<b>FIXED COST PAYMENTS-PRIVATE</b>				<b>0.00</b>
	Funded by Sales Tax			0.00	
01-513100	<b>SUBSEQUENT CUSTOMER - GOVT</b>				<b>2,275,274.88</b>
	Winfield			100,408.80	
	Oakbrook Terrace			31,708.44	
	Du Page County			212,039.76	
	Bartlett			1,931,117.88	
01-513200	<b>SUBSEQUENT CUSTOMER - PRIVATE</b>				<b>509,465.28</b>
	IAWC			346,892.40	
	Argonne Labs			162,572.88	
01-514100	<b>EMERGENCY WATER SERVICE- GOVT</b>				<b>20,725.00</b>
	Annual Fee	1	8,300.00	8,300.00	
	Water Use	2500	4.97	12,425.00	
01-514200	<b>EMERGENCY WATER SERVICE</b>				<b>0.00</b>
01-520000	<b>PROPERTY TAX</b>				<b>0.00</b>
01-530000	<b>SALES TAX</b>				
01-530010	<b>SALES TAXES - WATER REVENUE</b>				<b>0.00</b>
	All receipts until budget met			-	
01-530030	<b>WATER FUND - GENERAL</b>				<b>0.00</b>
	Remaining Receipts until FYE			-	
01-540000	<b>RENTAL INCOME</b>				<b>0.00</b>
01-581000	<b>INVESTMENT INCOME</b>				<b>700,000.00</b>
01-582000	<b>INTEREST INCOME</b>				<b>199,192.00</b>
01-590000	<b>OTHER INCOME</b>				<b>0.00</b>
01-590100	<b>SALE OF EQUIPMENT</b>				<b>0.00</b>
01-592000	<b>CONTRIBUTIONS</b>				<b>0.00</b>
<b>PAGE TOTAL</b>					<b>128,981,225.57</b>
<b>TOTAL REVENUES</b>					<b>128,981,225.57</b> <b>(Credit)</b>

**BUDGET REPORT**  
**2021-2022 Budget Year**  
**01 WATER FUND**

<b>ACCOUNT NO#</b>	<b>ACCOUNT NAME</b>	<b>UNITS</b>	<b>UNIT COST</b>	<b>ITEM ANNUAL TOTAL</b>	<b>ANNUAL BUDGET</b>
01-60-611100	<b>ADMIN SALARIES</b>				<b>2,146,600.00</b>
	Administration	1	1,871,200.00	1,871,200.00	
	Succession Plan Adjustments	1	250,000.00	250,000.00	
	Treasurer	12	1,666.67	20,000.00	
	Commissioner	9	600.00	5,400.00	
01-60-611200	<b>OPERATIONS SALARIES</b>				<b>1,960,800.00</b>
	Operations Department	1	788,400.00	788,400.00	
	Pipeline Department	1	679,900.00	679,900.00	
	Instrum/Remote Fac Dept	1	492,500.00	492,500.00	
01-60-611300	<b>SUMMER INTERNS</b>				<b>48,000.00</b>
	Interns	4	12,000.00	48,000.00	
01-60-611600	<b>ADMIN OVERTIME</b>				<b>7,400.00</b>
	less than 1% of Admin Employees	1	7,400.00	7,400.00	
01-60-611700	<b>OPERATIONS OVERTIME</b>				<b>294,120.00</b>
	15% of Oper Payroll	1	294,120.00	294,120.00	
01-60-612100	<b>PENSION</b>				<b>634,269.00</b>
	2022 IMRF Rate Estimate 7.5%			334,269.00	
	Retiree Costs			300,000.00	
01-60-612200	<b>MEDICAL/LIFE BENEFITS</b>				<b>885,160.00</b>
	Blue Cross Blue Shield	8	62,000.00	496,000.00	
	15% Increase for 2021	4	71,300.00	285,200.00	
	Metlife Dental/Vision	8	6,000.00	48,000.00	
	15% Increase for 2021	4	6,900.00	27,600.00	
	Metlife Life & ADD	8	2,000.00	16,000.00	
	10% Increase for 2021	4	2,200.00	8,800.00	
	Healthiest You	12	350.00	4,200.00	
	Envision Healthcare	12	60.00	720.00	
	Employee Contribution 20%			(171,360.00)	
	Employer H.S.A Contribution	1	170,000.00	170,000.00	
01-60-612300	<b>FEDERAL PAYROLL TAXES</b>				<b>340,954.38</b>
	Social Security			276,329.04	
	Medicare			64,625.34	
01-60-612800	<b>STATE UNEMPLOYMENT</b>				<b>13,780.00</b>
	Illinois Estimated 2.65% for 2022			13,780.00	
01-60-613100	<b>TRAVEL</b>				<b>11,400.00</b>
	GM Auto Allowance	12	500.00	6,000.00	
	ISTHA Tolls	12	350.00	4,200.00	
	Parking	12	50.00	600.00	
	Non Commission Vehicles			600.00	

PAGE TOTAL

6,342,483.38

**BUDGET REPORT**  
**2021-2022 Budget Year**  
**01 WATER FUND**

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-613200	<b>TRAINING</b>				<b>65,500.00</b>
	Instrumentation Classes	8	250.00	2,000.00	
	Admin Training	10	350.00	3,500.00	
	O&M Classes	12	250.00	3,000.00	
	Infor Training	3	5,000.00	15,000.00	
	Mgr/Supv Training	5	1,000.00	5,000.00	
	Sharepoint	1	4,000.00	4,000.00	
	Electrical/GIS Training	10	650.00	6,500.00	
	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	6	250.00	1,500.00	
	NACE Training	4	2,600.00	10,400.00	
	Underground Storage Tank	2	800.00	1,600.00	
	Cyber Security Awareness	1	5,000.00	5,000.00	
	AUTOCAD	1	2,000.00	2,000.00	
01-60-613301	<b>CONFERENCES</b>				<b>62,900.00</b>
	AMWA Conference	2	3,000.00	6,000.00	
	AWWA ACE (San Diego)	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	2,000.00	4,000.00	
	Infor Conference	3	3,000.00	9,000.00	
	National Safety Conference	2	2,500.00	5,000.00	
	ILGFOA Conference	1	1,500.00	1,500.00	
	IPSI Conference	4	1,400.00	5,600.00	
	ESRI User Conference	1	3,000.00	3,000.00	
	Corrosion Protection Conference	3	1,500.00	4,500.00	
01-60-613302	<b>TUITION REIMBURSEMENT</b>				<b>30,000.00</b>
	Tuition Reimbursement	6	5,000.00	30,000.00	
01-60-619100	<b>OTHER PERSONNEL COSTS</b>				<b>32,300.00</b>
	Annual Physicals and Medical Testing	30	400.00	12,000.00	
	Pre-employment Physicals	3	400.00	1,200.00	
	Employment Ads	3	2,500.00	7,500.00	
	Background Checking	16	500.00	8,000.00	
	Employee Assistance	12	150.00	1,800.00	
	Security at Commission Mtg	12	150.00	1,800.00	
01-60-621000	<b>WATER CONSERVATION PROGRAM</b>				<b>21,000.00</b>
	Resources	1	20,000.00	20,000.00	
	Consulting	1	1,000.00	1,000.00	
01-60-623300	<b>INVESTMENT FEES &amp; BANK CHARGE</b>				<b>130,000.00</b>
	Investment Fees	1	124,000.00	124,000.00	
	Banking Fees	12	500.00	6,000.00	
<b>PAGE TOTAL</b>					<b>341,700.00</b>

