



**DuPage Water
Commission**

30 YEARS OF SERVICE
Pure. Essential. Stewardship.

AGENDA – Committee of the Whole

Thursday, February 16, 2023 6:00 PM

- I. Roll Call

- II. Tentative Draft Fiscal Year 2023-2024 Budget

- III. Other

- IV. Adjournment



DuPage Water Commission

30 YEARS OF SERVICE
Pure. Essential. Stewardship.

DuPage Water Commission

Fiscal Year 2023 - 2024

Tentative Draft Budget

May 1, 2023 to April 30, 2024

March 1, 2023



MEMORANDUM

To: DWC Charter and Subsequent Customers
From: Paul D. May, General Manager
Date: 3/1/2023
Subject: **FY 2023-2024 Tentative Draft Management Budget**

The Board of Commissioners is currently reviewing the tentative draft management budget for the fiscal year 2023-2024. Attached, please find the draft budget for your records as required by Section 7(L) of the Water Purchase Contract. This draft is subject to further review and adoption by the Board of Commissioners and will be formally acted on at the April DWC meeting. Please feel free to share this information with pertinent personnel in your organization.

This budget is scheduled to be adopted on April 20, 2023 at 6:30 PM. If you have questions regarding the budget, please do not hesitate to contact me at (630) 834-0100.

CC: Chairman and Commissioners



MEMORANDUM

To: DWC Charter and Subsequent Customers

From: Paul D. May, P.E., General Manager

Date: 3/1/2023

Subject: **Fiscal Year 2023-2024 Tentative Draft Management Budget – Executive Summary**

I am pleased to present the FY 2023-24 Draft Management Budget, attached. The Dupage Water Commission recognizes the critical nature of our service to the communities within DuPage County, including each business and resident within our service area. It is our mission and central purpose to ensure that essential water service is provided at all times, and that the complex assembly of mechanical and infrastructure assets are maintained in a condition for continual reliability, and preserves and enhances operational functionality and resiliency.

Furthermore, DWC recognizes that it is our responsibility to serve as prudent stewards for not only the water resources of our region, but for the financial resources as well. The proposed budget takes a forward-looking view to ensure an adequate financial position to fund a significant multi-year capital program, but also acknowledges the achievement of target reserve fund balances as established by our reserve fund policy. Therefore, a \$6.9M loss has been contemplated in the proposed budget based upon an assumption of stable consumption.

- **Proposed Rate:** The Budget for fiscal year 2023-2024, which extends through April 2024, reflects a 4.0% increase in the Commission’s total water rate. The water rate will increase \$0.21 per thousand gallons from \$5.18 to \$5.39 per thousand gallons. This increase is due to an anticipated \$0.21 (5%) water rate increase from the City of Chicago from \$4.33 to \$4.54 based on the increase in the Consumer Price Index which was 5.2% as of December 2022. The Chicago water rate increase is capped at 5% per City Ordinance.
- **Consumption Volume:** The Budget contemplates stable water consumption, for a projected total annual consumption of approximately 26 billion gallons. Actual water consumption is highly dependent upon summer weather conditions.
- **Debt Position:** DWC continues to operate free of debt; therefore, no debt service payments and corresponding fixed fee revenue is included in the budget.

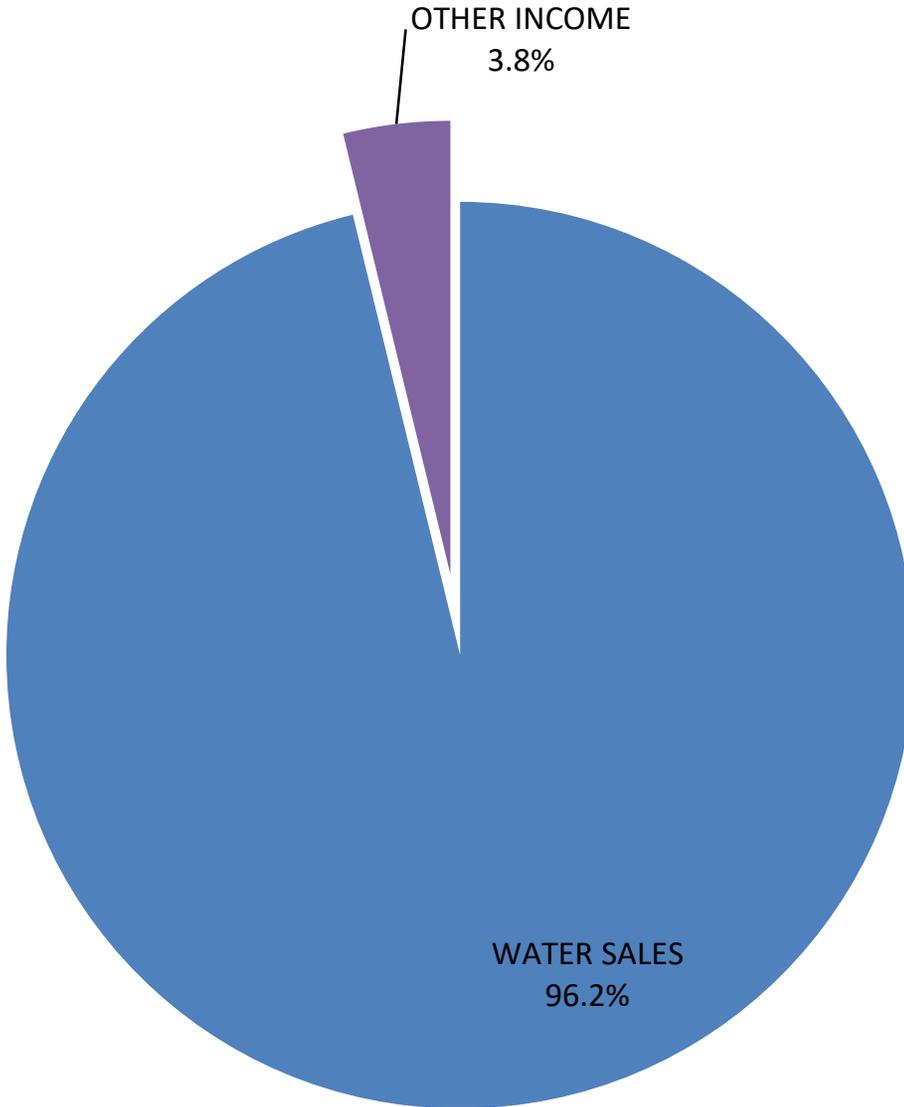
- Commodity Cost: Total commodity cost for water from the City of Chicago is budgeted at \$118M, a \$5.5M increase year-to-year. The commodity cost represents:
 - 93% of direct water distribution costs
 - 86% of total operating costs less depreciation

- Operating Expenses: Total budgeted operating expenses (excluding construction) increase by \$6.2 million versus the previous year, from approximately \$141.9M to \$148.1M, a 4.4% year-to-year change. The main drivers are as follows:
 - \$5.5M increase in water commodity costs from the City of Chicago from \$112.5 million to \$118.0 million. This amount is based on the expectation of a 5% water rate increase from the City of Chicago.
 - \$230K increase in total personnel services are budgeted to increase related to wage and salary adjustments, overtime, pension and medical benefits, a 3.7% year-to-year change.
 - \$111K increase in professional services primarily related to increases in consulting services for human resources and contractual services for generator preventive maintenance, a 6.8% year-to-year change.
 - \$88K increase in insurance expenses due to projected increases in property and umbrella coverage, a 9.8% year-to-year change.
 - Depreciation expenses are budgeted to remain flat from the previous fiscal year's budget.
 - Capital construction expenditures for fiscal year 2023-2024 are budgeted at \$15.8M. Capital costs are listed separately from operating accounts. The Commission has also included a Five-Year Capital Improvement Plan for 2023-2028.

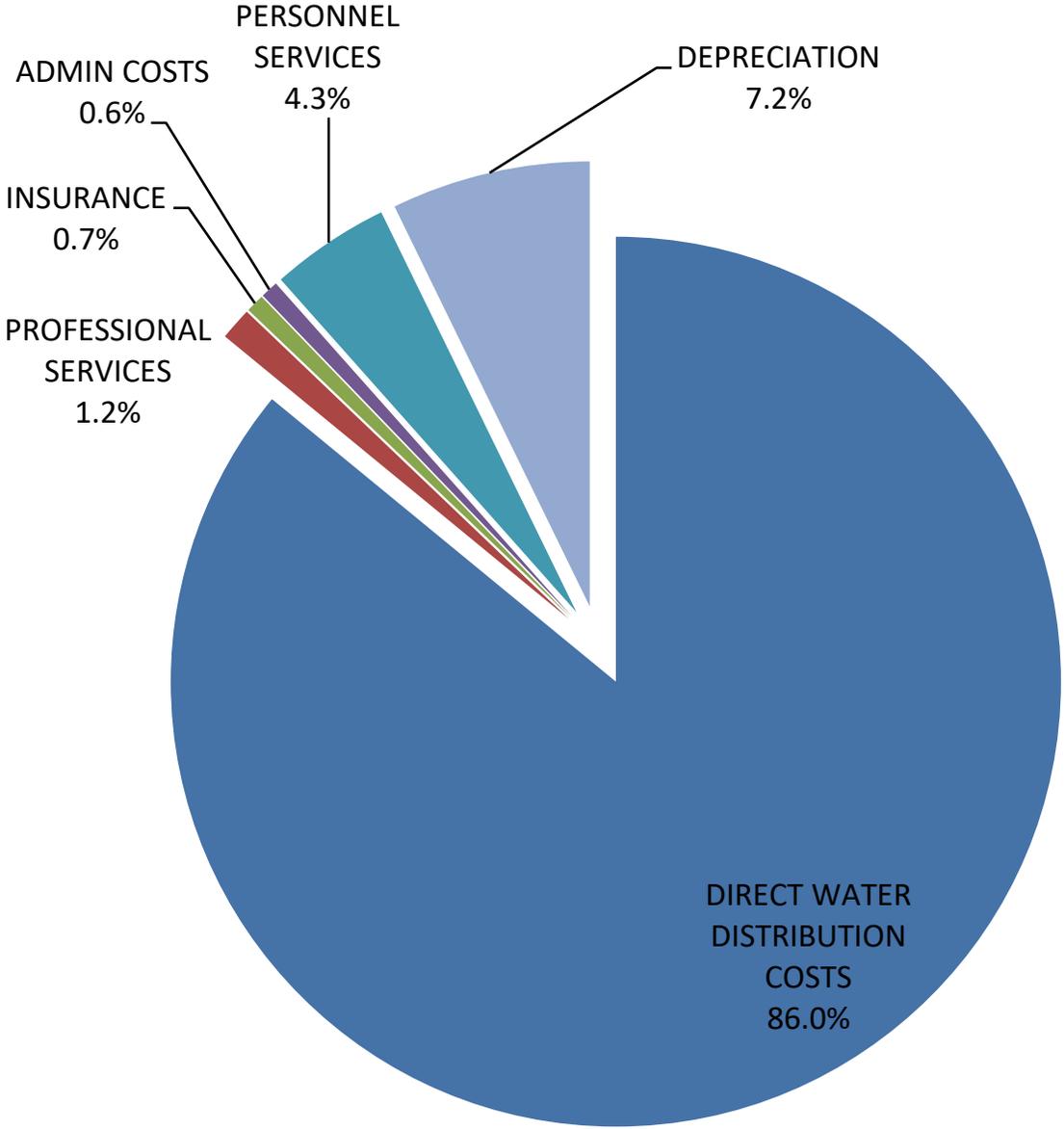
- Revenue: Total budgeted revenues are budgeted to increase by \$6.9 million versus the previous year, from approximately \$134.7M to \$141.2M. The main drivers are as follows:
 - \$5.3M from water sales. On May 1, 2023, the total Charter Customer's water rate will be adjusted from \$5.18 to \$5.39 per thousand gallons, yielding additional revenue of \$5.3M, a 4.1% year-to-year change from approximately \$130.6M to \$135.9M.
 - \$1.6 million in revenue from subsequent customers is due to the one-time addition of Aqua Illinois as a customer in fiscal year 2022-2023.

