



# DuPage Water Commission

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

## AGENDA

### DUPAGE WATER COMMISSION

THURSDAY, MARCH 17, 2022  
5:00 P.M.

600 EAST BUTTERFIELD ROAD  
ELMHURST, IL 60126

- I. Call to Order and Pledge of Allegiance
- II. Roll Call  
(Majority of the Commissioners then in Office—minimum 7)
- III. Plaque Presentation  
  
Michael Hughes – IT Coordinator  
  
Richard Nolan – Field Maintenance Coordinator  
  
John Schori – Instrumentation/Remote Facilities Supervisor
- IV. Public Comments (limited to 3 minutes per person)
- V. Approval of Minutes  
(Concurrence of a Majority of those Commissioners Present, provided there is a quorum—minimum 4)

**RECOMMENDED MOTION: To approve the Minutes of the February 17, 2022 Committee of the Whole Meeting and the February 17, 2022 Regular Commission Meeting. (Roll Call).**

- VI. Treasurer's Report  
(Concurrence of a Majority of those Commissioners Present, provided there is a quorum—minimum 4)

**RECOMMENDED MOTION: To accept the February 2022 Treasurer's Report (Voice Vote).**

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

## VII. Committee Reports

## A. Finance Committee Report

1. Report of 3/17/22 Finance Committee
2. Actions on Other Items Listed on 3/17/22 Finance Committee Agenda
3. Request for Board Action: To Approve the Renewal of the contract with Arthur J. Gallagher for insurance brokerage services at the DuPage Water Commission **(Not to Exceed \$29,500 – FINAL YEAR)**

(Affirmative Majority of the Appointed Commissioners, containing the votes of at least 1/3 of the County Appointed Commissioners and 40% of the Municipal Appointed Commissioners—3 County + 3 Muni+1=7)

**RECOMMENDED MOTION: To adopt item numbers 1 through 3 under the Finance Report section of the Agenda pursuant to the Omnibus Vote Procedures (Roll Call).**

## B. Administration Committee Report

1. Report of 3/17/22 Administration Committee.
2. Actions on Other Items Listed on 3/17/22 Administration Committee Agenda
3. Resolution No. R-18-22: A Resolution Authorizing and Ratifying the Disposal of Certain Personal Property Owned by the DuPage Water Commission **(2007 Ford Ranger – Estimated Value of \$6,200.00)**

(Concurrence of a Majority of the Appointed Commissioners - 7)

**RECOMMENDED MOTION: To adopt item numbers 1 through 3 under the Administration Committee Report section of the Agenda pursuant to the Omnibus Vote Procedures (Roll Call).**

## C. Engineering &amp; Construction Report

1. Report of 3/17/22 Engineering & Construction Committee
2. Resolution No. R-14-22: A Resolution Awarding two Contracts for 36-Month Maintenance, Parts and Repair Service for Large Water Pumps at the DuPage Pumping Station **(Estimated Cost - Midwest Service Center \$387,465.00 – Superior Industrial Equipment \$525,648.00)**

(Affirmative Majority of the Appointed Commissioners, containing the votes of at least 1/3 of the County Appointed Commissioners and 40% of the Municipal Appointed Commissioners—3 County + 3 Muni+1=7)

3. Resolution No. R-17-22: A Resolution Approving and Ratifying Change Order 2 for Contract VAP-1/21, Valve Assessment Program, at the March 17, 2022 DuPage Water Commission Meeting **(Final Contract Price of \$26,315.00)**

(Affirmative Majority of the Appointed Commissioners, containing the votes of at least 1/3 of the County Appointed Commissioners and 40% of the Municipal Appointed Commissioners—3 County + 3 Muni+1=7)

4. Resolution No. R-19-22: A Resolution Approving and Ratifying certain work authorization orders under quick response electrical contract with Courtesy Electric Inc., QRE —9/20 at the March 17, 2022 DuPage Water Commission Meeting. **(Estimated Cost of \$14,925.00)**

(Concurrence of a Majority of the Appointed Commissioners - 7)

5. Resolution No. R-20-22: A Resolution Approving a Fourth Amendment to Task Order No. 3 under a Master Contract with Greeley and Hansen Emergency Generation System Modifications – Construction Services **(Not-to-Exceed \$673,400.00)**

(Affirmative Majority of the Appointed Commissioners, containing the votes of at least 1/3 of the County Appointed Commissioners and 40% of the Municipal Appointed Commissioners—3 County + 3 Muni+1=7)

6. Resolution No. R-21-22: A Resolution Approving and Authorizing the Interim Manager of Water Operations to Retrofit the Emergency Generation System Controls via Caterpillar/Altorfer Power Systems through Sourcewell-MN.org Purchasing Cooperative Contract No. 120617 at the March 17, 2022 DuPage Water Commission Meeting. **(Not to Exceed \$900,000.00)**

(Affirmative Majority of the Appointed Commissioners, containing the votes of at least 1/3 of the County Appointed Commissioners and 40% of the Municipal Appointed Commissioners—3 County + 3 Muni+1=7)

7. Actions on Other Items Listed on 3/17/22 Engineering & Construction Committee Agenda

**RECOMMENDED MOTION: To adopt item numbers 2 through 7 under the Engineering & Construction Report section of the Agenda in a single group pursuant to the Omnibus Vote Procedures (Roll Call).**

#### VIII. Accounts Payable

(Affirmative Majority of the Appointed Commissioners, containing the votes of at least 1/3 of the County Appointed Commissioners and 40% of the Municipal Appointed Commissioners—3 County + 3 Muni+1=7)

**RECOMMENDED MOTION: To approve the Accounts Payable in the amount of \$8,005,778.89 subject to submission of all contractually required documentation, for invoices that have been received (Roll Call).**

**RECOMMENDED MOTION: To approve the Accounts Payable in the amount of \$1,206,380.00 subject to submission of all contractually required documentation, for invoices that have not yet been received but have been estimated (Roll Call).**

IX. Chairman's Report

(Affirmative Majority of the Appointed Commissioners, containing the votes of at least 1/3 of the County Appointed Commissioners and 40% of the Municipal Appointed Commissioners—3 County + 3 Muni+1=7)

X. Omnibus Vote Requiring Majority Vote

XI. Omnibus Vote Requiring Super-Majority or Special Majority Vote

XII. Old Business

XIII. New Business

XIV. Executive Session

(Concurrence of a Majority of those Commissioners Present, provided there is a quorum—minimum 4)

**RECOMMENDED MOTION: To go into Executive Session to discuss security procedures pursuant to 5 ILCS 120/2(c)(8), to discuss matters related to personnel pursuant to 5 ILCS 120/2(c)(1) and (2), to discuss acquisition of real estate pursuant to 5 ILCS 120/2(c)(5), to discuss pending, probable, or imminent litigation pursuant to 5 ILCS 120/2(c)(11), and/or to discuss minutes of closed meetings pursuant to 5 ILCS 120/2(c)(21) (Roll Call).**

**RECOMMENDED MOTION: To come out of Executive Session (Roll Call).**

XV. Adjournment

(Concurrence of a Majority of those Commissioners Present, provided there is a quorum—minimum 4)

**MINUTES OF A SPECIAL COMMITTEE OF THE WHOLE  
MEETING OF THE DuPAGE WATER COMMISSION  
HELD ON THURSDAY, FEBRUARY 17, 2022  
600 E. BUTTERFIELD ROAD  
ELMHURST, ILLINOIS**

The meeting was called to order by Chairman Zay at 6:01 P.M.

Commissioners in attendance in person: J. Broda, J. Fennell, J. Healy, D. Novotny, J. Pruyt, K. Rush, F. Saverino and J. Zay

Commissioner(s) in attendance via Microsoft Teams: D. Bouckaert

Commissioner(s) in attendance via Teleconference: R. Gans

Commissioners Absent: P. Gustin, D. Russo, and P. Sues

Also in attendance in person: Treasurer W. Fates, T. McGhee, C. Johnson, C. Peterson, A. Stark, D. Cuvalo, D. Mundall, P. Luetkehans of Leutkehans, Brady, Garner and Armstrong, LLC., and D. Kohn, Deputy Commissioner, Regional Partnerships, Department of Water Management, with the City of Chicago

**TENTATIVE DRAFT BUDGET FOR FISCAL YEAR 2022-2023**

Interim Manager of Water Operations McGhee began by thanking Financial Administrator Peterson, along with other Staff members for their hard work in completing the Budget in such a short time. Interim Manager of Water Operations McGhee noted that Financial Administrator Peterson would be presenting the Investment & Reserve Activity followed by his PowerPoint presentation on the Tentative Draft Budget for Fiscal Year 2022-2023. Items highlighted included water rates from the City of Chicago, proposed water rates for the Commission's customers, the new tentative budget and the five-year capital improvement plan which reflects significant changes to expense classifications.

Financial Administrator Peterson presented the Investment & Reserve Activity. As of December 31, 2021 the Commission has \$178.4M of investments, managed by Professional Financial Management (PFM). The Commission's investments are in line with the investment policy which allows for the diversified portfolio. The current approximate market yield is 0.94%. Reserves are fully funded to stay in compliance with the Commission's Reserve Policy.

With regards to the new reserve requirements, Financial Administrator Peterson noted that the Operating Reserve requirement will slightly increase, and the Capital Reserve is expected to decrease. Long Term Capital Reserve will require the normal \$2.1M added each year to meet its requirement. The current total reserve policy requirement for FY2022-2023 will be \$156M. The Commission currently has \$41.3M in the Operations & Maintenance Accounts and \$13.9M in the General Fund.

Interim Manager of Water Operations McGhee then began his draft Budget presentation starting with the City of Chicago's expected water rate adjustment for 2022. Interim Manager of Water Operations McGhee noted that a water rate increase is anticipated from Chicago based on the increase in the Consumer Price Index from December 2020 to December 2021. Based upon the increase in the Index, the Commission anticipates a

## Minutes of the 2/17/2022 Special Committee of the Whole Meeting

5% (\$0.21 per 1,000 gallon) water rate increase in June from Chicago, which would then be passed along to the Commission's customers. The Tentative draft Budget for FY2022-2023 reflects the Commission's water rate increase, which is set to begin on May 1, 2022 at \$5.18 per thousand gallons.

Interim Manager of Water Operations McGhee briefly reviewed the total revenues and total expenditures noting that revenues reflected that water sales make up 97.2% and 2.8% make up other income. Total expenditures reflected direct water distribution cost make up 85.6%, depreciation is 7.6%, personnel services is 4.4%, professional services is 1.1%, insurance is 0.6% and administrative costs is 0.7%.