**BUDGET REPORT**  
**2021-2022 Budget Year**  
**01 WATER FUND**

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-625100	<b>LEGAL SERVICES- GENERAL</b>				<b>90,000.00</b>
	General	1	65,000.00	65,000.00	
	Litigation	1	25,000.00	25,000.00	
01-60-625200	<b>BOND COUNSEL</b>				<b>0.00</b>
	Certificate of Debt	1	0.00	0.00	
01-60-625300	<b>LEGAL SERVICES- SPECIAL</b>				<b>75,000.00</b>
	As Required	1	75,000.00	75,000.00	
01-60-625800	<b>LEGAL NOTICES</b>				<b>39,500.00</b>
	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	4	750.00	3,000.00	
01-60-625900	<b>OTHER LEGAL SERVICES</b>				<b>0.00</b>
01-60-626000	<b>AUDIT SERVICES</b>				<b>31,000.00</b>
	Audit FY 2021	1	31,000.00	31,000.00	
01-60-628000	<b>CONSULTING SERVICES</b>				<b>302,700.00</b>
	Network Consultants	1	40,000.00	40,000.00	
	Incode Finance Programming	1	5,000.00	5,000.00	
	Unidentified Services	1	60,000.00	60,000.00	
	Application Development	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	
	Infor Upgrade Services	1	52,000.00	52,000.00	
	Website Development	1	10,000.00	10,000.00	
	HR Consultants	1	20,000.00	20,000.00	
	Actuarial Consultant	1	2,700.00	2,700.00	
01-60-629000	<b>CONTRACTUAL SERVICES</b>				<b>830,200.00</b>
	Accounting Service	12	6,000.00	72,000.00	
	Annual UPS Maintenance	1	7,500.00	7,500.00	
	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	
	Landscap 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	3,000.00	3,000.00	
	Temporary Personnel Services	1	30,000.00	30,000.00	
<b>PAGE TOTAL</b>					<b>1,368,400.00</b>

**BUDGET REPORT**  
**2021-2022 Budget Year**  
**01 WATER FUND**

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-629000	<b>CONTRACTUAL SERVICES (CONT.)</b>				
	Network Support/Monitoring	12	8,000.00	96,000.00	
	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	100.00	1,200.00	
	Annual Freq Protection	1	500.00	500.00	
	HSQ Maintenance Contract	1	12,000.00	12,000.00	
	Corrosion Protection	1	150,000.00	150,000.00	
	Cloud Backup Service	1	35,000.00	35,000.00	
	Hach Maintenance	1	7,500.00	7,500.00	
	Terrazzo Floor Maintenance	1	20,000.00	20,000.00	
	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	160,000.00	160,000.00	
	Email Archiving Service	1	30,000.00	30,000.00	
	Telephone System Maintenance (3 yr)	1	12,000.00	12,000.00	
01-60-641100	<b>GENERAL LIABILITY INSURANCE</b>				<b>69,000.00</b>
	General Liability	1	35,000.00	35,000.00	
	UST	1	5,000.00	5,000.00	
	Crime	1	5,000.00	5,000.00	
	Pollution (1/3 of Premium)	1	24,000.00	24,000.00	
01-60-641200	<b>PUBLIC OFFICIAL LIABILITY</b>				<b>23,300.00</b>
	Treasurer's Bond	1	5,300.00	5,300.00	
	General Manager's Bond	1	15,000.00	15,000.00	
	Commissioners' Bond	1	3,000.00	3,000.00	
01-60-641500	<b>WORKER'S COMPENSATION</b>				<b>130,000.00</b>
	Illinois Public Risk Fund	1	130,000.00	130,000.00	
01-60-641600	<b>EXCESS LIABILITY COVERAGE</b>				<b>40,000.00</b>
	Umbrella	1	40,000.00	40,000.00	
01-60-642100	<b>PROPERTY INSURANCE</b>				<b>396,000.00</b>
	Property	1	360,000.00	360,000.00	
	Insurance Fees	1	36,000.00	36,000.00	
01-60-642200	<b>AUTOMOBILE INSURANCE</b>				<b>25,000.00</b>
	Auto Insurance	1	25,000.00	25,000.00	
01-60-649100	<b>SELF INSURANCE PROPERTY</b>				<b>100,000.00</b>
	Above & Below Ground 1 Incident	1	100,000.00	100,000.00	
01-60-651200	<b>GENERATOR DIESEL FUEL</b>				<b>112,500.00</b>
	Diesel Fuel	25,000	4.50	112,500.00	
01-60-651300	<b>NATURAL GAS</b>				<b>33,000.00</b>
	Natural Gas Service	1	33,000.00	33,000.00	
<b>PAGE TOTAL</b>					<b>928,800.00</b>

**BUDGET REPORT**  
**2021-2022 Budget Year**  
**01 WATER FUND**

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-651401	<b>TELEPHONE, CELL &amp; TELEMTRY</b>				<b>82,660.00</b>
	MIS - IP Flex	12	700.00	8,400.00	
	POTS Lines	12	525.00	6,300.00	
	ComCast Internet	12	400.00	4,800.00	
	IP Flex Call Plan C	12	275.00	3,300.00	
	Ipad Internet Services	12	750.00	9,000.00	
	AT&T Fiber Internet	12	350.00	4,200.00	
	Cellular Service	12	3,000.00	36,000.00	
	Cellular RTU Charge	12	180.00	2,160.00	
	Phones and supplies	1	6,000.00	6,000.00	
	Beacon Endpoint Annual Cellular	1	2,500.00	2,500.00	
01-60-651403	<b>RADIOS</b>				<b>15,600.00</b>
	STARCOM21	12	1,300.00	15,600.00	
01-60-651404	<b>REPAIRS &amp; EQUIPMENT</b>				<b>3,000.00</b>
	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	
01-60-652100	<b>OFFICE SUPPLIES</b>				<b>28,220.00</b>
	General Office Supplies	12	2,210.00	26,520.00	
	Print supplies	2	600.00	1,200.00	
	Check Stock	1	500.00	500.00	
01-60-652200	<b>BOOKS &amp; PUBLICATIONS</b>				<b>12,771.00</b>
	Blue Book Subscription	1	1,650.00	1,650.00	
	Training References	1	3,500.00	3,500.00	
	Standards & References	1	6,000.00	6,000.00	
	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	250.00	250.00	
	HR & Employment References	1	1,000.00	1,000.00	
01-60-653100	<b>PRINTING- GENERAL</b>				<b>6,650.00</b>
	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	
	Printing & Mounting	1	2,000.00	2,000.00	