- Budgeted Net Operating Loss:
 The FY 2023-24 budget contemplates revenue of \$141.2M and expenses of \$148.1M, for a budgeted loss of \$6.9M.

**DuPage Water Commission
2023-2024 Budget Projection
Revenues \$141,232,629**



**DuPage Water Commission
2023-2024 Budget Projection
Expenses \$148,095,669**





March 1, 2023

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TOTAL REVENUES AND OPERATING EXPENSES

The total Charter Customer water rate will increase on May 1, 2023 from \$5.18 to \$5.39 per thousand gallons. The operation and maintenance component of the water rate is \$5.39 per thousand gallons and the fixed cost equivalent will remain at \$0.00 per thousand gallons. The \$0.21 DWC rate increase in 2023 is the direct result of the anticipated 5% increase in the commodity water rate from the City of Chicago (\$0.21 / thousand gallons from \$4.33 to \$4.54 /thousand gallons).

On June 1, 2016, the Commission stopped collecting sales tax, therefore no tax revenue is budgeted.

Total budgeted operating expenditures for the FY 2023-2024 budget are expected to increase primarily due to increases in commodity water rates, electrical costs, and professional services.

CAPITAL IMPROVEMENT EXPENDITURES

Construction projects for fiscal year 2023-2024 include:

- Generator building improvements (multi-year)
- SCADA system, cathodic protection (multi-year)
- Building remodeling & upgrades (multi-year)
- Pipeline corrosion protection program(s)
- Valve replacement & rehabilitation
- Pipeline and process coating rehabilitation
- Large diameter valve / redundancy repair & replacement
- Condition Assessment repair & Maintenance project(s)
- Source Water Project

ESCROW-FUNDED CONSTRUCTION EXPENDITURES

System expansion construction projects (such as WaterLink) are funded by escrows established for each distinct project:

- WaterLink pipeline extension / system expansion (Montgomery, Oswego, & Yorkville)
- Lombard additional metering station
- Aqua Illinois / Oak Brook watermain connections

DuPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2023 TO APRIL 30, 2024

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 21-22 ACTUAL	WATER FUND FY 22-23 BUDGET	WATER FUND FY 22-23 PROJECTED	WATER FUND FY 23-24 BUDGET	% CHANGE FY 22-23 BUDGET VS FY 22-23 PROJECTED	% CHANGE FY 22-23 BUDGET VS FY 23-24 BUDGET
01	500000							
	REVENUES							
01	511000	PAGE 3	133,281,136	130,569,945	135,000,000	135,863,321	3.4%	4.1%
01	512000	PAGE 3	0	0	0	0		
01	513000	PAGE 3	2,784,740	2,784,740	3,571,438	4,358,145	28.3%	56.5%
01	514000	PAGE 3	19,520	21,250	20,300	21,775	-4.5%	2.5%
01	530010	PAGE 3	547,729	0	24,000	0		
01	530030	PAGE 3	0	0	0	0		
01	581000	PAGE 3	(6,257,816)	994,786	1,194,786	989,388	20.1%	-0.5%
01	590000	PAGE 3	55,803	0	20,000	0		
01	592000	PAGE 3	0	0	0	0		
	TOTAL REVENUE		130,431,112	134,370,721	139,830,524	141,232,629	4.1%	5.1%
01	60 600000							
	OPERATING EXPENDITURES							
01	60 600000	PAGE 5	0	0	0	0		
01	60 610000	PAGE 5	4,141,952	6,191,713	5,723,308	6,421,538	-7.6%	3.7%
01	60 620000	PAGE 7	1,308,715	1,632,420	1,457,100	1,743,600	-10.7%	6.8%
01	60 640000	PAGE 8	624,431	900,300	804,600	988,300	-10.6%	9.8%
01	60 650000	PAGE 9	605,360	844,716	728,705	858,555	-13.7%	1.6%
01	60 660000	PAGE 10	118,892,793	121,468,194	123,140,200	127,281,976	1.4%	4.8%
01	60 670000	PAGE 11	0	0	0	0		
01	60 680000	PAGE 11	38,019	91,950	76,500	89,700	-16.8%	-2.4%
01	60 690000	PAGE 12	9,460,966	10,732,000	9,373,000	10,712,000	-12.7%	-0.2%
	TOTAL OPERATING EXPENDITURES		135,072,236	141,861,293	141,303,413	148,095,669	-0.4%	4.4%
01	60 700000	PAGE 13	0	0	0	0		
01	80 850000	PAGE 14	0	0	0	0		
	TOTAL EXPENDITURES		135,072,236	141,861,293	141,303,413	148,095,669	-0.4%	4.4%
	NET OPERATING ACCOUNTING TRANSACTIONS		(4,641,124)	(7,490,572)	(1,472,889)	(6,863,040)	-80.3%	-8.4%



March 1, 2023

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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:

The Operating Reserve fund is established to maintain a minimum balance of 180 days of operating expenses, which will be approximately \$75.6 million in the 2023-2024 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.

The Long-Term Water Capital Reserve fund will continue to increase by at least \$2.1 million annually per the Commission Reserve Fund Policy. This fund is exclusively for the acquisition, replacement and upgrade of the Commission's water system infrastructure, and other capital assets. Such disposition could include costs associated with a source water project.

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. The Commission currently carries no active debt instruments.

DuPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2023 TO APRIL 30, 2024

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 21-22 ACTUAL	WATER FUND FY 22-23 BUDGET	WATER FUND FY 22-23 PROJECTED	WATER FUND FY 23-24 BUDGET	% CHANGE FY 22-23 BUDGET VS FY 22-23 PROJECTED	% CHANGE FY 22-23 BUDGET VS FY 23-24 BUDGET
	NET ASSETS BALANCE							
	NET CURRENT YEAR TRANSACTIONS	PAGE 1	(4,641,124)	(7,490,572)	(1,472,889)	(6,863,040)	-80.3%	-8.4%
	BEGINNING NET ASSET BALANCE		551,360,657	546,719,533	546,719,533	545,246,644	0.0%	-0.3%
	ENDING NET ASSET BALANCE		546,719,533	539,228,961	545,246,644	538,383,604	1.1%	-0.2%
	NET ASSETS BALANCE ANALYSIS							
	UNRESTRICTED ASSETS							
	BOARD DESIGNATED:							
	HELD FOR EMERGENCY REPAIRS		0	0	0	0		
	OPERATING RESERVE		72,317,590	70,978,829	70,978,829	75,542,631	0.0%	6.4%
	LONG-TERM WATER CAPITAL RESERVE		22,118,719	22,525,000	22,525,000	24,625,000	0.0%	9.3%
	CAPITAL RESERVE		65,894,876	63,050,000	63,050,000	60,500,000	0.0%	-4.0%
	NON-BOARD DESIGNATED:							
01	421400		59,465,527	53,760,811	63,412,994	47,430,652	18.0%	-11.8%
01	421000	TOTAL UNRESTRICTED NET ASSETS	219,796,712	210,314,640	219,966,823	208,098,283	4.6%	-1.1%
01	421000	UNRESTRICTED NET ASSETS	219,796,712	210,314,640	219,966,823	208,098,283	4.6%	-1.1%
01	422000	RESTRICTED NET ASSETS BY ORDINANCE	0	0	0	0		
01	423000	NET ASSETS INVESTED IN CAPITAL, NET OF RELATED DEBT	326,922,821	328,914,321	325,279,821	330,285,321	-1.1%	0.4%
	NET ASSETS BALANCE		546,719,533	539,228,961	545,246,644	538,383,604	1.1%	-0.2%



March 1, 2023

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WATER REVENUES

The Total Charter Customer water rate effective on May 1, 2023 is \$5.39 per 1,000 gallons, which is an \$0.21 increase from the prior fiscal year; the direct offset for the anticipated \$0.21 / thousand gallon increase in the commodity cost of water from the City of Chicago. Corresponding O&M revenue for fiscal year 2023-2024 is budgeted to increase based upon the water rate increase and a forecast of stable consumption. The operation and maintenance component of the water rate is \$5.39 per 1,000 gallons and the fixed cost equivalent will remain at \$0.00 per 1,000 gallons as there is no current debt outstanding. The budgeted revenue assumes no change in water consumption from the numbers budgeted in the 2022-2023 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 will increase due to the addition of Aqua Illinois as a subsequent customer in 2022. Emergency Water Service charges includes actual water sold to Schaumburg, along with an annual fee.

SALES TAXES

No Sales tax revenue for the fiscal year 2023-2024 is budgeted, as the Commission ceased collecting sales tax on June 1, 2016.