Total revenues will increase approximately 4.2% due to the City of Chicago water rate increase being passed on to the Commission's customers. Total expenditures will increase by approximately 5.96% due to the various reclassification of expenses, reflected in the Five-Year Capital Improvement Plan.

Interim Manager of Water Operations McGhee recommended moving forward with modest water rate increases on an annual basis to avoid multiple years of double-digit rate increases in order to catch up.

### **2022-2027 FIVE-YEAR CAPITAL IMPROVEMENT PLAN**

Interim Manager of Water Operations McGhee began by pointing out many of the capital projects previously listed were not capital based and have been reclassified as Operational & Maintenance, such as repairs and studies. After various changes the five-year capital improvement plan total cost is budgeted at \$63.1M, with an average of \$12.8M per year.

The following projects were highlighted:

- Replacement of the SCADA system (\$2.0M)
- Building Automation System (\$1.0M)
- Administration Building/Pump Station Building Rehab (\$1.0M)
- DPPS Generator Building Facility Improvements (\$4.8M)
- Replacement of Chillers (\$250,000)
- Condition Assessment (\$500,000)
- ROV and Large Valve Repair and Upgrades (\$500,000)
- Cathodic Protection Construction (\$1.75M)
- Metering Stations – Lombard Connection Point (\$1.0M)

Interim Manager of Water Operations McGhee updated that the Village of Romeoville has chosen the City of Joliet as their water supplier and that the towns of Oswego, Yorkville and Montgomery are moving forward with next steps in becoming a customer of the Commission.

Interim Manager of Water Operations McGhee concluded his report with the following:

- The Commission is a self-sustaining water utility, operating almost entirely on our water sales revenues only.
- The Commission continues to be completely debt free.

## Minutes of the 2/17/2022 Special Committee of the Whole Meeting

- The Commission continues to evaluate the condition of all its assets while developing realist strategies for replacement or additions.
- The Commission will continue to manage their reserves and cash & equivalents while using Best Management Practices in setting water rate.
- The Commission will continue to work with prospective new customers, which will help increase our revenues and assist in keeping all customer rates lower.
- The Commission will continue to strive toward maintain its reputation as a best-in-class model government agency and water utility.

Interim Manager of Water Operations McGhee opened the floor to questions. Commissioner Saverino asked what the water rate increase would be and Interim Manager of Water Operations McGhee confirmed the water rate increase would be \$0.21 per 1,000 gallons. Discussion ensued regarding the possibility of a greater increase with Board Members requesting that a chart be prepared to reflect various increases over and above the City of Chicago proposed rate and any potential impacts, if any, to the Commission.

In an email prior to the meeting, Commissioner Rush raised the following questions regarding the proposed budget. With regards to the Commission's Fund Balance Policy, Commissioner Rush suggested a review of the current Policy and how it relates to the Capital needs going forward to make sure that the funds are being spent accordingly, ideally, a comprehensive package that would include Fund Balances as well as, Revenues and Expenses.

Interim Manager of Water Operations McGhee stated that the Commission's current Policy has not been reviewed since 2017 and does not include a rate factor. He then suggested that the Board evaluate the current Policy and consider tying in a rate component. Due to various Capital projects completion status, Chairman Zay suggested that the Finance Committee review the status of the current Capital projects and report back with suggestions.

Discussion ensued regarding water revenues, reserves, strategic planning and employee compensation, all of which will be reviewed with the incoming General Manager.

With no further discussion, Commissioner Healy moved to adjourn the meeting at 6:40 P.M. Seconded by Commissioner Fennell and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

**MINUTES OF A MEETING OF THE  
DuPAGE WATER COMMISSION  
HELD ON THURSDAY, FEBRUARY 17, 2022  
600 E. BUTTERFIELD ROAD  
ELMHURST, ILLINOIS**

The meeting was called to order by Chairman Zay at 6:42 P.M.

Commissioners in attendance: J. Broda, J. Fennell, J. Healy, D. Novotny, J. Pruyne, K. Rush, F. Saverino, and J. Zay

Commissioner(s) in attendance via Microsoft teams: D. Bouckaert

Commissioner(s) in attendance via Teleconference: R. Gans

Commissioners Absent: P. Gustin, D. Russo and P. Suess

Also in attendance: Treasurer W. Fates, T. McGhee, C. Johnson, C. Peterson, A. Stark, D. Cuvalo, D. Mundall, P. Luetkehans of Luetkehans, Brady, Garner & Armstrong LLC., D. Kohn, Deputy Commissioner, regional Partnerships, Department of Water Management, with the City of Chicago

**PLAQUE PRESENTATION**

Carolyn Johnson – Executive Assistant/Clerk

Chairman Zay presented a plaque to Executive Assistant/Clerk Carolyn Johnson in celebration of her retirement and years of service to the Commission. Chairman Zay thanked Executive Assistant/Clerk Johnson for her years of dedication to the Commission and wished her a healthy and happy retirement. Executive Assistant/Clerk Johnson thanked Chairman Zay and the Commissioners for their support and leadership and for the many opportunities the Commission had given her and wished everyone continued success.

**OFFICER APPOINTMENT**

Clerk of the DuPage Water Commission

Commissioner Healy moved to confirm Chairman Zay's appointment of Danna Mundall to serve as the Clerk of the DuPage Water Commission commencing March 1, 2022, and serve until a successor is duly appointed and confirmed. Seconded by Commissioner Saverino and unanimously approved on a voice vote.

All voted aye. Motion carried.

**PUBLIC COMMENT**

None

### **APPROVAL OF MINUTES**

Commissioner Pruyn moved to approve the Minutes of the January 20, 2022 Special Meeting, the Minutes of the January 20, 2022 Regular Commission Meeting and the Minutes of the January 20, 2022 Executive Session Meeting of the DuPage Water Commission. Seconded by Commissioner Broda and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

### **TREASURER'S REPORT**

Treasurer Fates presented the January 2022 Treasurer's Report consisting of 13 pages with pages 1 and 2 containing a brief summary of the report.

Treasurer Fates pointed out the \$216.3 million of cash and investments on page 4, which reflected a decrease of about \$0.6 million from the previous month. Treasurer Fates also pointed out the schedule of investments on pages 5 through 11 totaling \$178.5 million and the market yield on the total portfolio showed 0.94% which is unchanged from the prior month. On page 12, the statement of cash flows showed an increase in cash and investments by about \$5.6 million and operating activities increased by approximately \$4.6 million. On page 13, the monthly cash/operating report showed that the Commission has met all recommended reserve balances.

Commissioner Healy moved to accept the January 2022 Treasurer's Report. Seconded by Commissioner Fennell and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

### **COMMITTEE REPORTS**

**Finance Committee – Meeting cancelled**

**Administration Committee – Meeting cancelled**

**Engineering & Construction Committee – Meeting cancelled**

After providing a brief summary, Commissioner Fennell moved to adopt item numbers 2 through 7 under the Engineering & Construction Report section of the Agenda in a single group pursuant to the Omnibus Vote Procedures. Seconded by Commissioner Saverino and unanimously approved by a Roll Call Vote.

Ayes: D. Bouckaert (via Microsoft Teams), J. Broda, J. Fennell, R. Gans (via Teleconference), J. Healy, D. Novotny, J. Pruyn, K. Rush, F. Saverino, and J. Zay

Minutes of the 2/17/2022 Commission Meeting

Nays: None

Absent: P. Gustin, D. Russo and P. Sues

Item 2: Resolution No. R-8-22: A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Contract QR-12/21 at the February 17, 2022 DuPage Water Commission Meeting. (John Neri Construction Co. Inc., at an estimated cost of \$110,000.00)

Item 3: Resolution No. R-9-22: A Resolution Approving and Ratifying Task Order No. 19 under a Master Contract with AECOM Technical Services, Inc., at the February 17, 2022 DuPage Water Commission Meeting. (Not to Exceed \$20,000)

Item 4: Resolution No. R-10-22: A Resolution Approving and Ratifying Task Order No. 4 under a Master Contract with DeLasCasas CP, LLC., at the February 17, 2022 DuPage Water Commission Meeting. (Not to Exceed \$13,000)

Item 5: Resolution No. R-11-22: A Resolution Approving Work Authorization Order 8 under Quick Response Contract QR- 12/21 at the February 17, 2022 DuPage Water Commission Meeting (Rossi Contractors, Inc., at an Estimated Cost of \$15,000)

Item 6: Resolution No. R-12-22: A Resolution Approving and Ratifying certain Work Authorization Orders under Quick Response Electrical Contact QRE-9/20 at the February 17, 2022 DuPage Water Commission Meeting (McWilliams Electric Co. Inc., at an Estimated Cost \$2,697.65)

Item 7: Resolution No. R-13-22: A Resolution Approving a First Amendment to Task Order No. 2 under a Master Contract with DeLasCasas CP, LLC., at the February 17, 2022 DuPage Water Commission Meeting. (at a cost of \$30,550)

**ACCOUNTS PAYABLE**

Commissioner Healy moved to approve the Accounts Payable in the amount of \$8,842,553.65 subject to submission of all contractually required documentation, for invoices that have been received and to approve the Accounts Payable in the amount of \$1,109,625.00 subject to submission of all contractually required documentation, for invoices that have not yet been received but have been estimated. Seconded by Commissioner Broda and unanimously approved by a Roll Call Vote.

Ayes: D. Bouckaert (via Microsoft Teams), J. Broda, J. Fennell, R. Gans (via Teleconference), J. Healy, D. Novotny, J. Prunyn, K. Rush, F. Saverino, and J. Zay

Nays: None

Absent: P. Gustin, D. Russo and P. Sues

**CHAIRMAN'S REPORT**

Chairman Zay reminded the Board Members to complete their annual ethics training and forward their certificate to staff. Commissioner Pruyn requested the ethics email be resent.

Regarding the FY2022-2023 Tentative Draft Budget, Chairman Zay asked the Board Members to forward any questions to Interim Manager of Water Operations McGhee so staff can prepare a question/answer sheet.

Next, Chairman Zay informed Board members that the Village of Romeoville had selected the City of Joliet as their water supplier. Chairman Zay went on to inform the Board that Commission's consultant John J. Millner notified him that Kane County has shown a possible interest in joining the Commission and that a preliminary meeting had been scheduled for the following week with updates being provided at the next meeting.