PAGE TOTAL

148,901.00

**BUDGET REPORT**  
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**01 WATER FUND**

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-653200	<b>POSTAGE &amp; DELIVERY</b>				<b>6,600.00</b>
	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	<b>PROFESSIONAL DUES</b>				<b>24,605.00</b>
	NACE Dues (2 yrs)	4	250.00	1,000.00	
	Operators License	12	40.00	480.00	
	ISA Membership Dues	4	250.00	1,000.00	
	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	<b>REPAIRS &amp; MAINT- OFFICE EQUIP</b>				<b>13,620.00</b>
	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	<b>REPAIRS &amp; MAINT- BLDGS &amp; GRNDS</b>				<b>227,000.00</b>
	Custodial Supplies	12	800.00	9,600.00	
	Fire Alarm Monitor Service	1	1,500.00	1,500.00	
	Police & Fire Protection	1	65,000.00	65,000.00	
	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	30,000.00	30,000.00	
	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	
	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	

PAGE TOTAL

271,825.00

**BUDGET REPORT**  
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**01 WATER FUND**

<b>ACCOUNT NO#</b>	<b>ACCOUNT NAME</b>	<b>UNITS</b>	<b>UNIT COST</b>	<b>ITEM ANNUAL TOTAL</b>	<b>ANNUAL BUDGET</b>
01-60-658000	<b>COMPUTER SOFTWARE</b>				<b>45,200.00</b>
	Network Upgrades	1	20,000.00	20,000.00	
	Misc. GIS software	1	200.00	200.00	
	Document Management System	1	20,000.00	20,000.00	
	Misc Software Programs	1	5,000.00	5,000.00	
01-60-659000	<b>COMPUTER/SOFTWARE MAINTENANCE</b>				<b>141,500.00</b>
	ESRI Software Maint	1	16,150.00	16,150.00	
	Infor 7i Software Maint	1	63,000.00	63,000.00	
	Incode Software	1	15,000.00	15,000.00	
	AUTOCAD License	1	4,500.00	4,500.00	
	Maplogic Layout Manager	1	300.00	300.00	
	Google SketchUp Pro	1	150.00	150.00	
	Google Earth Pro	1	500.00	500.00	
	Misc Hardware and Repairs	1	6,000.00	6,000.00	
	LOGMEIN	1	900.00	900.00	
	Software License Renewals	1	20,000.00	20,000.00	
	Office 365 Government	1	15,000.00	15,000.00	
01-60-659100	<b>OTHER ADMINISTRATIVE EXPENSE</b>				<b>11,900.00</b>
	Misc Meeting Expenses	1	3,000.00	3,000.00	
	Retirement Plaques	8	200.00	1,600.00	
	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	<b>WATER BILLING</b>				<b>107,062,884.91</b>
	Water Purchase (May-April) \$4.12		25,986,137	107,062,884.91	
01-60-661102	<b>ELECTRICITY</b>				<b>1,300,000.00</b>
	LPS Electrical Charges	1	1,300,000.00	1,300,000.00	

PAGE TOTAL

108,561,484.91

**BUDGET REPORT**  
**2021-2022 Budget Year**  
**01 WATER FUND**

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-661103	<b>OPERATIONS &amp; MAINTENANCE</b>				<b>780,000.00</b>
	LPS 50% O&M Charges	12	65,000.00	780,000.00	
01-60-661104	<b>MAJOR MAINTENANCE</b>				<b>250,000.00</b>
	Misc Projects	1	50,000.00	50,000.00	
	PLC Replacement	1	200,000.00	200,000.00	
01-60-661105	<b>MAJOR MAINTENANCE BILLED</b>				<b>0.00</b>
01-60-661200	<b>ELECTRIC- DuPAGE</b>				<b>0.00</b>
01-60-661201	<b>PUMP STATION</b>				<b>1,900,000.00</b>
	DPS Electrical Charges	1	1,900,000.00	1,900,000.00	
01-60-661202	<b>METER STATION, ROV, TANK SITE</b>				<b>151,000.00</b>
	COMED Accts	1	140,000.00	140,000.00	
	Naper Accts	1	11,000.00	11,000.00	
01-60-661300	<b>WATER CHEMICALS</b>				<b>51,000.00</b>
	Sodium Hypochlorite	12	3,750.00	45,000.00	
	De-Chlor Chemicals	6	1,000.00	6,000.00	
01-60-661400	<b>WATER TESTING</b>				<b>43,500.00</b>
	Analyzers, Supplies & Equipment	1	22,000.00	22,000.00	
	IEPA Lab Testing Program	1	4,500.00	4,500.00	
	Suburban Lab (Misc)	1	7,000.00	7,000.00	
	HACH Field Analyzers & Supplies	1	10,000.00	10,000.00	
01-60-661403	<b>WATER TESTING - COR CONTROL</b>				<b>0.00</b>
01-60-662000	<b>PUMP STATION - OPERATING</b>				
01-60-662100	<b>PUMPING SERVICES</b>				<b>187,800.00</b>
	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

3,363,300.00

**BUDGET REPORT**  
**2021-2022 Budget Year**  
**01 WATER FUND**

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-662300	<b>METER TESTING &amp; REPAIRS</b>				<b>34,200.00</b>
	Test Bench Repairs	1	25,000.00	25,000.00	
	Meter Parts	1	5,000.00	5,000.00	
	Annual Scale Calibration	1	3,700.00	3,700.00	
	Compound Meter Testing	1	500.00	500.00	
01-60-662400	<b>SCADA / INSTRUMENTATION</b>				<b>62,600.00</b>
	SCADA Antenna Maintenance	1	2,500.00	2,500.00	
	Backup Telemetry Repairs	1	2,000.00	2,000.00	
	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	10,000.00	10,000.00	
	Scada Backhaul	12	300.00	3,600.00	
	Turbidimeters	3	5,000.00	15,000.00	
	Replacement of RTU Batteries	100	65.00	6,500.00	
01-60-662500	<b>EQUIPMENT RENTAL</b>				<b>11,700.00</b>
	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	<b>UNIFORMS</b>				<b>17,000.00</b>
	Uniform Replacements	1	10,000.00	10,000.00	
	Work Boot	1	7,000.00	7,000.00	
01-60-662700	<b>SAFETY</b>				<b>154,020.00</b>
	Contract Training	1	28,920.00	28,920.00	
	Equipment/Supplies	1	61,000.00	61,000.00	
	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