INVESTMENT & INTEREST INCOME

The average rate of return is conservatively budgeted at 0.50% (benchmark) on all invested Commission funds. The average amount invested is estimated to be \$160 million. A small amount of interest income will be collected with the Cost Recovery Loan payments from Bartlett and the Water Quality Loan payment from Carol Stream.

OTHER INCOME/CONTRIBUTIONS

No other income is budgeted.

DUPAGE WATER COMMISSION
 TENTATIVE DRAFT MANAGEMENT BUDGET
 MAY 1, 2023 TO APRIL 30, 2024

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 21-22 ACTUAL	WATER FUND FY 22-23 BUDGET	WATER FUND FY 22-23 PROJECTED	WATER FUND FY 23-24 BUDGET	% CHANGE FY 22-23 BUDGET VS FY 22-23 PROJECTED	% CHANGE FY 22-23 BUDGET VS FY 23-24 BUDGET
01	500000							
	REVENUES							
01	510000							
	WATER REVENUES							
01	511000		133,281,136	130,569,945	135,000,000	135,863,321	3.4%	4.1%
	O & M PAYMENTS							
01	512000		0	0	0	0		
	FIXED COST PAYMENTS							
01	513000		2,784,740	2,784,740	3,571,438	4,358,145	28.3%	56.5%
	SUBSEQUENT CUSTOMER CHARGES							
01	514000		19,520	21,250	20,300	21,775	-4.5%	2.5%
	EMERGENCY WATER SERVICE							
01	530010		547,729	0	24,000	0		
	SALES TAXES ASSIGNED TO WATER REVENUE							
01	530030		0	0	0	0		
	SALES TAXES AVAILABLE FOR GENERAL USE							
01	580000							
	INVESTMENT EARNINGS							
01	581000		(6,457,009)	800,000	1,000,000	800,000	25.0%	0.0%
	INVESTMENT INCOME							
01	582000		199,193	194,786	194,786	189,388	0.0%	-2.8%
	INTEREST INCOME							
01	590000		55,803	0	20,000	0		
	OTHER INCOME							
01	592000		0	0	0	0		
	CONTRIBUTIONS							
	TOTAL REVENUE		130,431,112	134,370,721	139,830,524	141,232,629	4.1%	5.1%



March 1, 2023

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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 2021 and 2022. However, fixed cost equivalent will remain at \$0.00 per 1,000 gallons as there is no outstanding Commission debt at this time.

DRAFT

DuPAGE WATER COMMISSION
 ESTIMATED CUSTOMER
 FIXED COST PAYMENT SCHEDULE
 MAY 1, 2023 TO APRIL 30, 2024

EXHIBIT 1

CUSTOMER	2021 & 2022	2021 & 2022	REQUIRED FIXED COST PAYMENT													
	CALENDAR YEARS USE (1000 GAL)	CALENDAR YEARS % USAGE	\$0 AMOUNT TO BE FUNDED \$0	FOR: 05/31/23 DUE: 07/10/23	FOR: 06/30/23 DUE: 08/10/23	FOR: 07/31/23 DUE: 09/10/23	FOR: 08/31/23 DUE: 10/10/23	FOR: 09/30/23 DUE: 11/10/23	FOR: 10/31/23 DUE: 12/10/23	FOR: 11/30/23 DUE: 01/10/24	FOR: 12/31/23 DUE: 02/10/24	FOR: 01/31/24 DUE: 03/10/24	FOR: 02/29/24 DUE: 04/10/24	FOR: 03/31/24 DUE: 05/10/24	FOR: 04/30/24 DUE: 06/10/24	
ADDISON	2,325,800	4.3296%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
BARTLETT	2,272,942	4.2312%	0	0	0	0	0	0	0	0	0	0	0	0	0	
BENSENVILLE	1,026,447	1.9108%	0	0	0	0	0	0	0	0	0	0	0	0	0	
BLOOMINGDALE	1,428,975	2.6601%	0	0	0	0	0	0	0	0	0	0	0	0	0	
CAROL STREAM	2,220,964	4.1345%	0	0	0	0	0	0	0	0	0	0	0	0	0	
CLARENDON HILLS	487,690	0.9079%	0	0	0	0	0	0	0	0	0	0	0	0	0	
DARIEN	1,150,974	2.1426%	0	0	0	0	0	0	0	0	0	0	0	0	0	
DOWNERS GROVE	3,553,397	6.6149%	0	0	0	0	0	0	0	0	0	0	0	0	0	
ELMHURST	2,877,319	5.3563%	0	0	0	0	0	0	0	0	0	0	0	0	0	
GLEN ELLYN	1,668,560	3.1061%	0	0	0	0	0	0	0	0	0	0	0	0	0	
GLENDALE HTS	1,573,962	2.9300%	0	0	0	0	0	0	0	0	0	0	0	0	0	
HINSDALE	1,813,017	3.3751%	0	0	0	0	0	0	0	0	0	0	0	0	0	
ITASCA	821,348	1.5290%	0	0	0	0	0	0	0	0	0	0	0	0	0	
LISLE	1,531,025	2.8501%	0	0	0	0	0	0	0	0	0	0	0	0	0	
LOMBARD	2,606,154	4.8515%	0	0	0	0	0	0	0	0	0	0	0	0	0	
NAPERVILLE	11,132,084	20.7232%	0	0	0	0	0	0	0	0	0	0	0	0	0	
OAK BROOK	1,858,164	3.4591%	0	0	0	0	0	0	0	0	0	0	0	0	0	
OAK BROOK TERRACE	174,927	0.3256%	0	0	0	0	0	0	0	0	0	0	0	0	0	
ROSELLE	1,114,630	2.0750%	0	0	0	0	0	0	0	0	0	0	0	0	0	
VILLA PARK	1,100,889	2.0494%	0	0	0	0	0	0	0	0	0	0	0	0	0	
WESTMONT	1,666,964	3.1032%	0	0	0	0	0	0	0	0	0	0	0	0	0	
WHEATON	3,126,281	5.8198%	0	0	0	0	0	0	0	0	0	0	0	0	0	
WILLOWBROOK	632,386	1.1772%	0	0	0	0	0	0	0	0	0	0	0	0	0	
WOOD DALE	816,613	1.5202%	0	0	0	0	0	0	0	0	0	0	0	0	0	
WOODRIDGE	1,802,984	3.3564%	0	0	0	0	0	0	0	0	0	0	0	0	0	
WINFIELD	611,633	1.1386%	0	0	0	0	0	0	0	0	0	0	0	0	0	
DPC-SERWF	678,513	1.2631%	0	0	0	0	0	0	0	0	0	0	0	0	0	
DPC-GLEN ELLYN HEIGHTS	145,162	0.2702%	0	0	0	0	0	0	0	0	0	0	0	0	0	
DPC-HOBSON	32,983	0.0614%	0	0	0	0	0	0	0	0	0	0	0	0	0	
DPC-STEEPLE RUN	93,396	0.1739%	0	0	0	0	0	0	0	0	0	0	0	0	0	
DPC-YORK CENTER	89,170	0.1660%	0	0	0	0	0	0	0	0	0	0	0	0	0	
DPC-NORDIC PARK (1)	41,314	0.0769%	0	0	0	0	0	0	0	0	0	0	0	0	0	
IAWC-ARROWHEAD	99,201	0.1847%	0	0	0	0	0	0	0	0	0	0	0	0	0	
IAWC-COUNTRY CLUB	53,588	0.0998%	0	0	0	0	0	0	0	0	0	0	0	0	0	
IAWC-DP/LISLE	312,944	0.5826%	0	0	0	0	0	0	0	0	0	0	0	0	0	
IAWC-LMBRD HGHTS	30,689	0.0571%	0	0	0	0	0	0	0	0	0	0	0	0	0	
IAWC-VALLEY VIEW	334,312	0.6223%	0	0	0	0	0	0	0	0	0	0	0	0	0	
IAWC-LIBERTY RIDGE WEST	161,536	0.3007%	0	0	0	0	0	0	0	0	0	0	0	0	0	
IAWC-LIBERTY RIDGE EAST	25,344	0.0472%	0	0	0	0	0	0	0	0	0	0	0	0	0	
ARGONNE NATIONAL LAB	223,818	0.4167%	0	0	0	0	0	0	0	0	0	0	0	0	0	
ALL CUSTOMERS TOTAL	53,718,099	100.0000%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

(1) - NO ALLOCATION. WATER USAGE FOR 2020 & 2021 USED IN CALCULATION.

	FY 2023-24	FY 2022-23	FY 2021-22	FY 2020-21
ESTIMATED O & M RATE	\$5.39	\$5.18	\$4.97	\$4.97
ESTIMATED FIXED COST EQUIVALENT	\$0.00	\$0.00	\$0.00	\$0.00
ESTIMATED TOTAL RATE PER THOUSAND GALLONS	\$5.39	\$5.18	\$4.97	\$4.97



March 1, 2023

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SALARIES AND WAGES. Commission employee wages are established and evaluated according to competitive utility industry rates and general labor market considerations. Salaries and wages are budgeted to increase in fiscal year 2023-2024 based upon salary adjustments, incentive/credentialing compensation, longevity adjustments, and to accommodate for future cost of living adjustments.

BENEFITS AND TAXES. The Commission participates in the Illinois Municipal Retirement Fund (IMRF) and budgeted for an estimated combined contribution rate of 5% for fiscal year 2023-2024. 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, 2021 actuarial valuation, the Commission's Net Pension Asset is approximately \$5.1 million. The Commission also budgeted an additional \$50,000 for charges related to the possibility of 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, 2023, with an estimated increase for the last four months of the FY 2023-24 budget year. Additional funding is budgeted based upon the possibility of new employees enrolling in the Commission's plans and current employees increasing coverage for new spouses or growing families.

PROFESSIONAL DEVELOPMENT. Travel, training, tuition, and professional development are budgeted for courses, seminars, and procurement of professional development hours to maintain professional certifications and licenses.

OTHER PERSONNEL COSTS. These expenses are for employee recruitment and annual physical examinations required for new employees, as well as to comply with normal operating procedures relative to confined space entry qualifications, and suitability for work designations.

DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2023 TO APRIL 30, 2024

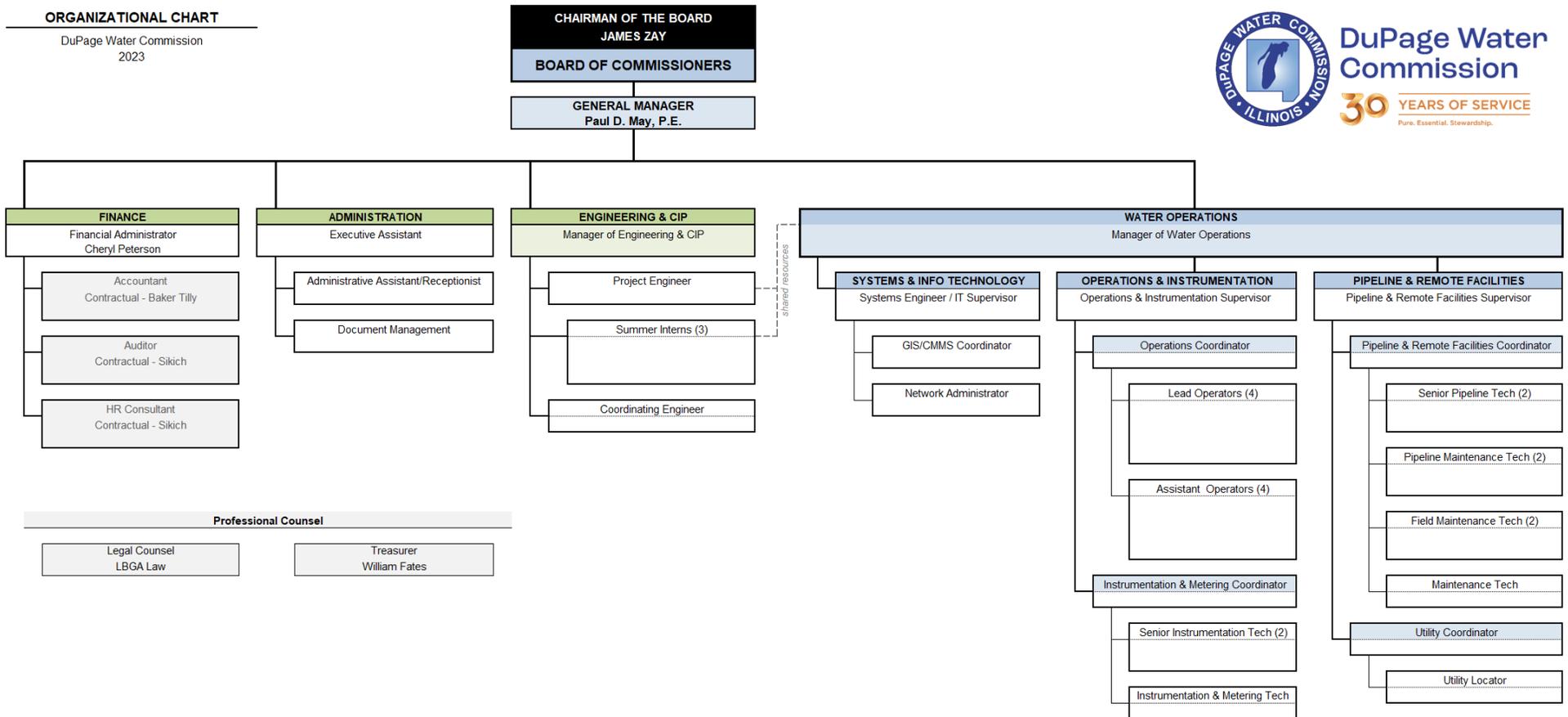
ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 21-22 ACTUAL	WATER FUND FY 22-23 BUDGET	WATER FUND FY 22-23 PROJECTED	WATER FUND FY 23-24 BUDGET	% CHANGE FY 22-23 BUDGET VS FY 22-23 PROJECTED	% CHANGE FY 22-23 BUDGET VS FY 23-24 BUDGET
01 60 600000	OPERATING EXPENSES							
01 60 610000	PERSONNEL SERVICES							
01 60 611000	SALARIES & WAGES							
01 60 611100	ADMINISTRATIVE-REGULAR		1,776,900	1,901,400	1,806,330	1,990,400	-5.0%	4.7%
01 60 611200	OPERATIONS-REGULAR		1,802,217	2,058,000	1,955,100	2,225,000	-5.0%	8.1%
01 60 611300	SUMMER INTERNS		11,313	48,000	14,410	36,000	-70.0%	-25.0%
01 60 611600	ADMINISTRATIVE - OVERTIME		3,843	7,400	4,000	7,400	-45.9%	0.0%
01 60 611700	OPERATIONS - OVERTIME		250,887	308,700	308,700	333,750	0.0%	8.1%
01 60 612000	BENEFITS AND TAXES							
01 60 612100	PENSION		(599,896)	399,263	239,558	279,628	-40.0%	-30.0%
01 60 612200	MEDICAL/LIFE BENEFITS		537,715	896,023	896,000	980,800	0.0%	9.5%
01 60 612300	FEDERAL PAYROLL TAXES		275,658	330,748	314,210	351,330	-5.0%	6.2%
01 60 612800	STATE UNEMPLOYMENT TAXES		4,279	13,780	10,000	13,780	-27.4%	0.0%
01 60 613000	PROFESSIONAL DEVELOPMENT							
01 60 613100	TRAVEL		7,268	11,400	10,000	11,400	-12.3%	0.0%
01 60 613200	TRAINING		38,354	77,200	75,000	77,250	-2.8%	0.1%
01 60 613301	CONFERENCES		15,240	71,800	45,000	69,300	-37.3%	-3.5%
01 60 613302	TUITION REIMBURSEMENT		10,020	30,000	15,000	20,000	-50.0%	-33.3%
01 60 619000	OTHER PERSONNEL COSTS							
01 60 619100	OTHER PERSONNEL COSTS		8,154	38,000	30,000	25,500	-21.1%	-32.9%
	TOTAL PERSONAL SERVICES		4,141,952	6,191,713	5,723,308	6,421,538	-7.6%	3.7%



PERSONNEL TABLE. The personnel service budget is based on a proposed personnel structure indicated below. The total proposed personnel budgeted for fiscal year 2023-2024 is 37.

ORGANIZATIONAL CHART

DuPage Water Commission
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WATER CONSERVATION PROGRAM. The amount budgeted is unchanged from the prior year budget.

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, 2023 to be conducted in fiscal year 2023-2024.

CONSULTING SERVICES. Major consulting costs in budgeted in fiscal year 2023-2024 include engineering consultants (\$100,000), human resources consultant (\$75,000), network consultant (\$40,000), and Infor system services (\$40,000).

CONTRACTUAL SERVICES. Major contractual services include comprehensive IT security (\$160,000), generator service and preventive maintenance (\$85,000), accounting services (\$75,000), network support and monitoring (\$64,800), landscape maintenance (\$55,300), and document scanning (\$50,000).

DUPAGE WATER COMMISSION
 TENTATIVE DRAFT MANAGEMENT BUDGET
 MAY 1, 2023 TO APRIL 30, 2024

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 21-22 ACTUAL	WATER FUND FY 22-23 BUDGET	WATER FUND FY 22-23 PROJECTED	WATER FUND FY 23-24 BUDGET	% CHANGE FY 22-23 BUDGET VS FY 22-23 PROJECTED	% CHANGE FY 22-23 BUDGET VS FY 23-24 BUDGET
01 60 620000	PROFESSIONAL SERVICES							
01 60 621000	WATER CONSERVATION PROGRAM		0	11,000	11,000	11,000	0.0%	0.0%
01 60 623000	FINANCIAL SERVICES							
01 60 623300	INVESTMENT FEES & BANK CHARGES		128,070	136,000	136,000	138,000	0.0%	1.5%
01 60 625000	LEGAL SERVICES							
01 60 625100	GENERAL COUNSEL		58,751	90,000	90,000	100,000	0.0%	11.1%
01 60 625200	BOND COUNSEL		0	0	0	0		
01 60 625300	SPECIAL COUNSEL		2,028	150,000	100,000	150,000	-33.3%	0.0%
01 60 625800	LEGAL NOTICES		26,733	48,500	20,000	32,500	-58.8%	-33.0%
01 60 626000	AUDIT SERVICES		29,900	31,000	29,900	33,000	-3.5%	6.5%
01 60 628000	CONSULTING SERVICES		242,287	320,200	320,200	378,000	0.0%	18.1%
01 60 629000	CONTRACTUAL SERVICES		820,946	845,720	750,000	901,100	-11.3%	6.5%
	TOTAL PROFESSIONAL SERVICES		1,308,715	1,632,420	1,457,100	1,743,600	-10.7%	6.8%



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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 unknown whether 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, 2023 TO APRIL 30, 2024

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 21-22 ACTUAL	WATER FUND FY 22-23 BUDGET	WATER FUND FY 22-23 PROJECTED	WATER FUND FY 23-24 BUDGET	% CHANGE FY 22-23 BUDGET VS FY 22-23 PROJECTED	% CHANGE FY 22-23 BUDGET VS FY 23-24 BUDGET
01 60 640000	INSURANCE							
01 60 641000	CASUALTY INSURANCE							
01 60 641100	GENERAL LIABILITY		42,321	135,000	108,000	164,000	-20.0%	21.5%
01 60 641200	PUBLIC OFFICIAL'S LIABILITY		19,058	24,300	19,600	24,300	-19.3%	0.0%
01 60 641500	WORKER'S COMPENSATION		101,426	130,000	115,000	145,000	-11.5%	11.5%
01 60 641600	UMBRELLA COVERAGE		35,636	60,000	42,000	70,000	-30.0%	16.7%
01 60 642000	PROPERTY INSURANCE							
01 60 642100	PROPERTY		362,376	426,000	400,000	455,000	-6.1%	6.8%
01 60 642200	AUTOMOBILE INSURANCE		16,750	25,000	20,000	30,000	-20.0%	20.0%
01 60 649000	OTHER COVERAGE							
01 60 649100	SELF INSURED CLAIMS		46,864	100,000	100,000	100,000	0.0%	0.0%
	TOTAL INSURANCE		624,431	900,300	804,600	988,300	-10.6%	9.8%



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OCCUPANCY COSTS. Amounts have been budgeted for natural gas service at 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 documents and services used to determine and validate 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 vendors and consultants working with the Commission.

PROFESSIONAL DUES. Professional dues include membership fees for various Water Associations such as AWWA, AMWA, the Alliance for Water Efficiency, 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 site.