Interim Manager of Water Operations McGhee gave a brief update on the status of the Village of Oak Brook regarding their interest in selling part of their water system (5 zones outside the corporate limits) to a private company called Aqua Illinois. Interim Manager of Water Operations McGhee stated that agreements have been prepared with all parties ready to move forward with the Oak Brook wheeling agreement.

Interim Manager of Water Operations McGhee noted that things are progressing well with the Villages of Montgomery and Oswego, and the City of Yorkville and that a meeting had been scheduled for the following week. Updates will be provided at the next meeting. Chairman Zay added that Legislation to add a seventh district are being sponsored by various representatives and looks to be favorable. Next steps would be contract negotiations.

**OMNIBUS VOTE REQUIRING MAJORITY VOTE**

None

**OMNIBUS VOTE REQUIRING SUPER-MAJORITY OR SPECIAL MAJORITY VOTE**

None

**OLD BUSINESS**

None

**NEW BUSINESS**

None

**EXECUTIVE SESSION**

None

**GENERAL MANAGER APPOINTMENT**

Commissioner Fennell moved to Adopt Resolution No. R-15-22: A Resolution Approving an Employment Agreement with Paul D. May. Seconded by Commissioner Broda and unanimously approved by a Roll Call Vote.

Ayes: D. Bouckaert (via Microsoft Teams), J. Broda, J. Fennell, R. Gans (via Teleconference), J. Healy, D. Novotny, J. Pruyne, K. Rush, F. Saverino, and J. Zay

Nays: None

Absent: P. Gustin, D. Russo and P. Sues

Chairman Zay congratulated Mr. May (attending via Microsoft Teams) on his appointment and welcomed him as the new General Manager. Mr. May thanked Chairman Zay and the Commissioners for the opportunity stating that he was excited to get started.

**SEPARATION AND CONSULTING AGREEMENT**

Commissioner Healy moved to Adopt Resolution No. R-16-22: A Resolution Approving a Separation Agreement and Consulting Agreement with John Spatz. Seconded by Commissioner Saverino unanimously approved by a Roll Call Vote.

Ayes: D. Bouckaert (via Microsoft Teams), J. Broda, J. Fennell, R. Gans (via Teleconference), J. Healy, D. Novotny, J. Pruyne, K. Rush, F. Saverino, and J. Zay

Nays: None

Absent: P. Gustin, D. Russo and P. Sues

Before the meeting adjourned, Commissioner Saverino referred to the recent fire in the Village of Bartlett that burned for five days and asked who would be responsible for the cost of more than ten million gallons of water supplied to extinguish the fire. Chairman Zay replied that the company responsible for the fire would be responsible for the cost.

With no further discussion, Commissioner Broda moved to adjourn the meeting at 7:08 P.M. Seconded by Commissioner Healy and unanimously approved by a Voice Vote.

All voted aye. Motion carried.

## DUPAGE WATER COMMISSION INTEROFFICE MEMORANDUM

**TO:** Chairman and Commissioners  
**FROM:** Bill Fates, Treasurer  
**DATE:** March 8, 2022  
**SUBJECT:** TREASURER'S REPORT – February 28, 2022

I am pleased to report that I have reviewed and approved all journal entries and bank reconciliations for the month of February. I have also reviewed the monthly financial statements and budget status reports and found them to be in order.

### **Summary of Cash & Investments (Page 4)**

1. Cash and investments totaled \$216.6 million on February 28<sup>th</sup>, an increase of \$0.2 million compared to the previous month.
2. The balance in the BMO Harris checking account was \$37.8 million on February 28<sup>th</sup>, relatively unchanged compared to the \$37.8 million reported last month.
3. The BMO Harris money market accounts had \$2.7 million at month-end, relatively unchanged from the prior month.
4. During the month of February, the IIIT money market accounts increased by \$1.3 million from the prior month.
5. In February, our holdings of U.S. Treasury Investments increased by \$0.2 million and asset backed/collateralized mortgage obligations increased by \$0.6 million. In addition, municipal bonds and commercial paper decreased by \$0.5 million and \$1.0 million, respectively, during the month.
6. The current holdings of cash and investments are in compliance with the approved investment policy.
7. For the ten months ended February 28, 2022, the Commission's cash and investments increased a total of \$5.8 million.
  - The Operating & Maintenance Account increased by \$4.0 million for an ending balance of \$40.6 million.
  - The General Account increased by approximately \$7,200 for an ending balance of \$13.9 million.
  - The Sales Tax Account remained unchanged at \$291.
  - The Operating Reserve Account increased by approximately \$912,000 for a balance of \$73.2 million.

- The Capital Reserve Fund increased by about approximately \$528,000 for a balance of \$66.5 million.
- The Long-Term Capital Reserve Account increased by approximately \$293,000 for a balance of \$22.4 million.

The following table presents a summary of the changes in cash position by account.

**Cash and Investments by Account**

Account	Balance 4/30/2021	Balance 02/28/2022	Increase (Decrease)
Operations & Maintenance	\$36,535,808	\$40,567,087	\$4,031,279
General Account	13,879,929	13,887,113	7,184
Sales Tax	291	291	0
Operating Reserve	72,317,590	73,229,361	911,771
Capital Reserve	65,928,010	66,456,108	528,098
Long-Term Cap. Reserve	22,118,719	22,411,601	292,882
<b>Total Cash &amp; Investments</b>	<b>\$210,780,347</b>	<b>\$216,551,561</b>	<b>\$5,771,214</b>

**Schedule of Investments (Pages 5-11)**

1. The average yield to maturity on the Commission's investments was 0.95%, up slightly from the prior month average yield to maturity of 0.94%.
2. The portfolio ended the month of February 2022 with \$2.2 million of unrealized losses, compared to \$2.3 million in unrealized gains at April 30, 2021.
3. The amortized cost of our investments was \$178.7 million at February 28<sup>th</sup>.

**Statement of Cash Flows (Page 12)**

1. The statement of cash flows shows a breakdown of the \$5.8 million increase in cash and investments for the fiscal year.
2. Operating activities increased cash by approximately \$4.5 million as of the end of February 2022.
3. The decrease in Loans Receivable, primarily related to Bartlett activity, increased cash by approximately \$411,000.
4. Capital Assets purchased were \$1.0 million.
5. Cash flow from investment activity generated approximately \$1.9 million of income.

**Reserve Analysis (Page 13)**

4. The reserve analysis report shows the Commission has met all recommended reserve balances on February 28<sup>th</sup>.
5. The Operating and Maintenance Account was \$40.6 million which is a balance currently sufficient to cover an estimated 106 days of normal operation and maintenance costs.
6. The Operating Reserve account was \$73.2 million which is approximately 190 days, this amount meets the minimum balance per the reserve policy.

Respectfully submitted,



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Bill Fates, CPA /  
Treasurer

DU PAGE WATER COMMISSION  
 TREASURER'S REPORT  
 SUMMARY OF CASH AND INVESTMENTS  
 February 28, 2022

FUNDS CONSIST OF:	February 28, 2022	January 31, 2022	INCR. - (DECR.)
PETTY CASH	1,300.00	1,300.00	0.00
CASH AT HARRIS BANK	37,860,063.22	37,843,343.26	16,719.96
<b>TOTAL CASH</b>	<b>37,861,363.22</b>	<b>37,844,643.26</b>	<b>16,719.96</b>
IIIT MONEY MARKET FUNDS	10,541,755.58	9,256,353.65	1,285,401.93
BMO HARRIS MONEY MARKET FUNDS	2,705,723.99	2,705,350.43	373.56
U. S. TREASURY INVESTMENTS	81,671,260.58	81,436,923.54	234,337.04
U. S. AGENCY INVESTMENTS	42,792,436.36	43,240,956.53	(448,520.17)
MUNICIPAL BONDS	12,807,775.31	13,302,612.91	(494,837.60)
COMMERCIAL PAPER	3,993,452.78	4,992,389.16	(998,936.38)
ASSET BACKED SEC/COLLATERALIZED MORTGAGE OBLIG CERTIFICATES OF DEPOSIT	24,177,793.30 0.00	23,561,145.16 0.00	616,648.14 0.00
<b>TOTAL INVESTMENTS</b>	<b>178,690,197.90</b>	<b>178,495,731.38</b>	<b>194,466.52</b>
<b>TOTAL CASH AND INVESTMENTS</b>	<b>216,551,561.12</b>	<b>216,340,374.64</b>	<b>211,186.48</b>
	February 28, 2022	January 31, 2022	% CHANGE
IIIT MONEY MARKET FUNDS	6.0%	5.2%	13.9%
BMO HARRIS MONEY MARKET FUNDS	1.5%	1.5%	0.0%
U. S. TREASURY INVESTMENTS	45.7%	45.6%	0.3%
U. S. AGENCY INVESTMENTS	23.9%	24.2%	-1.0%
MUNICIPAL BONDS	7.2%	7.5%	-3.7%
COMMERCIAL PAPER	2.2%	2.8%	-20.0%
ASSET BACKED SEC/COLLATERALIZED MORTGAGE OBLIG CERTIFICATES OF DEPOSIT	13.5% 0.0%	13.2% 0.0%	2.6% N/A
<b>TOTAL INVESTMENTS</b>	<b>100.0%</b>	<b>100.0%</b>	<b>0.1%</b>

Note 1 - Investments are carried at amortized cost.