279,520.00

**BUDGET REPORT**  
**2021-2022 Budget Year**  
**01 WATER FUND**

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-663100	<b>PIPELINE REPAIRS</b>				<b>1,150,000.00</b>
	Major Pipe Repair	1	1,000,000.00	1,000,000.00	
	Manhole Repairs and Adjustments	1	150,000.00	150,000.00	
01-60-663200	<b>CORROSION TESTING &amp; MITIGATION</b>				<b>15,000.00</b>
	Misc COR Testing	1	15,000.00	15,000.00	
01-60-663300	<b>REMOTE FACILITIES MAINTENANCE</b>				<b>257,600.00</b>
	Fencing Repairs	1	1,000.00	1,000.00	
	Quick Response Electrical Work	1	50,000.00	50,000.00	
	Minor Facility Repairs	1	25,000.00	25,000.00	
	Repair Parts	12	3,300.00	39,600.00	
	Landscaping Maintenance /Tanksites	1	35,000.00	35,000.00	
	Tool Replacement	1	2,000.00	2,000.00	
	Hoist Inspections	1	9,000.00	9,000.00	
	CP System Maintenance	1	6,000.00	6,000.00	
	Mixing System Annual Maintenance	1	15,000.00	15,000.00	
	Standpipe Cleaning	5	10,000.00	50,000.00	
	Quick Response Non-Electrical Work	1	25,000.00	25,000.00	
01-60-663400	<b>PLAN REVIEW- PIPELINE CONFLICT</b>				<b>90,500.00</b>
	JULIE Notification	4	21,500.00	86,000.00	
	Paint for JULIE Locating	1	3,000.00	3,000.00	
	Locating Flags	1	1,500.00	1,500.00	
01-60-663700	<b>PIPELINE SUPPLIES</b>				<b>88,000.00</b>
	Pipe and Fittings	1	22,000.00	22,000.00	
	Misc Supplies	1	50,000.00	50,000.00	
	Misc Equipment	1	16,000.00	16,000.00	
01-60-664000	<b>MACHINERY &amp; EQUIPMENT NON-CAP</b>				<b>21,150.00</b>
	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	4,000.00	4,000.00	
01-60-664100	<b>REPAIRS &amp; MAINT- VEHICLES</b>				<b>39,500.00</b>
	Vehicle Maintenance	12	3,000.00	36,000.00	
	Oil Changes	1	3,500.00	3,500.00	
01-60-664200	<b>FUEL- VEHICLES</b>				<b>37,200.00</b>
	Bulk Fuel Purchase	24	1550.00	37,200.00	

PAGE TOTAL

1,698,950.00

**BUDGET REPORT**  
**2021-2022 Budget Year**  
**01 WATER FUND**

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-664300	<b>LICENSES- VEHICLES</b>				<b>3,150.00</b>
	City of Elmhurst	1	3,000.00	3,000.00	
	State of IL	1	150.00	150.00	
01-60-672100	<b>BOND INTEREST- GO BONDS</b>				<b>0.00</b>
01-60-672200	<b>BOND INTEREST- REV BONDS</b>				<b>0.00</b>
	2013 Bond Int Pmts	1	-	-	
	2013 Premium Amortization	1	-	-	
01-60-672300	<b>NOTE INTEREST - DEBT CERT.</b>				<b>0.00</b>
01-60-672400	<b>CAPITAL LEASE INTEREST</b>				<b>0.00</b>
	Copier Lease Interest	1	-	-	
01-60-681000	<b>LEASES</b>				<b>1,000.00</b>
	ISTHA Pipe Crossings	1	500.00	500.00	
	ISTHA SCADA Antenna Use	1	500.00	500.00	
01-60-682000	<b>PERMITS &amp; FEES</b>				<b>14,450.00</b>
	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	<b>EASEMENTS</b>				<b>0.00</b>
01-60-685100	<b>COMPUTERS</b>				<b>70,500.00</b>
	Replacement Computers	10	1,000.00	10,000.00	
	Replacement Laptops	4	2,500.00	10,000.00	
	Network Hardware	1	25,000.00	25,000.00	
	Tablet Devices	10	1,500.00	15,000.00	
	Printers/Scanner	4	750.00	3,000.00	
	Server Racks	3	2,500.00	7,500.00	
01-60-685200	<b>OFFICE FURNITURE &amp; EQUIPMT</b>				<b>10,000.00</b>
	Office Furniture	1	10,000.00	10,000.00	
01-60-685600	<b>MACHINERY &amp; EQUIPMENT</b>				<b>82,500.00</b>
	Tank Mixer	2	30,000.00	60,000.00	
	Generator Equipment Room AC	1	15,000.00	15,000.00	
	Commercial Drone	1	7,500.00	7,500.00	
01-60-685800	<b>CAPITALIZED EQUIP PURCHASES</b>				<b>(92,500.00)</b>
01-60-686000	<b>VEHICLES</b>				<b>230,000.00</b>
	F350 Truck (RF)	1	75,000.00	75,000.00	
	Ford Explorer (Engineering)	1	35,000.00	35,000.00	
	F450 Truck (Pipeline)	1	85,000.00	85,000.00	
	Ford Escape (Pipeline)	1	35,000.00	35,000.00	
01-60-686800	<b>CAPITALIZED VEHICLE PURCHASES</b>				<b>(230,000.00)</b>
<b>PAGE TOTAL</b>					<b>89,100.00</b>

**BUDGET REPORT**  
**2021-2022 Budget Year**  
**01 WATER FUND**

<b>ACCOUNT NO#</b>	<b>ACCOUNT NAME</b>	<b>UNITS</b>	<b>UNIT COST</b>	<b>ITEM ANNUAL TOTAL</b>	<b>ANNUAL BUDGET</b>
01-60-692000	<b>DEPRECIATION- TRANS MAINS</b>				<b>5,100,000.00</b>
	DEPRECIATION FY2019/20			5,100,000.00	
01-60-693000	<b>DEPRECIATION- BUILDINGS</b>				<b>3,300,000.00</b>
	DEPRECIATION FY2019/20			3,300,000.00	
01-60-694000	<b>DEPRECIATION-PUMPING EQUIPMENT</b>				<b>1,830,000.00</b>
	DEPRECIATION FY2019/20			1,830,000.00	
01-60-695200	<b>DEPRECIATION- OFFICE FURN &amp; EQUIP</b>				<b>150,000.00</b>
	DEPRECIATION FY2019/20			150,000.00	
01-60-696000	<b>DEPRECIATION- VEHICLES</b>				<b>182,000.00</b>
	DEPRECIATION FY2019/20			182,000.00	