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 licensing and 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, 2023 TO APRIL 30, 2024

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 21-22 ACTUAL	WATER FUND FY 22-23 BUDGET	WATER FUND FY 22-23 PROJECTED	WATER FUND FY 23-24 BUDGET	% CHANGE FY 22-23 BUDGET VS FY 22-23 PROJECTED	% CHANGE FY 22-23 BUDGET VS FY 23-24 BUDGET
01 60 650000	ADMINISTRATIVE COSTS							
01 60 651000	OCCUPANCY COSTS							
01 60 651200	GENERATOR DIESEL FUEL		112,097	112,500	112,500	112,500	0.0%	0.0%
01 60 651300	NATURAL GAS		28,178	33,000	30,000	33,000	-9.1%	0.0%
01 60 651400	COMMUNICATION SYSTEMS		64,194	108,940	80,000	105,940	-26.6%	-2.8%
01 60 652000	ADMINISTRATION SUPPLIES							
01 60 652100	OFFICE SUPPLIES		16,080	28,220	25,000	28,220	-11.4%	0.0%
01 60 652200	BOOKS & PUBLICATIONS		3,602	5,331	6,000	8,050	12.5%	51.0%
01 60 653000	PRINTING & POSTAGE							
01 60 653100	PRINTING - GENERAL		344	15,100	5,000	15,100	-66.9%	0.0%
01 60 653200	POSTAGE & DELIVERY		3,419	6,600	4,000	6,400	-39.4%	-3.0%
01 60 654000	PROFESSIONAL DUES		20,924	20,905	20,905	19,425	0.0%	-7.1%
01 60 655000	OFFICE EQUIPMENT REPAIRS		8,648	7,620	9,000	7,620	18.1%	0.0%
01 60 656000	REPAIRS & MAINT - BLDGS & GRN		216,104	313,000	250,000	289,000	-20.1%	-7.7%
01 60 658000	COMPUTER SOFTWARE		9,434	40,200	40,000	40,200	-0.5%	0.0%
01 60 659000	SOFTWARE MAINTENANCE		116,005	142,000	135,000	179,600	-4.9%	26.5%
01 60 659100	OTHER ADMINISTRATIVE EXPENSE		6,331	11,300	11,300	13,500	0.0%	19.5%
	TOTAL ADMINISTRATIVE & MAINTENANCE COSTS		605,360	844,716	728,705	858,555	-13.7%	1.6%



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WATER SUPPLY. Water costs from the City of Chicago are budgeted on the forecast that the Commission's water consumption will remain consistent with last fiscal year. Based upon Chicago ordinance, the annual rate adjustment is based on the rate of inflation (CPI) for the 365-day period ending on the most recent January 1, but not-to-exceed 5%. The CPI for the period ending December 2022, is approximately 5.2%; therefore, the Commission is budgeting for a 5% increase from Chicago.

Last year, the Commission budgeted for the purchase of 26.0 billion gallons of water at a rate of 4.33 /thousand gallons. The FY 2023-24 budget once again assumes the purchase volume 26.0 billion gallons at an anticipated commodity cost of \$4.54 /thousand gallons. The 5% (\$0.21/ T-gal) forecast water rate adjustment by the City of Chicago is scheduled to become effective on June 1, 2022. 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, as well as the purchase of spare parts. Additionally, costs associated with meter testing and instrumentation are included in this category. Major cost elements for fiscal year 2023-2024 include pump maintenance, electrical switchgear/breaker maintenance, and relay calibration.

PIPELINE MAINTENANCE. Repairs to the Commission's pipelines include work performed under the Quick Response contract, as well as work performed by the Commission staff. Major expenses in this category include estimated pipeline repairs (\$750,000), valve assessments (\$300,000), and manhole repairs and adjustments (\$300,000).

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

DuPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2023 TO APRIL 30, 2024

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 21-22 ACTUAL	WATER FUND FY 22-23 BUDGET	WATER FUND FY 22-23 PROJECTED	WATER FUND FY 23-24 BUDGET	% CHANGE FY 22-23 BUDGET VS FY 22-23 PROJECTED	% CHANGE FY 22-23 BUDGET VS FY 23-24 BUDGET
01 60 660000	DIRECT WATER DISTRIBUTION COSTS							
01 60 661000	WATER SUPPLY							
01 60 661101	WATER PURCHASES-CHICAGO		113,646,328	112,519,974	116,500,000	117,977,062	3.5%	4.8%
01 60 661102	ELECTRIC-CHICAGO		1,391,001	1,600,000	1,280,000	2,000,000	-20.0%	25.0%
01 60 661103	MAINTENANCE-CHICAGO		488,362	780,000	650,000	780,000	-16.7%	0.0%
01 60 661104	MAJOR MAINTENANCE-CHICAGO		0	250,000	25,000	250,000	-90.0%	0.0%
01 60 661200	ELECTRIC - DuPAGE		1,599,160	2,750,000	1,750,000	2,750,000	-36.4%	0.0%
02 61 661202	METER STATION, ROV, TANK SITE		135,066	176,000	145,000	176,000	-17.6%	0.0%
01 60 661300	WATER CHEMICALS		7,981	51,000	40,000	57,900	-21.6%	13.5%
01 60 661400	WATER TESTING		18,124	59,000	59,000	101,744	0.0%	72.4%
01 60 662000	PUMP STATION OPERATIONS							
01 60 662100	PUMPING SERVICES		236,991	719,300	600,000	534,300	-16.6%	-25.7%
01 60 662300	METER TESTING & REPAIR		30,129	39,900	30,000	40,500	-24.8%	1.5%
01 60 662400	SCADA/INSTRUMENTATION		23,980	47,400	45,000	47,900	-5.1%	1.1%
01 60 662500	EQUIPMENT RENTAL		900	16,000	5,000	6,000	-68.8%	-62.5%
01 60 662600	UNIFORMS		12,689	17,000	17,000	22,000	0.0%	29.4%
01 60 662700	SAFETY		63,324	149,020	120,000	179,020	-19.5%	20.1%
01 60 663000	PIPELINE MAINTENANCE							
01 60 663100	PIPELINE REPAIRS		811,357	1,350,000	1,000,000	1,350,000	-25.9%	0.0%
01 60 663200	CORROSION TESTING & MITIGATION		1,119	305,000	300,000	345,000	-1.6%	13.1%
01 60 663300	METER STATIONS, ROVS, STANDPIPES		229,304	400,600	350,000	398,600	-12.6%	-0.5%
01 60 663400	PLAN REVIEW - PIPELINE CONFLICTS		45,733	52,000	50,000	53,000	-3.8%	1.9%
01 60 663700	PIPELINE SUPPLIES		76,993	85,000	85,000	104,000	0.0%	22.4%
01 60 664000	MACHINERY & EQUIPMENT NON-CAP		16,029	21,150	20,000	21,150	-5.4%	0.0%
01 60 664100	REPAIRS & MAINT - VEHICLES		27,044	39,500	30,000	39,500	-24.1%	0.0%
01 60 664200	FUEL- VEHICLES		29,703	37,200	37,200	45,000	0.0%	21.0%
01 60 664300	LICENSES - VEHICLES		1,476	3,150	2,000	3,300	-36.5%	4.8%
	TOTAL DIRECT WATER DISTRIBUTION COSTS		118,892,793	121,468,194	123,140,200	127,281,976	1.4%	4.8%



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BOND INTEREST COSTS. Currently the Commission has no debt outstanding; therefore, no interest expenses are budgeted in fiscal year 2023-2024.

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, 2023 TO APRIL 30, 2024

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 21-22 ACTUAL	WATER FUND FY 22-23 BUDGET	WATER FUND FY 22-23 PROJECTED	WATER FUND FY 23-24 BUDGET	% CHANGE FY 22-23 BUDGET VS FY 22-23 PROJECTED	% CHANGE FY 22-23 BUDGET VS FY 23-24 BUDGET
01 60 672000	BOND INTEREST							
01 60 672200	BOND INTEREST - REV BONDS		0	0	0	0		
01 60 672300	NOTE INTEREST - CERTIFICATES OF DEBT		0	0	0	0		
01 60 672400	CAPITAL LEASE INTEREST		0	0	0	0		
	TOTAL INTEREST EXPENSES		0	0	0	0		
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		5,646	14,450	6,000	6,200	-58.5%	-57.1%
	TOTAL LAND AND RIGHT-OF-WAY		5,646	15,450	6,500	7,200	-57.9%	-53.4%



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MACHINERY & EQUIPMENT PURCHASES. Machinery and equipment purchase in FY 2023-2024 include PCCP Adaptors (\$75,000), CL17 Analyzers (\$60,000) and Fencing (\$20,000). The purpose of budgeting these expenditures in one category is provide a computation for future depreciation and ensure conformance with GAAP accounting principles in the annual audit report. Purchases assigned to this category will be capitalized equipment for year-end audit compliance.

VEHICLE PURCHASES. The Commission is expecting to purchase two SUVs and one truck in fiscal year 2023-2024. The vehicles will replace ones 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 for water mains, buildings, and pumping equipment. Buildings are depreciated over a 40-year period. Pipelines are estimated to last 80 years, and pumping equipment has a 30-year life.

EQUIPMENT DEPRECIATION. Equipment is depreciated over a period of 3 – 25 years based upon the nature of each item.

VEHICLE DEPRECIATION. Vehicles are depreciated over 5 years.