DU PAGE WATER COMMISSION  
INVESTMENTS  
(Unaudited)  
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FUND SOURCE	COUPON RATE	PURCHASE DATE	MATURITY DATE		YIELD TO MATURITY (COST)	PAR VALUE	PURCHASE PRICE	AMORTIZED DISCOUNT (PREMIUM)	AMORTIZED COST	ACCRUED INTEREST 02/28/22
<b>Water Fund Oper. &amp; Maint. Acct. (01-121103)</b>										
BMO Harris - Money Market	0.180%	02/28/22	03/01/22	1	0.180%	\$ 2,705,723.99	\$ 2,705,723.99	0.00	\$ 2,705,723.99	-
<b>Water Fund General Account (01-121700)</b>										
IIIT - Money Market	0.031%	02/28/22	03/01/22	1	0.031%	8,896,799.18	8,896,799.18	0.00	8,896,799.18	-
US Treasury Notes	0.000%	01/19/22	11/03/22	248	0.460%	1,000,000.00	996,352.71	508.33	996,861.04	-
Metlife Short Term CP	0.000%	11/10/21	04/04/22	35	0.130%	1,000,000.00	999,483.61	393.61	999,877.22	-
Credit Suisse NY CP	0.000%	11/10/21	08/05/22	158	0.290%	1,000,000.00	997,857.22	878.06	998,735.28	-
MUFG Bank LTD/NY CP	0.000%	11/10/21	08/05/22	158	0.270%	1,000,000.00	998,005.00	817.50	998,822.50	-
Collat Comm Paper CP	0.000%	01/19/22	10/11/22	225	0.640%	1,000,000.00	995,288.89	728.89	996,017.78	-
Weighted Avg Maturity				1	0.148%	\$ 13,896,799.18	\$ 13,883,786.61	3,326.39	\$ 13,887,113.00	\$ -
<b>Sales Tax Funds (01-123000)</b>										
IIIT - Money Market	0.031%	02/28/22	03/01/22	1	0.031%	291.15	291.15	0.00	291.15	-
Weighted Avg Maturity				1	0.031%	\$ 291.15	\$ 291.15	0.00	\$ 291.15	\$ -
<b>Water Fund Operating Reserve (01-121800)</b>										
IIIT - Money Market	0.031%	02/28/22	03/01/22	1	0.031%	1,016,133.42	1,016,133.42	0.00	1,016,133.42	-
US Treasury Notes	1.750%	09/03/19	01/31/23	337	1.370%	1,025,000.00	1,037,852.54	(9,381.11)	1,028,471.43	1,436.98
US Treasury Notes	0.125%	03/12/21	02/28/23	365	0.150%	1,000,000.00	999,531.25	230.11	999,761.36	3.40
US Treasury Notes	0.125%	09/29/21	10/15/23	594	0.300%	1,500,000.00	1,494,609.38	1,099.83	1,495,709.21	705.70
US Treasury Notes	2.625%	11/02/21	12/31/23	671	0.530%	750,000.00	783,662.11	(5,040.77)	778,621.34	3,263.12
US Treasury Notes	2.250%	01/29/19	12/31/23	671	2.560%	1,270,000.00	1,251,991.80	11,286.48	1,263,278.28	4,736.19
US Treasury Notes	0.125%	02/18/21	02/15/24	717	0.210%	750,000.00	748,095.70	654.55	748,750.25	36.26
US Treasury Notes	2.375%	03/01/19	02/29/24	731	2.560%	550,000.00	545,208.98	2,871.46	548,080.44	35.50
US Treasury Notes	2.125%	04/01/19	03/31/24	762	2.300%	1,050,000.00	1,041,140.63	5,163.11	1,046,303.74	9,317.31
US Treasury Notes	2.000%	05/28/19	04/30/24	792	2.100%	1,420,000.00	1,413,121.88	3,853.89	1,416,975.77	9,492.82
US Treasury Notes	1.500%	05/06/21	11/30/24	1,006	0.450%	1,000,000.00	1,036,992.19	(8,394.38)	1,028,597.81	3,750.00
US Treasury Notes	1.750%	01/02/20	12/31/24	1,037	1.650%	500,000.00	502,363.28	(1,018.77)	501,344.51	1,450.28
US Treasury Notes	1.375%	02/03/20	01/31/25	1,068	1.370%	1,000,000.00	1,000,078.13	(32.38)	1,000,045.75	1,101.52
US Treasury Notes	2.000%	05/06/21	02/15/25	1,083	0.490%	1,000,000.00	1,056,406.25	(12,084.13)	1,044,322.12	773.48
US Treasury Notes	1.125%	03/02/20	02/28/25	1,096	0.830%	1,000,000.00	1,014,335.94	(5,720.21)	1,008,615.73	30.57
US Treasury Notes	0.250%	06/29/21	09/30/25	1,310	0.760%	1,000,000.00	978,867.19	3,320.29	982,187.48	1,043.96
US Treasury Notes	0.250%	11/03/20	10/31/25	1,341	0.390%	500,000.00	496,523.44	919.70	497,443.14	417.82
US Treasury Notes	0.375%	12/08/20	11/30/25	1,371	0.380%	925,000.00	924,819.34	44.37	924,863.71	867.19
US Treasury Notes	0.375%	01/05/21	12/31/25	1,402	0.370%	1,500,000.00	1,500,410.16	(94.25)	1,500,315.91	932.32
US Treasury Notes	0.375%	03/01/21	01/31/26	1,433	0.690%	1,000,000.00	984,765.63	3,080.82	987,846.45	300.41
US Treasury Notes	1.625%	03/01/21	02/15/26	1,448	0.690%	1,000,000.00	1,045,585.94	(9,142.37)	1,036,443.57	628.45
US Treasury Notes	0.500%	09/03/21	02/28/26	1,461	0.720%	1,000,000.00	990,507.81	1,010.80	991,518.61	13.59
US Treasury Notes	0.750%	06/02/21	03/31/26	1,492	0.760%	750,000.00	749,707.03	44.92	749,751.95	2,348.90
US Treasury Notes	0.750%	06/02/21	04/30/26	1,522	0.770%	750,000.00	749,121.09	132.50	749,253.59	1,880.18
US Treasury Notes	1.625%	11/05/21	05/15/26	1,537	1.050%	680,000.00	697,265.63	(1,212.36)	696,053.27	3,235.64
US Treasury Notes	0.750%	08/02/21	05/31/26	1,553	0.630%	500,000.00	502,753.91	(326.84)	502,427.07	937.50
US Treasury Notes	0.875%	10/26/21	06/30/26	1,583	1.150%	1,000,000.00	987,304.69	929.65	988,234.34	1,450.28
US Treasury Notes	0.625%	11/02/21	07/31/26	1,614	1.120%	750,000.00	732,744.14	1,176.31	733,920.45	375.52
US Treasury Notes	0.750%	01/05/22	08/31/26	1,645	1.350%	750,000.00	729,902.34	650.60	730,552.94	15.29
US Treasury Notes	0.875%	12/02/21	09/30/26	1,675	1.210%	1,000,000.00	984,414.06	753.16	985,167.22	3,653.85
US Treasury Notes	1.250%	02/14/22	11/30/26	1,736	1.920%	1,500,000.00	1,453,886.72	395.26	1,454,281.98	4,687.50
US Treasury Notes	1.250%	02/14/22	12/03/26	1,739	1.930%	1,500,000.00	1,453,007.81	395.78	1,453,403.59	3,107.73

DU PAGE WATER COMMISSION  
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FUND SOURCE	COUPON RATE	PURCHASE DATE	MATURITY DATE	YIELD TO MATURITY (COST)	PAR VALUE	PURCHASE PRICE	AMORTIZED DISCOUNT (PREMIUM)	AMORTIZED COST	ACCRUED INTEREST 02/28/22
Water Fund Operating Reserve (01-121800) Continued...									
Intl Bank of Recon & Dev	0.125%	04/13/21	04/20/23	416 0.230%	510,000.00	508,944.30	455.54	509,399.84	233.84
Asian Development Bank Corp Notes	0.375%	06/02/21	06/11/24	834 0.400%	1,405,000.00	1,404,157.00	203.46	1,404,360.46	1,170.83
Inter-American Devel Bk Notes	0.500%	09/23/21	09/23/24	938 0.520%	710,000.00	709,474.60	76.22	709,550.82	1,558.06
NY ST Urban Dev Corp Bonds	0.622%	07/17/20	03/15/23	380 0.620%	220,000.00	220,000.00	0.00	220,000.00	630.98
Avondale School Dist, MI Txbi GO Bonds	1.650%	02/04/20	05/01/23	427 1.650%	350,000.00	350,000.00	0.00	350,000.00	1,925.00
Univ of CO Txbi Rev Bonds	2.569%	10/22/19	06/01/23	458 1.950%	280,000.00	286,036.80	(3,940.43)	282,096.37	1,798.30
Port Auth of NY/NJ Txbi Rev Bonds	1.086%	07/02/20	07/01/23	488 1.090%	205,000.00	205,000.00	0.00	205,000.00	371.05
Long Beach CCD, CA Txbi GO Bonds	1.743%	10/09/19	08/01/23	519 1.740%	280,000.00	280,000.00	0.00	280,000.00	406.70
Tamalpais UHSD, CA Txbi GO Bonds	1.971%	09/20/19	08/01/23	519 1.970%	295,000.00	295,000.00	0.00	295,000.00	484.54
NYC, NY Txbi GO Bonds	2.080%	09/25/19	08/01/23	519 1.940%	685,000.00	688,548.30	(2,239.17)	686,309.13	1,187.33
OR ST Dept of Trans Txbi Rev Bonds	1.946%	11/07/19	11/15/23	625 1.950%	300,000.00	300,000.00	0.00	300,000.00	1,718.97
Houston, TX Txbi GO Bonds	1.950%	08/23/19	03/01/24	732 1.950%	765,000.00	765,000.00	0.00	765,000.00	7,458.75
New York St Urban Dev Corp SAL Bonds	2.020%	10/24/19	03/15/24	746 2.020%	680,000.00	680,000.00	0.00	680,000.00	6,333.82
TX ST Trans Comm Txbi GO Bonds	4.000%	12/11/19	04/01/24	763 1.990%	410,000.00	443,812.70	(17,432.99)	426,379.71	6,833.33
WI St Txbi GO Bonds	1.775%	02/11/20	05/01/24	793 1.780%	200,000.00	200,000.00	0.00	200,000.00	1,183.33
WI St Txbi GO Bonds	1.857%	10/02/19	05/01/24	793 1.860%	275,000.00	275,000.00	0.00	275,000.00	1,702.25
Connecticut St A Txbi Municipal Bonds	1.998%	06/11/20	07/01/24	854 2.000%	120,000.00	120,000.00	0.00	120,000.00	399.60
NYC, NY Txbi GO Bonds	1.790%	10/04/19	10/01/24	946 1.790%	675,000.00	675,000.00	0.00	675,000.00	5,034.38
NY ST Urban Dev Corp Bonds	1.115%	06/18/20	03/15/25	1,111 1.120%	395,000.00	395,000.00	0.00	395,000.00	2,030.85
FL ST Board of Admin Txbi Rev	1.258%	09/16/20	07/01/25	1,219 1.110%	100,000.00	100,707.00	(214.65)	100,492.35	209.67
FL ST Board of Admin Txbi Rev	1.258%	09/16/20	07/01/25	1,219 1.260%	410,000.00	410,000.00	0.00	410,000.00	859.63
Los Angeles CCD, CA Txbi GO Bonds	0.773%	11/10/20	08/01/25	1,250 0.770%	275,000.00	275,000.00	0.00	275,000.00	177.15
MN St Txbi GO Bonds	0.630%	08/25/20	08/01/25	1,250 0.630%	740,000.00	740,000.00	0.00	740,000.00	388.50
FN AL2092	3.000%	03/06/18	07/25/27	1,973 2.980%	172,611.50	172,827.26	(91.96)	172,735.30	431.53
FN AP4718	2.500%	07/20/18	08/25/27	2,004 2.750%	135,209.01	132,525.93	1,071.11	133,597.04	281.69
Fannie Mae Pool	3.500%	04/05/18	02/01/28	2,164 3.230%	242,765.97	248,304.08	(2,200.43)	246,103.65	708.07
Fannie Mae Pool	3.500%	04/05/18	03/01/28	2,193 3.230%	44,863.59	45,887.03	(403.38)	45,483.65	130.85
FR ZT1267	2.500%	08/21/19	05/25/28	2,278 2.320%	174,670.95	177,099.98	(704.83)	176,395.15	363.90
FN CA1940	4.000%	07/11/18	06/01/28	2,285 3.640%	191,888.96	197,585.66	(2,094.47)	195,491.19	639.63
FNMA Pool #AU1266	3.000%	10/31/17	07/25/28	2,339 2.720%	212,499.58	217,911.70	(2,197.63)	215,714.07	531.25
FG J32374	2.500%	02/17/22	11/01/28	2,438 2.220%	352,342.67	358,508.66	(30.21)	358,478.45	734.05
Fannie Mae Pool	4.000%	03/18/19	03/25/29	2,582 3.630%	85,939.49	88,584.81	(785.01)	87,799.80	286.46
FNMA Pool #AS4197	3.500%	07/16/15	01/01/30	2,864 3.000%	96,216.27	101,868.98	(2,589.35)	99,279.63	280.63
FHLMC Pool #U49048	3.000%	03/17/16	08/01/30	3,076 2.630%	172,364.28	179,932.16	(3,135.26)	176,796.90	430.91
FNMA Pool #AL7738	3.500%	02/17/16	11/01/30	3,168 2.960%	150,939.97	160,727.50	(4,016.33)	156,711.17	440.24
FR ZS7331	3.000%	02/13/20	12/01/30	3,198 2.600%	311,381.85	323,155.99	(2,217.93)	320,938.06	778.45
FN FM1082	3.000%	08/19/19	09/25/31	3,496 2.720%	221,755.56	228,165.69	(1,346.51)	226,819.18	554.39
FG G16720	3.500%	01/25/19	11/15/31	3,547 3.340%	182,497.69	185,434.74	(710.46)	184,724.28	532.28
FG G16635	3.000%	04/18/19	02/15/32	3,639 2.930%	297,333.94	299,691.71	(526.92)	299,164.79	743.33
Fannie Mae Pool	3.500%	02/13/18	01/25/33	3,984 3.300%	186,782.33	191,101.65	(1,172.43)	189,929.22	544.78
Freddie Mac Pool	4.000%	06/07/18	02/15/33	4,005 3.730%	66,605.06	68,613.63	(509.47)	68,104.16	222.02
FN CA1455	4.000%	12/20/18	03/25/33	4,043 3.760%	221,937.08	227,710.90	(1,298.66)	226,412.24	739.79
FN BM5830	3.500%	06/05/19	04/25/34	4,439 3.180%	260,461.93	270,229.24	(1,784.92)	268,444.32	759.68
FN FM0047	3.000%	06/17/21	12/01/34	4,659 2.450%	268,252.75	285,228.11	(887.62)	284,340.49	670.63
FN FM2694	3.500%	06/05/19	04/25/34	4,439 2.570%	300,661.44	316,822.00	(2,091.92)	314,730.08	751.65
FR SB0364	3.500%	06/21/21	06/01/35	4,841 2.830%	266,476.46	287,128.40	(1,010.48)	286,117.92	777.22
FN FM3701	2.500%	07/27/20	07/01/35	4,871 2.040%	245,540.81	259,927.97	(1,531.11)	258,396.86	511.54
FN FM5714	4.000%	03/19/21	11/01/35	4,994 3.230%	219,483.15	239,099.45	(1,254.06)	237,845.39	731.61
FHR 5050 XL	1.000%	02/11/22	07/01/36	5,237 1.180%	365,545.00	356,863.30	29.74	356,893.04	304.62