**PAGE TOTAL**

**10,562,000.00**

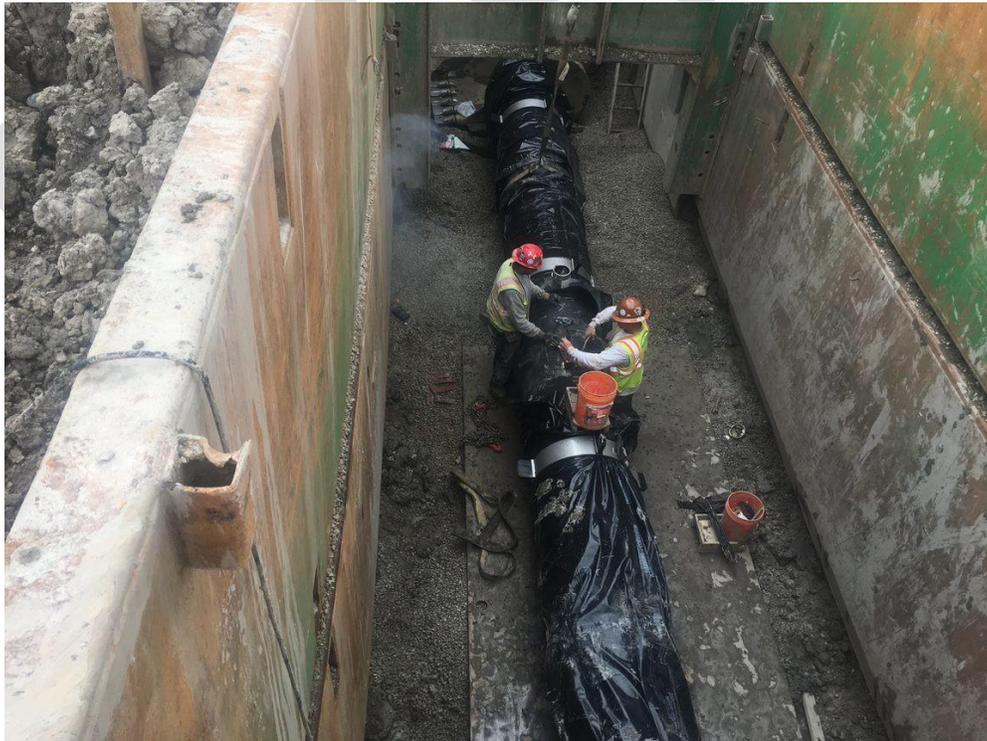
**BUDGET REPORT**  
**2021-2022 Budget Year**  
**01 WATER FUND - CAPITAL IMPROVEMENTS BUDGET**

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-722100	<b>ADDITION OF PUMP</b>				<b>1,000,000.00</b>
	Addition of Pump #10	1	1,000,000.00	1,000,000.00	
01-60-722200	<b>DPS BUILDINGS REHAB &amp; MAINT</b>				<b>2,000,000.00</b>
	Admin Bldg Curtain Wall & Store Fronts	1	2,000,000.00	2,000,000.00	
01-60-722201	<b>DPS LAB</b>				<b>100,000.00</b>
	DPS Control Lab Renovation	1	100,000.00	100,000.00	
01-60-722300	<b>DPPS GENERATOR BLDG IMPROVEMENTS</b>				<b>1,050,000.00</b>
	DPPS Generator Bldg Facility Improvement	1	1,050,000.00	1,050,000.00	
01-60-751000	<b>TRANSMISSION MAINS</b>				<b>3,000,000.00</b>
	Distribution System Upgrades	1	3,000,000.00	3,000,000.00	
01-60-751100	<b>90 &amp; 72 INCH SUPPLY UPGRADES</b>				<b>10,000,000.00</b>
	Supply Line Upgrades (Tollway)	1	10,000,000.00	10,000,000.00	
01-60-751200	<b>CATHODIC PROTECTION</b>				<b>750,000.00</b>
	Cathodic Protection/Construction	1	750,000.00	750,000.00	
01-60-761000	<b>STANDPIPE IMPROVEMENTS</b>				<b>1,000,000.00</b>
	Tank Site Improvements	1	1,000,000.00	1,000,000.00	
01-60-770500	<b>WATER QUALITY INSTRUMENTATION</b>				<b>1,000,000.00</b>
	Water Quality Monitoring System	1	1,000,000.00	1,000,000.00	
01-60-771000	<b>VALVE REHAB &amp; REPLACEMENT</b>				<b>750,000.00</b>
	ROV and Large Valve Repairs and Upgrades	1	750,000.00	750,000.00	
01-60-771200	<b>CONDITION ASSESSMENT</b>				<b>500,000.00</b>
	Condition Assess & Related Projects	1	500,000.00	500,000.00	
01-60-771600	<b>WALL &amp; MASONRY REHAB</b>				<b>700,000.00</b>
	ComEd Yard Rehab	1	500,000.00	500,000.00	
	West Discharge Tunnel Rehab	1	200,000.00	200,000.00	
01-60-771700	<b>REPLACEMENT OF SCADA SYSTEM</b>				<b>3,100,000.00</b>
	Replacement of SCADA System	1	3,000,000.00	3,000,000.00	
	Security System Upgrades	1	100,000.00	100,000.00	
01-60-771900	<b>HIGH LIFT PUMP REHAB</b>				<b>300,000.00</b>
	High Lift Pump Rehab	1	300,000.00	300,000.00	
01-60-772100	<b>METER STATION REHAB</b>				<b>400,000.00</b>
	Meter Station Rehab	1	400,000.00	400,000.00	
01-60-772200	<b>DWC SYSTEM UPGRADES</b>				<b>300,000.00</b>
	DWC System Upgrade Studies	1	300,000.00	300,000.00	
01-60-772300	<b>REPLACEMENT OF CHILLERS</b>				<b>250,000.00</b>
	Replacement of Chillers	1	250,000.00	250,000.00	
01-60-772400	<b>DOCUMENT MANAGEMENT</b>				<b>500,000.00</b>
	Document Management	1	500,000.00	500,000.00	
01-60-772500	<b>ALTERNATIVE WATER SOURCE</b>				<b>250,000.00</b>
	Alternative Water Source Study/Preliminar	1	250,000.00	250,000.00	
01-60-798000	<b>CAPITALIZED FIXED ASSETS</b>				<b>(26,950,000.00)</b>
<b>PAGE TOTAL</b>					<b>0.00</b>
	<b>TOTAL EXPENDITURES(pages 2-14):</b>				<b>133,956,464.29</b>
	<b>NET REVENUES/EXPENDITURES:</b>				<b>(4,975,238.72)</b> <b>(Credit)</b>