DuPAGE WATER COMMISSION
 TENTATIVE DRAFT MANAGEMENT BUDGET
 MAY 1, 2023 TO APRIL 30, 2024

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 21-22 ACTUAL	WATER FUND FY 22-23 BUDGET	WATER FUND FY 22-23 PROJECTED	WATER FUND FY 23-24 BUDGET	% CHANGE FY 22-23 BUDGET VS FY 22-23 PROJECTED	% CHANGE FY 22-23 BUDGET VS FY 23-24 BUDGET
01 60 690000	CAPITAL EQUIPMENT/DEPRECIATION							
	EQUIPMENT PURCHASES							
01 60 685100	COMPUTER		32,373	76,500	70,000	82,500	-8.5%	7.8%
01 60 685200	OFFICE FURNITURE & EQUIPMENT		0	112,000	112,000	29,000	0.0%	-74.1%
01 60 685600	MACHINERY & EQUIPMENT		19,997	85,000	80,000	176,000	-5.9%	107.1%
01 60 685800	CAPITALIZED EQUIPMENT PURCHASES		(19,997)	(197,000)	(192,000)	(205,000)	-2.5%	4.1%
	VEHICLE PURCHASES							
01 60 686000	VEHICLES		98,081	120,000	60,000	196,000	-50.0%	63.3%
01 60 686800	CAPITALIZED VEHICLES PURCHASES		(98,081)	(120,000)	(60,000)	(196,000)	-50.0%	63.3%
01 60 692000	DEPRECIATION - WATER MAINS		4,798,046	5,150,000	4,809,000	5,100,000	-6.6%	-1.0%
01 60 693000	DEPRECIATION - BUILDINGS		2,895,979	3,400,000	2,912,000	3,400,000	-14.4%	0.0%
01 60 694000	DEPRECIATION - PUMPING EQUIPMENT		1,603,206	1,840,000	1,460,000	1,840,000	-20.7%	0.0%
01 60 695200	DEPRECIATION - OFFICE FURNITURE		64,481	160,000	73,000	190,000	-54.4%	18.8%
01 60 696000	DEPRECIATION - VEHICLE		99,254	182,000	119,000	182,000	-34.6%	0.0%
	TOTAL CAPITAL EQUIPMENT/DEPRECIATION		9,493,339	10,808,500	9,443,000	10,794,500	-12.6%	-0.1%
	TOTAL OPERATING EXPENSES		135,072,236	141,861,293	141,303,413	148,095,669	-0.4%	4.4%



CONSTRUCTION EXPENDITURES. The capital projects budgeted for fiscal year 2023-2024 are listed separately and described in detail in the Five Year Capital Plan.

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DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2023 TO APRIL 30, 2024

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 21-22 ACTUAL	WATER FUND FY 22-23 BUDGET	WATER FUND FY 22-23 PROJECTED	WATER FUND FY 23-24 BUDGET	% CHANGE FY 22-23 BUDGET VS FY 22-23 PROJECTED	% CHANGE FY 22-23 BUDGET VS FY 23-24 BUDGET
01 60 700000	CONSTRUCTION EXPENDITURES							
01 60 711000	METERING STATIONS		0	1,000,000	0	0		
01 60 722100	ADDITION OF PUMP		15,119	0	0	0		
01 60 722200	DPS BUILDINGS REHAB & MAINTENANCE		173,894	1,000,000	1,000,000	950,000		
01 60 722202	DPS VALVE REPLACEMENT		0	0	0	500,000		
01 60 722203	DPS BUILDING INFRASTRUCTURE MODEL		0	0	0	0		
01 60 722300	GENERATION BUILDING IMPROVEMENTS		183,402	4,800,000	1,600,000	4,800,000		
01 60 722500	BUILDING AUTOMATION SYSTEM		0	1,000,000	500,000	0		
01 60 751000	TRANSMISSION MAINS		411,813	0	0	0		
01 60 751100	90 & 72 INCH SUPPLY UPGRADES		4,171	0	0	0		
01 60 751200	CATHODIC PROTECTION		30,349	1,750,000	450,000	750,000		
01 60 761000	STANDPIPE IMPROVEMENTS		86,975	0	0	0		
01 60 770401	RADIO REPLACEMENT		0	0	0	0		
01 60 771000	VALVE REHAB & REPLACEMENT		28,666	500,000	300,000	500,000		
01 60 771200	CONDITION ASSESSMENT		10,085	500,000	500,000	500,000		
01 60 771700	REPLACEMENT OF SCADA SYSTEM		641,046	2,000,000	3,200,000	6,800,000		
01 60 771900	HIGHLIFT PUMP REHAB		(70,022)	0	0	0		
01 60 772300	REPLACEMENT OF CHILLERS		661	250,000	250,000	0		
01 60 772500	ALTERNATIVE WATER SOURCE		0	0	0	1,000,000		
01 60 798000	CAPITALIZED FIXED ASSETS		(1,516,159)	(12,800,000)	(7,800,000)	(15,800,000)	-39.1%	23.4%
	TOTAL CONSTRUCTION EXPENDITURES		0	0	0	0		



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ESCROW FUNDED CONSTRUCTION. The capital projects budgeted in this category are to be funded through escrow accounts established by customers for specific projects.

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DuPAGE WATER COMMISSION
 TENTATIVE DRAFT MANAGEMENT BUDGET
 MAY 1, 2023 TO APRIL 30, 2024

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 21-22 ACTUAL	WATER FUND FY 22-23 BUDGET	WATER FUND FY 22-23 PROJECTED	WATER FUND FY 23-24 BUDGET	% CHANGE FY 22-23 BUDGET VS FY 22-23 PROJECTED	% CHANGE FY 22-23 BUDGET VS FY 23-24 BUDGET
01 80 850000	ESCROW FUNDED CONSTRUCTION							
01 80 851000	METERING STATIONS		0	0	0	1,000,000		
01 80 852001	AQUA ILLINOIS		0	0	0	2,000,000		
01 80 852010	MONTGOMERY/OSWEGO/YORKVILLE		0	0	0	1,200,000		
01 80 899000	CONTRIBUTED/CAPITALIZED FIXED ASSETS		0	0	0	(4,200,000)		
			0	0	0	0		

DuPage Pump Station Improvements	2023-24	2024-25	2025-26	2026-2027	2027-28
DPPS Building Improvements	\$200,000	\$2,000,000			
DPPS Storage Building Improvements	\$250,000				
DPPS Supply and Exhaust Fans Replacement					\$600,000
DPPS Generator Facility Improvements	\$4,800,000				
Building Infrastructure/GIS Modeling		\$500,000	\$1,000,000		
DPPS Pumping System Improvements	2023-24	2024-25	2025-26	2026-2027	2027-28
Replacement of SCADA System	\$6,500,000	\$4,500,000	\$2,500,000	\$800,000	
Large Diameter Valve Replacements	\$500,000	\$1,500,000	\$500,000		
Industrial Coatings Rehabilitation	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Distribution System Improvements	2023-24	2024-25	2025-26	2026-2027	2027-28
ROV and Large Valve Repairs and Upgrades	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
North Transmission Main Bypass			\$1,000,000		
Distribution System Upgrades		\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000
Cathodic Protection Improvements	\$750,000	\$250,000	\$250,000	\$250,000	\$250,000
Remote Facilities Improvements	2023-24	2024-25	2025-26	2026-2027	2027-28
SCADA Radio Replacements	\$300,000				
Meter Station Roof and Siding Replacements		\$100,000	\$100,000	\$100,000	
Industrial Coatings Rehabilitation		\$500,000	\$500,000	\$500,000	\$500,000
Condition Assessment	2023-24	2024-25	2025-26	2026-2027	2027-28
Condition Assessment Related Projects	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Alternate Water Source	2023-24	2024-25	2025-26	2026-2027	2027-28
Engineering	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Property Interests	\$400,000				
Legal	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Construction				\$5,000,000	\$5,000,000
ANNUAL TOTALS	\$15,800,000	\$13,450,000	\$10,050,000	\$10,750,000	\$10,450,000

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	DuPage Pump Station Improvements		
PROJECT:	Building Improvements		
LOCATION:	DuPage Pumping Station		
DESCRIPTION:	Replacement of damaged windows, curtainwalls, and upgrade/remodeling of public spaces		
PURPOSE:	Architectural improvements are necessary to maintain the building envelope and are recommended to upgrade the public spaces within the DPPS.		
BENEFIT:	Improve the energy and operational efficiencies, and public spaces within the DPPS.		
ESTIMATED TOTAL PROJECT COST:	\$2,200,000		
PROPERTY INTERESTS:	None Required		
LEGAL:	None Required		
ENGINEERING:	Engineer/Architect TBD; Design in FY23/24		
CONSTRUCTION:	Construction in FY24/25		
PROJECTED SCHEDULE:			Estimated Annual Expense:
	FY23/24	Engineering	\$200,000
	FY24/25	Engineering/Construction	\$2,000,000
	FY25/26	Complete	\$0
	FY26/27	Complete	\$0
	FY27/28	Complete	\$0

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	DuPage Pump Station Improvements		
PROJECT:	Storage Building Improvements		
LOCATION:	DuPage Pumping Station		
DESCRIPTION:	Add a mezzanine to the equipment storage building and extend an asphalt material storage pad		
PURPOSE:	Provide additional storage for stock parts, inventory, and spare water main fittings.		
BENEFIT:	Provide sufficient controlled storage space for stock equipment and provide additional exterior space to improve stock of pipeline materials for quick response repair purposes.		
ESTIMATED TOTAL PROJECT COST:	\$250,000		
PROPERTY INTERESTS:	None Required		
LEGAL:	None Required		
ENGINEERING:	Design in FY23/24		
CONSTRUCTION:	Construction in FY23/24		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	Engineering/Construction	\$250,000
	FY24/25	Complete	\$0
	FY25/26	Complete	\$0
	FY26/27	Complete	\$0
	FY27/28	Complete	\$0

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	DuPage Pump Station Improvements		
PROJECT:	Supply and Exhaust Fans Replacement		
LOCATION:	DuPage Pumping Station		
DESCRIPTION:	Replace Pump Room ventilation systems		
PURPOSE:	Replace thirty (30) year-old wall supply fans and exhaust fans which supply air flow across the high lift pump motors and discharge warmer air to the building exterior.		
BENEFIT:	The Pump Room ventilation system reduces the heat within this critical area to allow for the control of heat, humidity, and corrosion to maximize the life of the pumps and motors.		
ESTIMATED TOTAL PROJECT COST:	\$600,000 (2022 Dollars)		
PROPERTY INTERESTS:	None Required		
LEGAL:	None Required		
ENGINEERING:	Design in FY27/28		
CONSTRUCTION:	Construction in FY27/28		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	None	\$0
	FY24/25	None	\$0
	FY25/26	None	\$0
	FY26/27	None	\$0
	FY27/28	Engineering/Construction	\$600,000