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FUND SOURCE	COUPON RATE	PURCHASE DATE	MATURITY DATE	YIELD TO MATURITY (COST)	PAR VALUE	PURCHASE PRICE	AMORTIZED DISCOUNT (PREMIUM)	AMORTIZED COST	ACCRUED INTEREST 02/28/22
Water Fund Operating Reserve (01-121800) Continued...									
FHLMC Multifamily Structured Pool	2.396%	03/28/19	06/25/22	117 2.470%	375,103.31	376,041.07	(862.93)	375,178.14	848.98
FHLMC Multifamily Structured Pool	2.716%	04/02/19	06/25/22	117 2.630%	514,368.47	513,203.11	1,072.62	514,275.73	1,027.02
FHLMC Multifamily Structured Pool	2.355%	08/14/19	07/25/22	147 1.920%	443,061.59	448,461.40	(4,770.61)	443,690.79	869.51
FHLMC Multifamily Structured Pool	2.682%	06/13/19	10/25/22	239 2.210%	641,965.24	651,594.71	(7,913.64)	643,681.07	1,434.79
FHLMC Multifamily Structured Pool	2.510%	06/12/19	11/25/22	270 2.240%	650,000.00	655,687.50	(4,557.38)	651,130.12	1,359.58
FNA 201-M7	2.280%	09/04/19	12/25/22	300 1.860%	130,262.38	131,968.95	(1,308.52)	130,660.43	247.50
FNA 201-M7	2.280%	09/11/19	12/25/22	300 2.080%	241,060.28	242,562.31	(1,149.59)	241,412.72	458.01
FHLMC Multifamily Structured Pool	2.669%	06/13/18	02/25/23	362 2.790%	41,678.68	41,465.41	170.72	41,636.13	92.70
FHLMC Series K032 A1	3.016%	06/13/18	02/01/23	338 2.960%	44,687.40	44,793.88	(85.23)	44,708.65	112.31
FHMS KP05 A1	3.203%	12/07/18	07/01/23	488 3.200%	8,826.33	8,826.30	0.02	8,826.32	23.56
FHMS K724 A2	3.062%	02/02/21	11/01/23	611 0.580%	340,000.00	362,963.28	(8,983.64)	353,979.64	867.57
FHLMC Multifamily Structured Pool	2.951%	12/15/17	02/25/24	727 2.600%	161,882.75	165,114.75	(2,215.48)	162,899.27	398.10
Fannie Mae ACES	3.346%	12/13/19	03/25/24	756 2.140%	255,287.40	267,692.76	(6,497.66)	261,195.10	711.83
FHMS K731 A1	3.481%	04/06/18	04/01/24	763 3.110%	120,549.57	122,960.55	(1,568.24)	121,392.31	349.69
FHMS KJ27 A1	2.092%	11/20/19	07/25/24	878 2.090%	96,723.44	96,721.11	1.15	96,722.26	168.62
FHMS K732 A1	3.627%	06/20/18	09/25/24	940 3.270%	231,914.20	236,549.23	(2,755.96)	233,793.27	700.96
FHMS K043 A2	3.062%	03/19/20	12/25/24	1,031 1.950%	190,000.00	199,410.94	(3,880.91)	195,530.03	484.82
FHMS K047 A1	2.827%	06/18/19	12/25/24	1,031 2.490%	292,837.06	297,870.19	(2,488.74)	295,381.45	689.88
FHMS KJ28 A1	1.766%	02/19/20	02/01/25	1,069 1.770%	219,549.47	219,548.56	0.37	219,548.93	323.10
FHMS K736 A1	1.895%	09/04/19	06/01/25	1,189 0.570%	290,137.18	291,587.86	(623.71)	290,964.15	458.17
FHLMC Multifamily Structured Pool	3.139%	04/11/19	06/01/25	1,189 1.800%	583,374.69	595,041.59	(5,468.21)	589,573.38	1,526.01
FHMS KJ31 A1	0.569%	10/20/20	05/01/26	1,523 2.780%	185,309.43	185,305.72	0.90	185,306.62	87.87
FHMS K737 A1	2.116%	01/22/20	06/01/26	1,554 2.030%	482,452.41	484,861.79	(792.37)	484,069.42	850.72
FHR 4096 PA	1.375%	02/21/20	08/01/27	1,980 1.490%	326,906.63	324,250.51	718.61	324,969.12	374.58
FNR 2012-107 GA	1.500%	12/03/19	09/01/27	2,011 1.690%	164,499.60	162,224.87	656.82	162,881.69	205.62
FHS 287 150	1.500%	12/21/17	10/01/27	2,041 1.840%	177,935.59	172,597.51	2,283.47	174,880.98	222.42
FNR 2012-145 EA	1.250%	02/07/20	01/01/28	2,133 1.440%	174,491.64	172,017.40	642.62	172,660.02	181.76
FNR 2013-39 MP	1.750%	12/09/19	05/01/28	2,254 1.860%	361,255.22	358,207.12	806.06	359,013.18	526.83
FNR 2013-19 GE	2.500%	10/25/19	03/01/33	4,019 2.400%	183,965.37	185,977.48	(352.36)	185,625.12	383.26
Freddie Mac	3.000%	05/03/19	04/15/34	4,429 2.960%	358,309.76	360,073.31	(333.14)	359,740.17	895.77
FHR 3745 NP	4.000%	09/12/19	06/01/39	6,302 3.740%	54,328.90	56,270.73	(241.75)	56,028.98	181.10
FNR 2013-75 PC	2.500%	04/15/20	04/01/43	7,702 2.200%	232,359.20	244,921.13	(1,019.22)	243,901.91	484.08
FNR 2015-33 P	2.500%	02/14/20	06/01/45	8,494 2.400%	236,504.92	241,013.30	(361.33)	240,651.97	492.72
FNR 2016-19 AH	3.000%	07/08/20	04/25/46	8,822 2.580%	127,072.44	137,213.40	(643.46)	136,569.94	317.68
FHR 5000 LB	1.250%	08/07/20	07/25/46	8,913 1.160%	285,935.90	291,565.27	(337.02)	291,228.25	297.85
FNR 2016-79 HA	2.000%	06/05/20	11/25/46	9,036 1.830%	200,966.66	208,314.53	(479.44)	207,835.09	334.94
Freddie Mac Notes	0.375%	04/17/20	04/20/23	416 0.460%	1,395,000.00	1,391,512.50	2,165.75	1,393,678.25	1,903.59
Freddie Mac Notes	0.375%	05/05/20	05/05/23	431 0.390%	1,335,000.00	1,334,439.30	340.11	1,334,779.41	1,613.13
Fannie Mae Notes	0.250%	05/20/20	05/22/23	448 0.350%	1,420,000.00	1,415,725.80	2,529.39	1,418,255.19	976.25
Freddie Mac Notes	0.250%	06/24/20	06/26/23	483 0.350%	1,295,000.00	1,291,218.60	2,116.89	1,293,335.49	584.55
Fannie Mae Notes	0.250%	07/08/20	07/10/23	497 0.320%	1,395,000.00	1,392,000.75	1,640.69	1,393,641.44	494.06
Fannie Mae Notes	0.250%	10/02/20	12/01/23	641 0.280%	510,000.00	509,495.10	208.42	509,703.52	308.13
Freddie Mac Notes	2.500%	02/07/19	02/05/24	707 2.580%	930,000.00	926,540.40	2,119.79	928,660.19	1,679.17
FHLB Bonds	2.500%	02/14/19	02/13/24	715 2.580%	1,020,000.00	1,016,389.20	2,197.36	1,018,586.56	1,275.00
Federal Farm Credit Banks Notes	0.875%	04/03/20	04/08/24	770 0.880%	1,420,000.00	1,420,000.00	0.00	1,420,000.00	4,935.49
Fannie Mae Notes	1.625%	01/08/20	01/07/25	1,044 1.690%	1,210,000.00	1,206,140.10	1,652.73	1,207,792.83	2,949.38
Federal Home Loan Bank Notes	0.500%	04/15/20	04/14/25	1,141 0.600%	1,060,000.00	1,054,742.40	1,971.60	1,056,714.00	2,016.94
Fannie Mae Notes	0.625%	06/01/20	04/22/25	1,149 0.500%	500,000.00	502,950.00	(1,052.75)	501,897.25	1,119.79
Fannie Mae Notes	0.625%	04/22/20	04/22/25	1,149 0.670%	1,225,000.00	1,222,476.50	935.24	1,223,411.74	2,743.49
Fannie Mae Notes	0.500%	06/29/20	06/17/25	1,205 0.470%	1,000,000.00	1,001,280.00	(429.96)	1,000,850.04	1,027.78
Freddie Mac Notes	0.375%	07/21/20	07/21/25	1,239 0.480%	420,000.00	417,908.40	671.97	418,580.37	175.00
Federal Home Loan Bank Notes	0.375%	09/10/20	09/04/25	1,284 0.440%	150,000.00	149,550.00	132.60	149,682.60	276.56
Freddie Mac Notes	0.375%	09/23/20	09/23/25	1,303 0.440%	680,000.00	677,953.20	585.76	678,538.96	1,119.17
Weighted Avg Maturity			1,301	1.293%	\$ 73,058,723.82	\$ 73,335,929.42	(106,568.09)	\$ 73,229,361.33	\$ 164,194.71