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**



**DUPAGE WATER COMMISSION  
2021 - 2026  
FIVE YEAR CAPITAL IMPROVEMENT  
PLAN  
February 18, 2021**



**DUPAGE WATER COMMISSION**  
**2021 – 2026**  
**FIVE YEAR CAPITAL IMPROVEMENT PLAN**



## **DuPage Water Commission**

### **MEMORANDUM**

**TO:** John Spatz  
General Manager

**FROM:** Alan Stark  
Coordinating Engineer

**DATE:** February 18, 2021

**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 2025-2026.

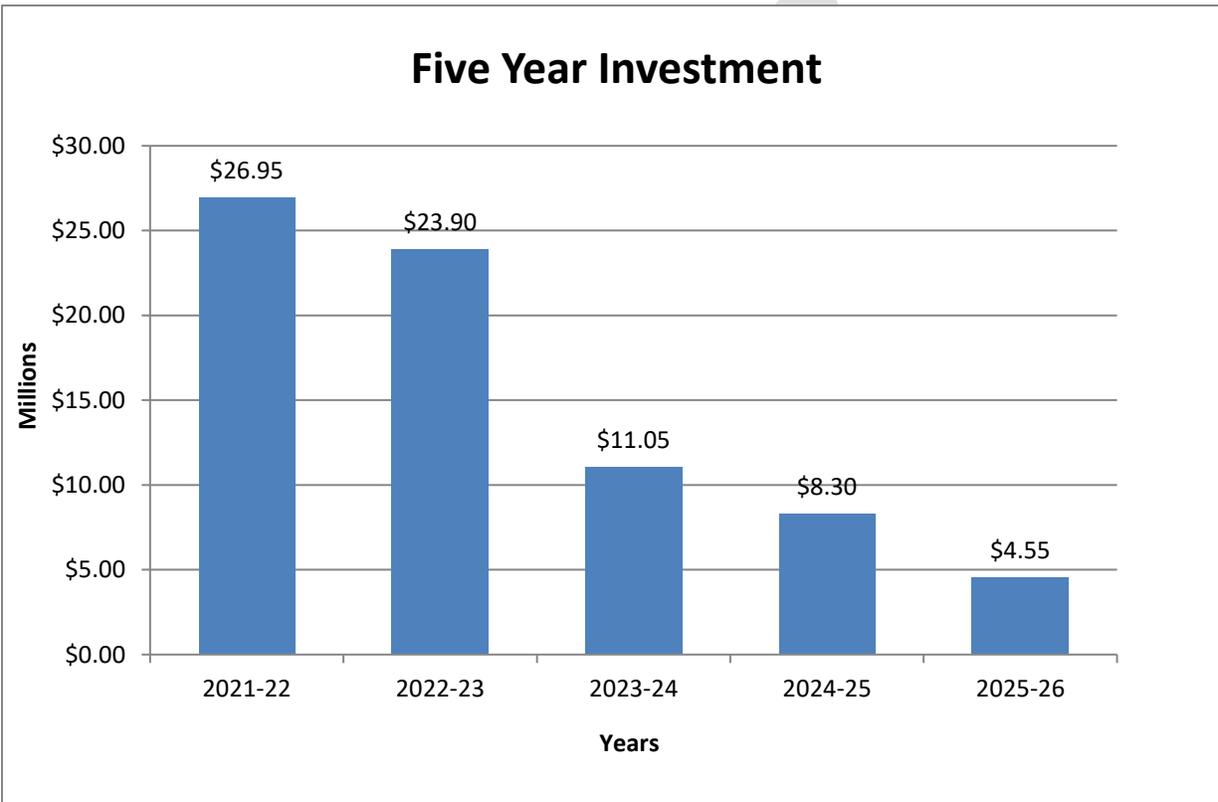
The Commission staff proposes to spend approximately \$74.8 million on 23 projects during the planning period from FY 2021-2022 through FY 2025-2026. The project to upgrade the 90- & 72-inch supply lines at \$10M is budgeted as a safeguard in case Illinois State Toll Highway Authority (ISTHA) requires changes. Currently, the Commission is in discussions with ISTHA engineers. The following chart shows the projected annual expenditures over the next five years.