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	DPPS Pump Station Improvements		
PROJECT:	Generator Facility Improvements		
LOCATION:	DuPage Pumping Station		
DESCRIPTION:	Modification of the Generator Facility from four (4) stationary units and one (1) portable unit to five (5) stationary units in a single superstructure.		
PURPOSE:	Modification to provide all stationary generator units to improve environmental safety and improve maintenance, provide upgraded fuel management system, upgrade generator controls, improve HVAC in electrical and mechanical rooms, and provide improved roof-top access to maintain HVAC equipment. A contract for the Generation System Modifications was awarded in 2022 to JJ Henderson and Son (Contract PSD-10/22).		
BENEFIT:	Improves safety and reduces risk by housing the fifth generator inside the building envelope with improved containment and updated controls. Increases lifespan of electronic and mechanical equipment by improving the environments in which they are installed and operate. Reduces the risk of slips and falls by employees and contractors by eliminating ladder access to rooftops by providing fixed stairs.		
ESTIMATED TOTAL PROJECT COST:	\$4,800,000 in FY 2023-24		
PROPERTY INTERESTS:	None Required		
LEGAL:	None Required		
ENGINEERING:	Greeley & Hansen		
CONSTRUCTION:	Under Contract: JJ Henderson and Son		
PROJECTED SCHEDULE:			Estimated Annual Expense:
	FY23/24	Engineering/Construction	\$4,800,000
	FY24/25	Complete	\$0
	FY25/26	Complete	\$0
	FY26/27	Complete	\$0
	FY27/28	Complete	\$0

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	DPPS Pump Station Improvements		
PROJECT:	Building Infrastructure/GIS Modeling		
LOCATION:	DuPage Pumping Station		
DESCRIPTION:	Electronic 3-D mapping of the DuPage Pumping Station campus facilities including process piping, internal mechanical components, and exterior exposed and buried utilities.		
PURPOSE:	BIM/GIS modeling provides an extremely accurate as-built record of the existing facilities and infrastructure. The BIM/GIS modeling will augment all project record documentation by encapsulating all data into a single file structure and create a visual 3-D layout. BIM has emerged as the industry standard for the documentation of process piping and conflict elements within the utility and manufacturing industry.		
BENEFIT:	Staff currently relies on using hand-drawn record drawings with penciled revisions, for construction projects completed between 1988 and 1995, as well as CAD record drawings from 1995 to present. Most drawings are not relatable to one another and are difficult for staff to navigate unless an employee has inherent knowledge of each completed project. Upon completion of the BIM/GIS modeling project, staff will have the ability to share precise and accurate data files internally and with consultants and vendors. This project is particularly important as the long-term DWC employees begin to retire in order to document and retain institutional knowledge.		
ESTIMATED TOTAL PROJECT COST:	\$1,500,000		
PROPERTY INTERESTS:	None Required		
LEGAL:	None Required		
ENGINEERING:	TBD		
CONSTRUCTION:	None Required		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	None	\$0
	FY24/25	Engineering	\$500,000
	FY25/26	Engineering	\$1,000,000
	FY26/27	Complete	\$0
	FY27/28	Complete	\$0

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	DPPS Pumping System Improvements		
PROJECT:	Replacement of SCADA System		
LOCATION:	DuPage Pumping Station and Remote Facilities		
DESCRIPTION:	Replace the Commission’s computer-based Supervisory Control and Data Acquisition (SCADA) system and ancillary equipment including facility security systems.		
PURPOSE:	Replaces the current computer hardware and software configurations in the DPPS, and across all remote facilities and ROV’s, which have been in operation since 1991. The system has eclipsed its useful life and the existing hardware is no longer supported. A contract for the SCADA System Replacement was awarded in 2022 to Concentric/Boller Construction (Contract PSD-11/22).		
BENEFIT:	Replaces proprietary computer-based systems with open-source systems which improves availability of equipment and support services.		
ESTIMATED TOTAL PROJECT COST:	\$16,000,000		
PROPERTY INTERESTS:	None Required		
LEGAL:	None Required		
ENGINEERING:	Carollo Engineering / Strand Associates		
CONSTRUCTION:	Under Contract: Concentric/Boller Construction, LLC		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	Engineering/Construction	\$6,500,000
	FY24/25	Engineering/Construction	\$4,500,000
	FY25/26	Engineering/Construction	\$2,500,000
	FY26/27	Mid-Year Completion	\$800,000
	FY27/28	Complete	\$0

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	DPPS Pumping System Improvements		
PROJECT:	Large Diameter Valve Replacements		
LOCATION:	DuPage Pumping Station		
DESCRIPTION:	Replacement of malfunctioning 72" diameter valves in the Pump Discharge Header of the DuPage Pump Station		
PURPOSE:	Replacement of the discharge header valves will allow for complete isolation of high pressure pipelines and allow the performance of repairs and/or replacement of other critical valves in the pumping system as well as transmission system valves in in and adjacent to the DuPage Pump Station.		
BENEFIT:	The replacement of these critical valves will allow for effective closure and partial isolation of the pumping system. Upon completion, the replacement valves will eliminate the need to perform a complete shut down of the DuPage Pumping System to facilitate repairs downstream of the High Lift Pumps and DuPage Pump Station, as the pump station can be isolated in half in compliance with the design intention.		
ESTIMATED TOTAL PROJECT COST:	\$2,000,000		
PROPERTY INTERESTS:	None Required		
LEGAL:	None Required		
ENGINEERING:	TBD		
CONSTRUCTION:	TBD		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	Engineering	\$500,000
	FY24/25	Construction	\$1,500,000
	FY25/26	Construction	\$500,000
	FY26/27	Complete	\$0
	FY27/28	Complete	\$0

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	DPPS Pumping System Improvements		
PROJECT:	Industrial Coatings Rehabilitation		
LOCATION:	DuPage Pumping Station		
DESCRIPTION:	Insulation Removal, Abrasive Blasting and Application of Industrial Coatings to Piping Systems Showing Signs of External Corrosion		
PURPOSE:	To remove closed-cell foam insulation installed circa 1990, which has been determined as a cause of accelerated corrosion on steel pipelines; to remove the external corrosion by abrasive blasting; apply industrial coatings to delay corrosion, and in some instances, apply an insulating system that does not promote corrosion.		
BENEFIT:	Extension of the lifespan of pipe, valves, and fittings within Commission water conveyance systems.		
ESTIMATED TOTAL PROJECT COST:	\$2,500,000		
PROPERTY INTERESTS:	None Required		
LEGAL:	None Required		
ENGINEERING:	TBD		
CONSTRUCTION:	TBD		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	Construction	\$500,000
	FY24/25	Construction	\$500,000
	FY25/26	Construction	\$500,000
	FY26/27	Construction	\$500,000
	FY27/28	Construction	\$500,000

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	Distribution System Improvements		
PROJECT:	ROV and Large Valve Repairs and Upgrades		
LOCATION:	Various Locations Throughout DWC Service Area		
DESCRIPTION:	Repair or Replacement of Distribution System Valves as determined by the Valve Assessment Program		
PURPOSE:	Repair valves remotely operated valves and associated equipment, and replace other large valves as they reach their end of life or when repair parts are no longer in production. Valve Assessment program is being performed is Q1/Q2 2023.		
BENEFIT:	Full-closure and functional remote operation of critical valves is of paramount importance to ensure a quick and complete isolation of the system in the event of a water main break or planned system maintenance.		
ESTIMATED TOTAL PROJECT COST:	\$2,500,000		
PROPERTY INTERESTS:	None Required		
LEGAL:	None Required		
ENGINEERING:	TBD		
CONSTRUCTION:	TBD		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	Construction	\$500,000
	FY24/25	Construction	\$500,000
	FY25/26	Construction	\$500,000
	FY26/27	Construction	\$500,000
	FY27/28	Construction	\$500,000

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	Distribution System Improvements		
PROJECT:	North Transmission Main By-pass		
LOCATION:	Bensenville		
DESCRIPTION:	Install an Alternate Emergency Point of Supply for Connections along the North Transmission main		
PURPOSE:	To provide redundant source of water for customers in the northeast quadrant of the Commission distribution system.		
BENEFIT:	Should it become necessary to isolate a lengthy section of the north Transmission Main, construction and operation of a strategically located by-pass will reduce the potential impact to the Village of Bensenville and other customers.		
ESTIMATED TOTAL PROJECT COST:	\$1,000,000		
PROPERTY INTERESTS:	TBD		
LEGAL:	TBD		
ENGINEERING:	TBD		
CONSTRUCTION:	TBD		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	None	\$0
	FY24/25	None	\$0
	FY25/26	Construction	\$1,000,000
	FY26/27	None	\$0
	FY27/28	None	\$0

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	Distribution System Improvements		
PROJECT:	Distribution System Upgrades		
LOCATION:	Various Locations Throughout DWC Service Area		
DESCRIPTION:	Installation, Replacement, and/or Repair of Pipeline Valves and critical redundancy infrastructure		
PURPOSE:	Repair, install, or replace various portions of pipelines and valves as required to ensure system resiliency and to provide redundancy at critical locations.		
BENEFIT:	DWC analysis has identified critical locations where a water main break isolation could critically impact flow to one or more customer communities. Proposed work would provide additional infrastructure to minimize these conditions.		
ESTIMATED TOTAL PROJECT COST:	\$8,000,000		
PROPERTY INTERESTS:	TBD		
LEGAL:	TBD		
ENGINEERING:	TBD		
CONSTRUCTION:	TBD		
PROJECTED SCHEDULE:			Estimated Annual Expense:
	FY23/24	None	\$0
	FY24/25	Construction	\$2,000,000
	FY25/26	Construction	\$2,000,000
	FY26/27	Construction	\$2,000,000
	FY27/28	Construction	\$2,000,000

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	Distribution System Improvements		
PROJECT:	Cathodic Protection Improvements		
LOCATION:	Various Locations Throughout DWC Service Area		
DESCRIPTION:	Pipeline Cathodic Protection Improvements		
PURPOSE:	Construct and maintain cathodic protection for steel and PCCP water mains to mitigate the effects of corrosion caused by soil conditions and/or stray electrical current, in order to maximize the life of the pipelines.		
BENEFIT:	The maximization of useful life for steel and PCCP water mains, and to reduce the potential for leaks.		
ESTIMATED TOTAL PROJECT COST:	\$1,750,000		
PROPERTY INTERESTS:	TBD		
LEGAL:	TBD		
ENGINEERING:	TBD		
CONSTRUCTION:	TBD		
PROJECTED SCHEDULE:			Estimated Annual Expense:
	FY23/24	Engineering/Construction	\$750,000
	FY24/25	Engineering/Construction	\$250,000
	FY25/26	Engineering/Construction	\$250,000
	FY26/27	Engineering/Construction	\$250,000
	FY27/28	Engineering/Construction	\$250,000