DU PAGE WATER COMMISSION  
INVESTMENTS  
(Unaudited)  
February 28, 2022

FUND SOURCE	COUPON RATE	PURCHASE DATE	MATURITY DATE	YIELD TO MATURITY (COST)	PAR VALUE	PURCHASE PRICE	AMORTIZED DISCOUNT (PREMIUM)	AMORTIZED COST	ACCRUED INTEREST 02/28/22
Water Fund L-T Water Capital Reserve (01-121900)									
IIIT - Money Market (PFM Asset Management)	0.031%	02/28/22	03/01/22	1 0.031%	190,534.08	190,534.08	0.00	190,534.08	-
US Treasury Notes	0.125%	00/18/22	12/31/22	306 0.550%	370,000.00	368,525.78	178.44	368,704.22	76.66
US Treasury Notes	0.125%	06/14/21	05/31/23	457 0.160%	375,000.00	374,765.63	84.69	374,850.32	117.19
US Treasury Notes	0.125%	06/29/21	06/30/23	487 0.250%	500,000.00	498,750.00	417.81	499,167.81	103.59
US Treasury Notes	1.875%	04/26/21	08/31/23	549 0.430%	750,000.00	786,005.86	(9,075.13)	776,930.73	38.21
US Treasury Notes	2.125%	12/01/17	11/30/24	1,006 2.280%	475,000.00	470,416.99	2,778.18	473,195.17	2,523.44
US Treasury Notes	2.125%	07/01/19	02/15/25	1,083 1.820%	250,000.00	252,412.11	(1,142.08)	251,270.03	193.37
US Treasury Notes	2.125%	05/03/16	05/15/25	1,172 1.760%	150,000.00	154,558.59	(2,939.02)	151,619.57	933.36
US Treasury Notes	2.875%	07/02/18	05/31/25	1,188 2.830%	250,000.00	250,732.42	(387.97)	250,344.45	1,796.88
US Treasury Notes	0.250%	10/01/20	09/30/25	1,310 0.330%	340,000.00	338,578.91	397.87	338,976.78	354.95
US Treasury Notes	2.250%	07/06/16	11/15/25	1,356 1.320%	105,000.00	113,613.28	(5,197.71)	108,415.57	691.78
US Treasury Notes	2.250%	06/27/16	11/15/25	1,356 1.450%	115,000.00	123,036.52	(4,858.04)	118,178.48	757.67
US Treasury Notes	0.375%	04/26/21	01/31/26	1,433 0.790%	1,000,000.00	980,468.75	3,457.26	983,926.01	300.41
US Treasury Notes	1.625%	03/01/21	02/15/26	1,448 0.690%	500,000.00	522,792.97	(4,571.19)	518,221.78	314.23
US Treasury Notes	1.625%	06/04/18	05/15/26	1,537 2.930%	250,000.00	227,099.61	10,775.26	237,874.87	1,189.57
US Treasury Notes	1.625%	09/10/18	05/15/26	1,537 2.900%	275,000.00	250,980.47	10,857.20	261,837.67	1,308.53
US Treasury Notes	2.000%	12/04/18	11/15/26	1,721 2.920%	225,000.00	210,445.31	5,925.23	216,370.54	1,317.68
US Treasury Notes	0.500%	06/29/20	06/30/27	1,948 0.490%	500,000.00	500,195.31	(46.54)	500,148.77	414.36
US Treasury Notes	2.250%	06/04/18	08/15/27	1,994 2.950%	250,000.00	236,035.16	5,676.60	241,711.76	217.54
US Treasury Notes	2.250%	08/01/19	08/15/27	1,994 1.950%	250,000.00	255,566.41	(1,782.69)	253,783.72	217.54
US Treasury Notes	0.500%	09/02/20	08/31/27	2,010 0.450%	200,000.00	200,671.88	(143.17)	200,528.71	2.72
US Treasury Notes	2.250%	05/01/19	11/15/27	2,086 2.440%	250,000.00	246,328.13	1,217.29	247,545.42	1,647.10
US Treasury Notes	0.625%	12/11/20	11/30/27	2,101 0.620%	200,000.00	200,109.38	(19.02)	200,090.36	312.50
US Treasury Notes	0.625%	01/05/21	12/31/27	2,132 0.660%	200,000.00	199,476.56	85.84	199,562.40	207.18
US Treasury Notes	2.750%	01/30/19	02/15/28	2,178 2.710%	250,000.00	250,722.66	(246.21)	250,476.45	265.88
US Treasury Notes	2.875%	04/05/21	05/15/28	2,268 1.420%	385,000.00	422,717.97	(4,767.44)	417,950.53	3,241.13
US Treasury Notes	1.250%	06/04/21	05/31/28	2,284 1.230%	500,000.00	500,664.06	(69.53)	500,594.53	1,562.50
US Treasury Notes	1.000%	08/02/21	07/31/28	2,345 0.990%	400,000.00	400,203.13	(16.63)	400,186.50	320.44
US Treasury Notes	1.125%	09/02/21	08/31/28	2,376 1.070%	400,000.00	401,359.38	(95.27)	401,264.11	12.23
US Treasury Notes	3.125%	05/01/19	11/15/28	2,452 2.470%	150,000.00	158,320.31	(2,468.64)	155,851.67	1,372.58
US Treasury Notes	1.138%	01/05/22	12/31/28	2,498 1.580%	250,000.00	246,601.56	73.24	246,674.80	569.75
US Treasury Notes	2.625%	06/03/19	02/15/29	2,544 2.120%	100,000.00	104,406.25	(1,243.65)	103,162.60	101.52
US Treasury Notes	2.625%	04/01/19	02/15/29	2,544 2.490%	150,000.00	151,769.53	(521.63)	151,247.90	152.28
US Treasury Notes	1.750%	02/03/20	11/15/29	2,817 1.560%	250,000.00	254,355.47	(920.86)	253,434.61	1,281.08
US Treasury Notes	0.625%	06/29/20	05/15/30	2,998 0.650%	250,000.00	249,414.06	98.96	249,513.02	457.53
US Treasury Notes	0.625%	11/03/21	08/15/30	3,090 1.500%	250,000.00	232,148.44	651.48	232,799.92	60.43
US Treasury Notes	0.875%	12/11/20	11/15/30	3,182 0.880%	200,000.00	199,867.19	16.20	199,883.39	512.43
US Treasury Notes	1.125%	11/05/21	02/15/31	3,274 1.480%	175,000.00	169,572.27	185.78	169,758.05	76.14
US Treasury Notes	1.250%	11/03/21	08/15/31	3,455 1.540%	250,000.00	243,369.14	217.25	243,586.39	120.86
US Treasury Notes	1.375%	02/22/22	11/15/31	3,547 1.940%	450,000.00	427,517.58	44.29	427,561.87	1,811.81
Intl Bank of Recon & Dev	0.125%	04/13/21	04/20/23	416 0.230%	140,000.00	139,710.20	125.05	139,835.25	64.19
Asian Development Bank Corp Notes	0.375%	06/02/21	06/11/24	834 0.400%	425,000.00	424,745.00	61.54	424,806.54	354.17
Inter-American Devel Bk Corp Notes	0.875%	04/13/21	04/20/26	1,512 0.970%	200,000.00	199,084.00	158.02	199,242.02	636.81
NY ST Urban Dev Corp Bonds	0.622%	07/17/20	03/15/23	380 0.620%	60,000.00	60,000.00	0.00	60,000.00	172.09
Avondale School Dist, MI Txbi GO Bonds	1.650%	02/04/20	05/01/23	427 1.650%	100,000.00	100,000.00	0.00	100,000.00	550.00
Univ of CO Txbi Rev Bonds	2.569%	10/22/19	06/01/23	458 1.950%	75,000.00	76,617.00	(1,055.47)	75,561.53	481.69
Port Auth of NY/NJ Txbi Rev Bonds	1.086%	07/02/20	07/01/23	488 1.090%	55,000.00	55,000.00	0.00	55,000.00	99.55
Long Beach CCD, CA Txbi GO Bonds	1.743%	10/09/19	08/01/23	519 1.740%	70,000.00	70,000.00	0.00	70,000.00	101.68
Tamalpais UHSD, CA Txbi GO Bonds	1.971%	09/20/19	08/01/23	519 1.970%	75,000.00	75,000.00	0.00	75,000.00	123.19
NYC, NY Txbi GO Bonds	2.080%	09/25/19	08/01/23	519 1.940%	175,000.00	175,906.50	(572.05)	175,334.45	303.33
OR ST Dept of Trans Txbi Rev Bonds	1.946%	11/07/19	11/15/23	625 1.950%	75,000.00	75,000.00	0.00	75,000.00	429.74
Houston, TX Txbi GO Bonds	1.950%	08/23/19	03/01/24	732 1.950%	200,000.00	200,000.00	0.00	200,000.00	1,950.00
New York St Urban Dev Corp SAL Bonds	2.020%	10/24/19	03/15/24	746 2.020%	175,000.00	175,000.00	0.00	175,000.00	1,630.03
TX ST Trans Comm Txbi GO Bonds	4.000%	12/11/19	04/01/24	763 1.990%	105,000.00	113,659.35	(4,464.55)	109,194.80	1,750.00
WI St Txbi GO Bonds	1.775%	02/11/20	05/01/24	793 1.780%	50,000.00	50,000.00	0.00	50,000.00	295.83
WI St Txbi GO Bonds	1.857%	10/02/19	05/01/24	793 1.860%	75,000.00	75,000.00	0.00	75,000.00	464.25
Connecticut St A Txbi Municipal Bonds	1.998%	06/11/20	07/01/24	854 2.000%	30,000.00	30,000.00	0.00	30,000.00	99.90
Tamalpais UHSD, CA Txbi GO Bonds	2.021%	09/20/19	08/01/24	885 2.020%	60,000.00	60,000.00	0.00	60,000.00	101.05
NYC, NY Txbi GO Bonds	1.790%	10/04/19	10/01/24	946 1.790%	170,000.00	170,000.00	0.00	170,000.00	1,267.92
NY ST Urban Dev Corp Bonds	1.115%	06/18/20	03/15/25	1,111 1.120%	105,000.00	105,000.00	0.00	105,000.00	539.85
FL ST Board of Admin Txbi Rev	1.258%	09/16/20	07/01/25	1,219 1.260%	115,000.00	115,000.00	0.00	115,000.00	241.12
Los Angeles CCD, CA Txbi GO Bonds	0.773%	11/10/20	08/01/25	1,250 0.770%	75,000.00	75,000.00	0.00	75,000.00	48.31