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

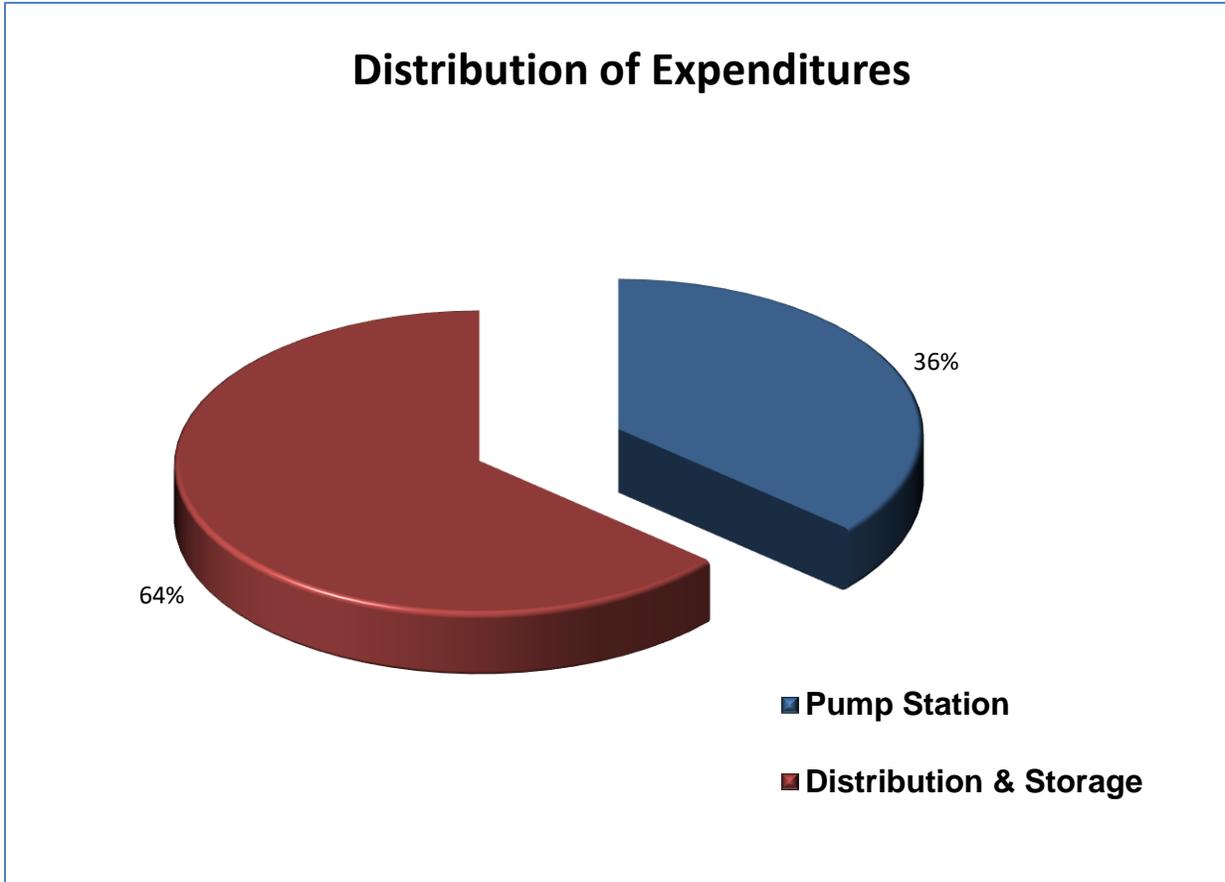
**Yearly Capital Costs**

Projects	2021-22	2022-23	2023-24	2024-25	2025-26
<b>DuPage Pump Station</b>					
Addition of Pump # 10	\$1,000,000	\$2,000,000			
Replacement of SCADA System	\$3,000,000	\$5,000,000			
Security System Upgrades	\$100,000	\$2,000,000	\$2,000,000		
DWC System Upgrade Studies	\$300,000				
High lift Pump Rehabilitation	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000
Admin Bldg./Pump Station Building Rehab	\$2,000,000				
Control Laboratory Renovation	\$100,000	\$100,000			
DPPS Generator Bldg. Facility Improvements	\$1,050,000	\$3,500,000	\$1,000,000		
ComEd Yard Rehab	\$500,000				
West Discharge Tunnel Rehab	\$200,000				
Replacement of Roof-Mounted Exhaust Fans		\$300,000			
Replacement of Wall-Mounted Supply Fans		\$300,000			
Replacement of Chillers	\$250,000				
Document Management	\$500,000	\$500,000			
<b>Distribution System</b>					
Condition Assessment	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
ROV and Large Valve Repair and Upgrades	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000
Cathodic Protection Construction	\$750,000	\$1,500,000	\$1,000,000	\$1,000,000	
Distribution System Upgrades	\$3,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000
Tanksite Improvements	\$1,000,000	\$3,900,000	\$3,500,000	\$3,750,000	\$1,000,000
Water Quality Monitoring System	\$1,000,000	\$1,000,000			
90 & 72 inch Supply Line Upgrades (Tollway)	\$10,000,000				
Meter Station Rehab	\$400,000				
Alternative Water Source Study/Preliminary Design	\$250,000	\$250,000			
<b>Totals</b>	<b>\$26,950,000</b>	<b>\$23,900,000</b>	<b>\$11,050,000</b>	<b>\$8,300,000</b>	<b>\$4,550,000</b>

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**



DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN



**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**DUPAGE PUMP STATION IMPROVEMENTS**



**DUPAGE WATER COMMISSION  
2021 – 2026  
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 total pumping capacity from 185 MGD to 215 MGD to satisfy future demand requirements and increase firm rated pumping capacity to 185 MGD.

**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)**

**COST:** \$3,000,000

**TIMING:** Fiscal year 2021-2023 – Engineering & Installation

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:** SCADA System Replacement

**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)**

**COST:** \$8,000,000

**TIMING:** Fiscal year 2019-2023 – Engineering/installation/implementation

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:** Security System 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. Also, to fund any security concerns brought up by the Risk and Resiliency Assessment the Commission is currently completing.

**PURPOSE:** Update and improve the Commission's 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)**

**COST:** \$4,100,000

**TIMING:** Fiscal years 2020-2024 – Engineering & Installation

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:**      **DWC System Upgrade Studies**

**LOCATION:**     DuPage Water Commission

**DESCRIPTION:** Various small studies performed by approved engineering firms to address future system needs.

**PURPOSE:**    Maintain the Commission ability to potential operating issues.

**BENEFIT:**     Provide the Commission with continuity of service using most current, reliable and cost-effective means to ensure system integrity.

**ESTIMATED COST: (CURRENT YEAR DOLLARS)**

**COST:**         \$300,000

**TIMING:**        Fiscal years 2021-2022 – Engineering

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:** High Lift Pump Rehabilitation

**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:** \$300,000 per year (\$1,500,000)

**TIMING:** Fiscal years 2021-2026 – Work Completion

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:** Admin Bldg./Pump Station Building Rehab

**LOCATION:** DuPage Pumping Station

**DESCRIPTION:** The project includes the Replacement of the Window/Curtainwall System and the replacement of various doors on the campus and perform various ancillary work related to the curtainwall system.

**PURPOSE:** The Administration Building / Pump Station is nearing 30 years old. Areas of the building have deteriorated due to the normal effects of age and use. To replace the curtainwall system and various ancillary equipment.

**BENEFIT:** Improve energy efficiency by sealing up the failing window/curtainwall system and providing Low-E glass. 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 2021-2022 – Engineering & Installation

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:**      **DPPS Emergency Generator Facility Improvements**

**LOCATION:**     DuPage Pumping Station

**DESCRIPTION:** Modify the Emergency Generator System from four (4) stationary units and one (1) portable unit to five (5) stationary units; provide superstructure enclosure for the 5<sup>th</sup> stationary generator, add mechanical, electrical and process elements for the 5<sup>th</sup> stationary generator; replace the generation system fuel management system; upgrade the generator control system; improve HVAC elements within the facility; and provide rooftop access.

**PURPOSE:**    Modifications to provide all stationary generator units increase environmental safety, employee safety and improve maintenance which is severely hampered by the portable enclosure; provide improved fuel system controls to improve environmental safety and ease of operation; update the discontinued PLCs and upgrade the PLC based program and operator interface; improve HVAC conditioned spaces for equipment operation and employee comfort; replace ladder access with stairway access to roof tops.

**BENEFIT:**     Increase safety and reduce risk, by housing fifth generator inside with better containment and updated controls. Increase the lifespan of electronic equipment by improving the environments to which they are installed and operate; reduce the risk of employee and contractor slips and falls by eliminating ladders in lieu of fixed stairs.

**ESTIMATED COST: (CURRENT YEAR DOLLARS)**

**COST:**            \$5,550,000.00

**TIMING:**         Fiscal years 2021-2024 – Engineering & Installation

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:** Control Laboratory Renovation

**LOCATION:** DuPage Pumping Station

**DESCRIPTION:** This project will rehabilitate current laboratory and update laboratory equipment.

**PURPOSE:** Improve laboratory analysis capabilities.

**BENEFIT:** Gives us the ability to perform required EPA analysis as well as expand our capability to analyze a broader range of water quality parameters.

**ESTIMATED COST: (CURRENT YEAR DOLLARS)**

**COST:** \$200,000

**TIMING:** Fiscal year 2021-2023 – Design & Installation

**DUPAGE WATER COMMISSION  
2021 – 2026  
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:** Replace deteriorated masonry structures, concrete structures and gates.