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	Remote Facilities Improvements		
PROJECT:	SCADA Radio Replacements		
LOCATION:	Various Locations Throughout DWC Service Area		
DESCRIPTION:	Replacement of SCADA system communication equipment		
PURPOSE:	Replace SCADA radio equipment which is no longer supported		
BENEFIT:	Maintain communications between the SCADA host equipment and approximately 134 Remote Facilities		
ESTIMATED TOTAL PROJECT COST:	\$300,000		
PROPERTY INTERESTS:	TBD		
LEGAL:	TBD		
ENGINEERING:	TBD		
CONSTRUCTION:	TBD		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	Construction	\$300,000
	FY24/25	None	\$0
	FY25/26	None	\$0
	FY26/27	None	\$0
	FY27/28	None	\$0

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	Remote Facilities Improvements		
PROJECT:	Meter Station Roof and Siding Replacement		
LOCATION:	Various Locations Throughout DWC Service Area		
DESCRIPTION:	Meter Station roof and siding replacement		
PURPOSE:	Replacement of asphalt shingle roofing, installed between 1995 and 2000, which has exceeded the useful life, with steel standing seam roofing, and to remove EIF (Extruded Insulating Foam) System siding with insulated metal cladded panel siding.		
BENEFIT:	Standing seam roofing has a life expectancy much greater than the standard 15-year or 20-year asphalt shingles. The EIF system is subject to damage from birds nesting inside and creating a biological hazard as well as the trapping of moisture which also causes a biological and structural hazard.		
ESTIMATED TOTAL PROJECT COST:	\$300,000		
PROPERTY INTERESTS:	None		
LEGAL:	None		
ENGINEERING:	TBD		
CONSTRUCTION:	TBD		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	None	\$0
	FY24/25	Engineering/Construction	\$100,000
	FY25/26	Construction	\$100,000
	FY26/27	Construction	\$100,000
	FY27/28	None	\$0

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	Remote Facility Improvements		
PROJECT:	Industrial Coatings Rehabilitation		
LOCATION:	Various Locations Throughout DWC Service Area		
DESCRIPTION:	Insulation removal, abrasive blasting, and application of industrial coatings to piping systems showing signs of external corrosion		
PURPOSE:	To remove closed-cell foam insulation, which has been determined as a cause of corrosion on steel and ductile iron pipelines and fasteners; to remove the external corrosion by abrasive blasting; apply industrial coatings to delay corrosion, and in some instances, apply an insulating system that does not promote corrosion.		
BENEFIT:	Extension of the lifespan of pipe, valves, and fittings within Commission water conveyance systems.		
ESTIMATED TOTAL PROJECT COST:	\$2,000,000		
PROPERTY INTERESTS:	None Required		
LEGAL:	None Required		
ENGINEERING:	TBD		
CONSTRUCTION:	TBD		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	None	\$0
	FY24/25	Construction	\$500,000
	FY25/26	Construction	\$500,000
	FY26/27	Construction	\$500,000
	FY27/28	Construction	\$500,000

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	Condition Assessment Remediation		
PROJECT:	Condition Assessment Related Projects		
LOCATION:	Various Locations Throughout DWC Service Area		
DESCRIPTION:	Remediation of Deficiencies found in the 2014-2015 Condition Assessment, and identified in following analyses		
PURPOSE:	Address the deficiencies identified in the Condition Assessment, resolve other deficiencies identified following the comprehensive 2014-15 report		
BENEFIT:	The remediation process will correct the remaining deficiencies identified to maintain system and subsystem operations, and ensure that the assets of the DuPage Water Commission are retained in functional and reliable condition.		
ESTIMATED TOTAL PROJECT COST:	\$2,500,000		
PROPERTY INTERESTS:	None Required		
LEGAL:	None Required		
ENGINEERING:	As Needed		
CONSTRUCTION:	TBD		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	Construction	\$500,000
	FY24/25	Construction	\$500,000
	FY25/26	Construction	\$500,000
	FY26/27	Construction	\$500,000
	FY27/28	Construction	\$500,000

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	Alternative Water Source Project		
PROJECT:	Alternative Water Source Project		
LOCATION:	TBD		
DESCRIPTION:	Study, Design, and Construct an Alternative Lake Michigan Water Supply		
PURPOSE:	To determine the feasibility of advancing a project for an Alternative source of Lake Michigan Water. Project to include construction of a Lake Michigan Water intake source, provide treatment, and conveyance systems to supply current and future needs of the DuPage Water Commission as an alternative to purchasing commodity water from the City of Chicago		
BENEFIT:	The potential to lower the cost of service as an alternative to the current rate model as defined by the City of Chicago, governance control of the full-system from the Lake Michigan source to the customer communities. Potential to partner with other regional wholesalers to create a new regional source water system.		
ESTIMATED TOTAL PROJECT COST:	<p>The Five-Year Capital Budget includes \$13,400,000 however the Final Assessment Report, due early 2nd Quarter 2023, will provide additional details for consideration including an opinion of legal, engineering and probable construction costs. Property acquisition costs not included in this forecast may be realized based upon the timing in which they are identified and purchase opportunities are presented.</p> <p>This is a long-term project, with a likely 15-year period prior to completion and commissioning.</p>		
PROPERTY INTERESTS:	Required; TBD		
LEGAL:	Required; TBD		
ENGINEERING:	Required; TBD		
CONSTRUCTION:	Required; TBD		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	Legal/Engineering/Property	\$1,000,000
	FY24/25	Legal/Engineering	\$600,000
	FY25/26	Legal/Engineering	\$600,000
	FY26/27	Legal/Engineering/Construction	\$5,600,000
	FY27/28	Legal/Engineering/Construction	\$5,600,000

Metering Stations	2023-24	2024-25	2025-26	2026-2027	2027-28
Lombard 5 th Connection	\$1,000,000				
Aqua Illinois – Oak Brook Area Zone Connections	2023-24	2024-25	2025-26	2026-2027	2027-28
New Customer Connections	\$2,000,000	\$2,000,000			
Montgomery/Oswego/Yorkville 'Waterlink Customer Addition'	2023-24	2024-25	2025-26	2026-2027	2027-28
Engineering	\$1,000,000	\$2,500,000	\$5,000,000	\$2,500,000	\$250,000
Property Interests	\$200,000	\$200,000			
Construction		\$25,000,000	\$50,000,000	\$25,000,000	
ANNUAL TOTALS	\$4,200,000	\$29,700,00	\$56,000,000	\$27,500,000	\$250,000

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	Escrow Funded Projects		
PROJECT:	Village of Lombard 5th Connection		
LOCATION:	Lombard, Illinois		
DESCRIPTION:	Lombard 5 th Connection		
PURPOSE:	To provide an additional point of connection for the Lombard Unit System.		
BENEFIT:	Lombard has requested an additional point of connection to improve reliability of their Unit System and to provide an alternate source of water in the event the Commission requires the emergency shut down of other Lombard Connections. Lombard has requested the Commission to design and construct the Village Pressure Adjusting Station as a joint facility with the Commission's Meter Station, pending advancement of a Lombard development.		
ESTIMATED TOTAL PROJECT COST:	The Five-Year Capital Budget has proposed is \$1,000,000 of which Lombard has posted escrow in sufficient quantity to cover initial engineering cost. Additional funding will be posted upon Lombard approval to commence construction. The facilities will be constructed within easements and land provided or procured by the Village of Lombard		
PROPERTY INTERESTS:	None		
LEGAL:	None		
ENGINEERING:	Under Contract with AECOM		
CONSTRUCTION:	TBD		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	Engineering/Property/Construction	\$1,000,000
	FY24/25	None	\$0
	FY25/26	None	\$0
	FY26/27	None	\$0
	FY27/28	None	\$0

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	Escrow Funded Projects	
PROJECT:	Aqua Illinois – Formerly Oak Brook Service Zones 1-5	
LOCATION:	York Township DuPage County, and Proviso Township, Cook County	
DESCRIPTION:	New customer connections	
PURPOSE:	To provide points of connection for five (5) discreet and non-contiguous zones previously served by the Village of Oak Brook.	
BENEFIT:	Provide Lake Michigan Water	
ESTIMATED TOTAL PROJECT COST:	The Five-Year Capital Budget has proposed \$4,000,000 of which Aqua Illinois has posted escrow in sufficient quantity to cover estimated engineering and construction costs in 2022 dollars. The facilities will be constructed within easements and land provided or procured by Aqua Illinois.	
PROPERTY INTERESTS:	Provided by Aqua Illinois	
LEGAL:	None	
ENGINEERING:	TBD	
CONSTRUCTION:	TBD	
PROJECTED SCHEDULE:		Estimated Annual Expense:
FY23/24	Engineering/Property/Construction	\$2,000,000
FY24/25	Engineering/Construction	\$2,000,000
FY25/26	Engineering/Construction	\$0
FY26/27	None	\$0
FY27/28	None	\$0

**DuPAGE WATER COMMISSION
2024-2028
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

AREA:	Escrow Funded Projects		
PROJECT:	WaterLink Communities Customer Additions: Montgomery, Oswego and Yorkville		
LOCATION:	DuPage, Kane and Kendall Counties, Illinois		
DESCRIPTION:	New Customer Connections		
PURPOSE:	To extend service to additional areas in Kendall and Kane Counties as a result of the selection of the DuPage Water Commission as the preferred source of Lake Michigan water to the municipalities of Montgomery, Oswego, and Yorkville, also known as the “WaterLink Communities”.		
BENEFIT:	Provide Lake Michigan Water to areas currently served by a depleting well water source.		
ESTIMATED TOTAL PROJECT COST:	The Five-Year Capital Budget includes \$111,650,000 of which the WaterLink Communities will provide funding in sufficient quantity to cover estimated engineering, legal, property and construction costs to be determined in Fiscal Year 2023/2024. The facilities will be designed and constructed within right-of-way and easements and land provided or procured by the WaterLink Communities. Funding may be provided by external sources such as WIFIA or State Revolving Funds		
PROPERTY INTERESTS:	Constructed within right-of-way and easements and land provided or procured by the WaterLink Communities.		
LEGAL:	TBD		
ENGINEERING:	TBD		
CONSTRUCTION:	TBD		
PROJECTED SCHEDULE:		Estimated Annual Expense:	
	FY23/24	Engineering/Property	\$1,200,000
	FY24/25	Engineering/Property/Construction	\$27,700,000
	FY25/26	Engineering/Construction	\$55,000,000
	FY26/27	Engineering/Construction	\$27,500,000
	FY27/28	Engineering	\$250,000