DU PAGE WATER COMMISSION  
INVESTMENTS  
(Unaudited)  
February 28, 2022

FUND SOURCE	COUPON RATE	PURCHASE DATE	MATURITY DATE	YIELD TO MATURITY (COST)	PAR VALUE	PURCHASE PRICE	AMORTIZED DISCOUNT (PREMIUM)	AMORTIZED COST	ACCRUED INTEREST 02/28/22
Water Fund L-T Water Capital Reserve (01-121900) Continued...									
FR ZT1267	2.500%	08/21/19	05/25/28	2,278 2.320%	45,495.68	46,128.37	(183.59)	45,944.78	94.78
FNMA Pool #AU1266	3.000%	10/31/17	07/25/28	2,339 2.720%	49,038.36	50,287.31	(507.15)	49,780.16	122.60
FG J32374	2.500%	02/17/22	11/01/28	2,438 2.220%	108,035.38	109,926.00	(9.26)	109,916.74	225.07
Fannie Mae Pool	4.000%	03/18/19	03/25/29	2,582 3.630%	18,229.58	18,790.73	(166.52)	18,624.21	60.77
FNMA Pool #AS4197	3.500%	07/16/15	01/01/30	2,864 3.000%	23,771.10	25,167.68	(639.74)	24,527.94	69.33
FHLMC Pool #U49048	3.000%	03/17/16	08/01/30	3,076 2.630%	25,854.66	26,989.84	(470.29)	26,519.55	64.64
FNMA Pool #AL7738	3.500%	02/17/16	11/01/30	3,168 2.960%	24,912.46	26,527.88	(662.89)	25,864.99	72.66
FR ZS7331	3.000%	02/13/20	12/01/30	3,198 2.600%	79,501.77	82,507.92	(566.28)	81,941.64	198.75
FN FM1082	3.000%	08/19/19	09/25/31	3,496 2.720%	56,525.95	58,159.90	(343.23)	57,816.67	141.31
FG G16635	3.000%	04/18/19	02/15/32	3,639 2.930%	63,714.42	64,219.65	(112.91)	64,106.74	159.29
FN BM5462	3.000%	06/21/19	11/25/32	3,923 2.800%	84,157.83	86,064.51	(383.06)	85,681.45	210.39
Freddie Mac Pool	4.000%	06/07/18	02/15/33	4,005 3.730%	20,493.80	21,111.80	(156.75)	20,955.05	68.31
FN CA1455	4.000%	12/20/18	03/25/33	4,043 3.760%	49,744.49	51,038.61	(291.08)	50,747.53	165.81
FN BM5830	3.500%	06/05/19	04/25/34	4,439 3.180%	65,115.49	67,557.32	(446.23)	67,111.09	189.92
FN FM0047	3.000%	06/17/21	12/01/34	4,659 2.450%	82,118.19	87,314.74	(271.72)	87,043.02	205.30
FR SB0364	3.500%	06/21/21	06/01/35	4,841 2.830%	79,668.23	85,842.51	(302.10)	85,540.41	232.37
FN FM3701	2.500%	07/27/20	07/01/35	4,871 2.040%	66,646.81	70,551.92	(415.59)	70,136.33	138.85
FN FM5714	4.000%	03/19/21	11/01/35	4,994 3.230%	60,132.36	65,506.68	(343.58)	65,163.10	200.44
FHR 5050 XL	1.000%	02/11/22	07/01/36	5,237 1.180%	111,694.30	109,041.56	9.09	109,050.65	93.08
FN FM8086	3.500%	10/15/21	07/01/51	10,715 3.090%	187,537.32	202,335.18	(173.35)	202,161.83	546.98
FHLMC Multifamily Structured Pool	2.307%	09/04/19	08/25/22	178 1.780%	75,000.00	76,107.42	(947.12)	75,160.30	144.19
Fannie Mae ACES	2.280%	09/04/19	12/25/22	300 1.860%	31,442.66	31,854.59	(315.85)	31,538.74	59.74
Fannie Mae ACES	2.280%	09/04/19	12/25/22	300 1.860%	31,442.66	31,854.59	(315.85)	31,538.74	59.74
Fannie Mae ACES	2.280%	09/11/19	12/25/22	300 2.080%	58,393.51	58,757.35	(278.47)	58,478.88	110.95
FHMS KP05 A1	3.203%	12/07/18	07/01/23	488 3.200%	1,850.69	1,850.69	0.00	1,850.69	4.94
FHMS K724 A2	3.062%	02/02/21	11/01/23	611 0.580%	95,000.00	101,416.21	(2,510.13)	98,906.08	242.41
FHLMC Multifamily Structured Pool	2.951%	12/15/17	02/01/24	703 2.600%	49,810.09	50,804.55	(681.69)	50,122.86	122.49
Fannie Mae ACES	3.346%	12/13/19	03/01/24	732 2.140%	64,672.79	67,815.47	(1,646.07)	66,169.40	180.33
FHMS KJ27 A1	2.092%	11/20/19	07/01/24	854 2.090%	25,332.31	25,331.69	0.31	25,332.00	44.16
FHMS K732 A1	3.627%	06/20/18	09/01/24	916 3.270%	66,261.20	67,585.49	(787.42)	66,798.07	200.27
FHMS K043 A2	3.062%	03/19/20	12/01/24	1,007 1.950%	50,000.00	52,476.56	(1,021.29)	51,455.27	127.58
FHMS K047 A1	2.827%	06/18/19	12/01/24	1,007 2.490%	74,952.31	76,240.56	(637.00)	75,603.56	176.58
FHMS KJ28 A1	1.766%	02/19/20	02/01/25	1,069 1.770%	57,025.82	57,025.59	0.09	57,025.68	83.92
FHMS KJ32 A1	0.516%	11/18/20	06/01/25	1,189 0.520%	50,309.01	50,308.80	0.06	50,308.86	21.63
FHMS K736 A1	1.895%	09/04/19	06/01/25	1,189 1.820%	71,483.07	71,840.47	(153.66)	71,686.81	112.88
FHLMC Multifamily Structured Pool	3.139%	04/11/19	06/01/25	1,189 2.780%	126,820.60	129,356.87	(1,188.73)	128,168.14	331.74
FHMS KJ31 A1	0.569%	10/20/20	05/01/26	1,523 1.820%	50,869.26	50,868.21	0.25	50,868.46	24.12
FHMS K737 A1	2.116%	01/22/20	06/01/26	1,554 2.030%	120,613.12	121,215.46	(198.09)	121,017.37	212.68
FHR 4096 PA	1.375%	02/21/20	08/15/27	1,994 1.490%	84,777.33	84,088.51	186.36	84,274.87	97.14
FNR 2012-145 EA	1.250%	02/07/20	01/25/28	2,157 1.440%	45,010.20	44,371.98	165.76	44,537.74	46.89
FNR 2013-39 MP	1.750%	12/09/19	05/25/28	2,278 1.860%	92,265.58	91,487.09	205.87	91,692.96	134.55
Fannie Mae	2.500%	10/25/19	03/25/33	4,043 2.400%	46,870.17	47,382.79	(89.77)	47,293.02	97.65
Freddie Mac	3.000%	05/03/19	04/15/34	4,429 2.960%	66,149.49	66,475.07	(61.50)	66,413.57	165.37
FHR 3745 NP	4.000%	09/12/19	06/01/39	6,302 3.740%	11,952.36	12,379.57	(53.19)	12,326.38	39.84
FNR 2015-33 P	2.500%	02/14/20	06/25/45	8,518 2.400%	60,599.10	61,754.27	(92.58)	61,661.69	126.25
FNR 2016-79 HA	2.000%	06/05/20	11/25/46	9,036 1.830%	50,663.86	52,516.26	(120.87)	52,395.39	84.44