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

**ESTIMATED COST: (CURRENT YEAR DOLLARS)**

**COST:** \$500,000

**TIMING:** Fiscal year 2021-2022 – Engineering & Construction

**DUPAGE WATER COMMISSION  
2021 – 2026  
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
- Rehabilitation of corroded metallic surfaces
- Repair of cracked or deteriorated concrete

**BENEFIT:** Eliminate water infiltration into the DuPage Pumping Station which is detrimental to the life of the substructure.

**ESTIMATED COST: (CURRENT YEAR DOLLARS)**

**COST:** \$200,000

**TIMING:** Fiscal year 2021-2022 – Engineering & Construction

**DUPAGE WATER COMMISSION  
2021 – 2026  
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 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 2022-2023 – Work Completion

**DUPAGE WATER COMMISSION  
2021 – 2026  
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 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 2022-2023 – Work Completion

**DUPAGE WATER COMMISSION  
2021 – 2026  
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 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:** \$250,000

**TIMING:** Fiscal year 2021-2022 – Work Completion

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:** Document Management

**LOCATION:** DuPage Pumping Station

**DESCRIPTION:** This project will focus on scanning all Commission documents in the HVAC room and Fireproof room and store them on a document management software.

**PURPOSE:** This project will give the Commission scanned copies of all historic documents protecting the contents and potentially freeing up significant space in the HVAC room where they are all currently being shelved.

**BENEFIT:** The Document Management project will allow Commission employees a fast and easy way to search a library of all our historical documents, in addition to giving a detailed breakdown of each document's contents.

**ESTIMATED COST: (CURRENT YEAR DOLLARS)**

**COST:** \$1,000,000

**TIMING:** Fiscal year 2021-2023 – Work Completion

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**DISTRIBUTION & STORAGE IMPROVEMENTS**



**DUPAGE WATER COMMISSION  
2021 – 2026  
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 2021-2026 – Engineering

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:** ROV and Large Valve Repair and Upgrades

**LOCATION:** Various Locations within Cook and DuPage Counties

**DESCRIPTION:** Replace existing large diameter butterfly valves. Develop a valve inspection and evaluation program to determine repair and upgrade needs as well as developing a preventative maintenance program. Replace end of life and out of production valve actuators.

**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. The valve inspection and evaluation program will also allow us to determine the current state of the valves and repair and upgrade any necessary issues. In addition, will allow our pipeline department to come up with a preventative maintenance program to prevent future valve failures.

**ESTIMATED COST: (CURRENT YEAR DOLLARS)**

**COST:** \$3,750,000

**TIMING:** Fiscal years 2021-2026 – Engineering & Construction

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:**      **Cathodic Protection Construction**

**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)**

**COST:**            \$4,250,000

**TIMING:**          Fiscal years 2021-2025 – Engineering & Construction

**DUPAGE WATER COMMISSION  
2021 – 2026  
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 as well as renovate ROV vaults through the 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)**

**COST:**            \$11,000,000

**TIMING:**          Fiscal years 2021-2026 – Engineering & Construction

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:** Standpipe Pumping/EGen/Disinfection Facility Upgrades

**LOCATION:** Tank Sites 1 through 4

**DESCRIPTION:** Develop Standpipe Pumping, Electrical Generation, and Disinfection Capabilities at each of the four tank sites.

**PURPOSE:** The current standpipe configuration allows for a specific operating and re-circulation range; the addition of pumping will increase that operating and re-circulation range. The disinfection facility will allow us to introduce additional disinfectant to the transmission and distribution system in times of high demand, high temperature days and when our chlorine residuals are low at the farther reaches of the distribution system. The electrical generation will allow a backup power source to our standpipe facilities and proposed pumping and disinfection facilities.

**BENEFIT:** The additional operating and re-circulation range will allow for more water to be recirculated back in the system, increase water turnover providing more control over water age, water quality and chlorine residuals, and reduce time and water wastage when de-watering. The ability to inject additional disinfectant will allow for better control of the chlorine residuals at distant points in our distribution system allowing for improved water quality. Generation capabilities will provide power backup to these proposed systems, as well as backup ancillary equipment already at the standpipes. In addition, it would provide a power backup to our pump station at Tank Site 1 that already performs recirculation and also provides an emergency interconnect to Schaumburg.

**ESTIMATED COST: (CURRENT YEAR DOLLARS)**

**COST:** \$13,150,000

**TIMING:** Fiscal years 2021-2026 – Engineering & Construction

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:** Water Quality Monitoring System

**LOCATION:** Various Locations within DuPage Commission

**DESCRIPTION:** Multi-parameter online water quality analysis with integrated algorithm alarm system.

**PURPOSE:** To continuously analyze water quality parameters at various locations throughout the Commission's distribution system as well trigger automatic sampling that DWC staff could use for their water quality investigations.

**BENEFIT:** To ensure the highest water quality throughout the DWC system.

**ESTIMATED COST: (CURRENT YEAR DOLLARS)**

**COST:** \$2,000,000

**TIMING:** Fiscal years 2021-2023 – Design & Installation

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:** 90- & 72-Inch Supply Line Upgrades (Tollway)

**LOCATION:** East of DuPage Pump Station under tollway

**DESCRIPTION:** Relocation of the 90- & 72-inch water supply.

**PURPOSE:** Potential pipeline work needed for the upcoming tollway expansion to protect the incoming 90- & 72-inch water supply.

**BENEFIT:** To ensure continuous water supply to DWC.

**ESTIMATED COST: (CURRENT YEAR DOLLARS)**

**COST:** \$10,000,000 (If needed)

**TIMING:** Fiscal years 2021-2022 – Engineering & Construction

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:** Meter Station Rehab

**LOCATION:** Various locations within DuPage Water Commission

**DESCRIPTION:** Meter Station roof replacement, as well as Emergency Lighting and Heater replacement.

**PURPOSE:** Older meter stations have asphalt roofs that are at end of life and need to be replaced. In addition, the emergency lighting and heaters at the meter stations are nearing end of life and need to be updated.

**BENEFIT:** To ensure station integrity and operations.

**ESTIMATED COST: (CURRENT YEAR DOLLARS)**

**COST:** \$400,000

**TIMING:** Fiscal years 2021-2022 – Engineering & Construction

**DUPAGE WATER COMMISSION  
2021 – 2026  
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**PROJECT:**        **Alternative Water Source Study and Preliminary Design**

**LOCATION:**        Various locations within DuPage Water Commission

**DESCRIPTION:** Develop a Feasibility Study of alternative water sources for the DuPage Water Commission.

**PURPOSE:**        Planning for system redundancy or potential future Commission expansion.

**BENEFIT:**        To ensure safe and reliable water source for the DuPage Water Commission and all the communities it serves.

**ESTIMATED COST: (CURRENT YEAR DOLLARS)**

**COST:**            \$500,000

**TIMING:**            Fiscal years 2021-2023 – Engineering & Construction