DU PAGE WATER COMMISSION  
INVESTMENTS  
(Unaudited)  
February 28, 2022

FUND SOURCE	COUPON RATE	PURCHASE DATE	MATURITY DATE	YIELD TO MATURITY (COST)	PAR VALUE	PURCHASE PRICE	AMORTIZED DISCOUNT (PREMIUM)	AMORTIZED COST	ACCRUED INTEREST 02/28/22
Water Fund L-T Water Capital Reserve (01-121900) Continued...									
Fannie Mae Notes	0.250%	06/01/20	05/22/23	448 0.310%	300,000.00	299,457.00	319.09	299,776.09	206.25
Fannie Mae Notes	0.250%	05/20/20	05/22/23	448 0.350%	365,000.00	363,901.35	650.16	364,551.51	250.94
Freddie Mac Notes	0.250%	06/24/20	06/26/23	483 0.350%	340,000.00	339,007.20	555.79	339,562.99	153.47
Fannie Mae Notes	0.250%	07/08/20	07/10/23	497 0.320%	390,000.00	389,161.50	458.69	389,620.19	138.13
Freddie Mac Notes	0.250%	12/02/20	12/04/23	644 0.280%	340,000.00	339,663.40	138.94	339,802.34	205.42
Fannie Mae Notes	2.500%	02/07/19	02/05/24	707 2.580%	195,000.00	194,274.60	444.47	194,719.07	352.08
FHLB Bonds	2.500%	02/14/19	02/13/24	715 2.580%	215,000.00	214,238.90	463.17	214,702.07	268.75
Federal Farm Credit Banks Notes	0.875%	04/03/20	04/08/24	770 0.880%	345,000.00	345,000.00	0.00	345,000.00	1,199.11
Federal Home Loan Bank Notes	0.500%	04/15/20	04/14/25	1,141 0.600%	260,000.00	258,710.40	483.60	259,194.00	494.72
Fannie Mae Notes	0.625%	04/22/20	04/22/25	1,149 0.670%	320,000.00	319,340.80	244.31	319,585.11	716.67
Fannie Mae Notes	0.500%	06/29/20	06/17/25	1,205 0.470%	500,000.00	500,640.00	(214.98)	500,425.02	513.89
Freddie Mac Notes	0.375%	07/21/20	07/21/25	1,239 0.480%	115,000.00	114,427.30	183.99	114,611.29	47.92
Federal Home Loan Bank Notes	0.375%	09/10/20	09/04/25	1,284 0.440%	40,000.00	39,880.00	35.36	39,915.36	73.75
FNMA Benchmark Note	1.875%	12/20/18	09/24/26	1,669 2.970%	500,000.00	462,350.00	15,490.44	477,840.44	4,088.54
Fannie Mae Notes	0.750%	10/07/20	10/08/27	2,048 0.770%	210,000.00	209,699.70	59.71	209,759.41	625.63
Fannie Mae Notes	0.875%	08/05/20	08/05/30	3,080 0.930%	100,000.00	99,485.00	80.68	99,565.68	63.19
		Weighted Avg Maturity	1.693	1.362%	\$ 22,387,489.45	\$ 22,412,304.53	(704.40)	\$ 22,411,600.13	\$ 54,371.34
Capital Reserve (01-122000)									
IIIT - Money Market (PFM Asset Management)									
	0.031%	02/28/22	03/01/22	1 0.031%	437,997.75	437,997.75	0.00	437,997.75	-
US Treasury Notes	0.125%	03/12/21	02/28/23	365 0.150%	500,000.00	499,765.63	115.05	499,880.68	1.70
US Treasury Notes	0.125%	06/14/21	05/31/23	457 0.160%	975,000.00	974,390.63	220.19	974,610.82	304.69
US Treasury Notes	0.250%	06/29/20	06/15/23	472 0.180%	2,500,000.00	2,504,980.47	(2,808.43)	2,502,172.04	1,304.95
US Treasury Notes	1.250%	06/29/20	07/31/23	518 0.170%	1,000,000.00	1,033,125.00	(17,915.74)	1,015,209.26	1,001.38
US Treasury Notes	0.125%	08/02/21	07/31/23	518 0.180%	2,000,000.00	1,997,890.63	607.24	1,998,497.87	200.28
US Treasury Notes	0.125%	10/07/20	09/15/23	564 0.190%	950,000.00	948,107.42	898.62	949,006.04	547.82
US Treasury Notes	0.250%	10/15/21	09/30/23	579 0.390%	3,365,000.00	3,355,667.38	1,756.42	3,357,423.80	3,512.91
US Treasury Notes	0.250%	11/27/20	11/15/23	625 0.200%	500,000.00	500,761.72	(321.62)	500,440.10	366.02
US Treasury Notes	0.125%	01/05/21	12/15/23	655 0.170%	1,000,000.00	998,789.06	472.18	999,261.24	260.99
US Treasury Notes	2.250%	11/05/21	12/31/23	671 0.510%	500,000.00	518,613.28	(2,747.00)	515,866.28	1,864.64
US Treasury Notes	0.750%	01/05/22	12/31/23	671 0.790%	750,000.00	749,472.66	40.01	749,512.67	932.32
US Treasury Notes	2.625%	11/02/21	12/31/23	671 0.540%	3,000,000.00	3,133,945.31	(20,057.80)	3,113,887.51	13,052.49
US Treasury Notes	0.125%	01/05/21	12/15/23	655 0.170%	750,000.00	748,095.70	654.55	748,750.25	36.26
US Treasury Notes	0.125%	03/01/21	02/15/24	717 0.270%	2,600,000.00	2,589,031.25	3,690.14	2,592,721.39	125.69
US Treasury Notes	0.125%	04/26/21	02/15/24	717 0.300%	3,000,000.00	2,985,703.13	4,300.23	2,990,003.36	145.03
US Treasury Notes	0.250%	04/01/21	03/15/24	746 0.340%	2,500,000.00	2,493,261.72	2,068.50	2,495,330.22	2,883.29
US Treasury Notes	0.375%	04/26/21	04/15/24	777 0.340%	3,000,000.00	3,002,929.69	(832.42)	3,002,097.27	4,234.20
US Treasury Notes	0.250%	06/02/21	05/15/24	807 0.300%	1,700,000.00	1,697,343.75	666.53	1,698,010.28	1,244.48
US Treasury Notes	0.250%	06/29/21	06/15/24	838 0.460%	750,000.00	745,371.09	1,044.82	746,415.91	391.48
US Treasury Notes	0.375%	10/05/21	09/15/24	930 0.510%	1,300,000.00	1,294,820.31	703.47	1,295,523.78	2,248.96
US Treasury Notes	1.125%	02/07/22	01/15/25	1,052 1.500%	965,000.00	954,746.88	210.22	954,957.10	1,349.53
US Treasury Notes	1.125%	09/02/21	02/28/25	1,096 0.520%	2,000,000.00	2,041,953.13	(5,922.79)	2,036,030.34	61.14
US Treasury Notes	0.375%	02/08/22	04/30/25	1,157 1.580%	3,000,000.00	2,887,031.25	2,015.59	2,889,046.84	3,760.36
Intl Bank of Recon & Dev	0.125%	04/13/21	04/20/23	416 0.230%	415,000.00	414,140.95	370.69	414,511.64	190.28
Inter-American Devel Bk Corp Notes	0.500%	04/17/20	05/24/23	450 0.510%	495,000.00	494,831.70	101.13	494,932.83	666.88
Asian Development Bank Corp Notes	0.375%	06/02/21	06/11/24	834 0.400%	1,270,000.00	1,269,238.00	183.91	1,269,421.91	1,058.33
Asian Development Bank Corp Notes	0.625%	10/06/21	10/08/24	953 0.640%	420,000.00	419,773.20	30.16	419,803.36	1,057.29
Connecticut St A Txbi Municipal Bonds	2.500%	06/11/20	07/01/22	123 1.660%	35,000.00	35,588.70	(492.94)	35,095.76	145.83
NYC, NY Txbi GO Bonds	1.690%	10/04/19	10/01/22	215 1.690%	180,000.00	180,000.00	0.00	180,000.00	1,267.50
NY ST Urban Dev Corp Bonds	0.622%	07/17/20	03/15/23	380 0.620%	175,000.00	175,000.00	0.00	175,000.00	501.92
WI St Txbi GO Bonds	1.749%	02/13/20	05/01/23	427 1.750%	110,000.00	110,000.00	0.00	110,000.00	641.30
Avondale School Dist, MI Txbi GO Bonds	1.650%	02/04/20	05/01/23	427 1.650%	245,000.00	245,000.00	0.00	245,000.00	1,347.50
Univ of CO Txbi Rev Bonds	2.569%	10/22/19	06/01/23	458 1.950%	190,000.00	194,096.40	(2,673.87)	191,422.53	1,220.28
Port Auth of NY/NJ Txbi Rev Bonds	1.086%	07/02/20	07/01/23	488 1.090%	165,000.00	165,000.00	0.00	165,000.00	298.65
AZ Tran Board Txbi Rev Bonds	1.795%	02/12/20	07/01/23	488 1.800%	945,000.00	945,000.00	0.00	945,000.00	2,827.13
NYC, NY Txbi GO Bonds	2.080%	09/25/19	08/01/23	519 1.940%	465,000.00	467,408.70	(1,520.02)	465,888.68	806.00
CT ST Txbi GO Bonds	0.508%	06/04/21	06/01/24	824 0.510%	540,000.00	540,000.00	0.00	540,000.00	685.80
Los Angeles CCD, CA Txbi GO Bonds	0.773%	11/10/20	08/01/25	1,250 0.770%	225,000.00	225,000.00	0.00	225,000.00	144.94

DU PAGE WATER COMMISSION  
INVESTMENTS  
(Unaudited)  
February 28, 2022

FUND SOURCE	COUPON RATE	PURCHASE DATE	MATURITY DATE	YIELD TO MATURITY (COST)	PAR VALUE	PURCHASE PRICE	AMORTIZED DISCOUNT (PREMIUM)	AMORTIZED COST	ACCRUED INTEREST 02/28/22
Capital Reserve (01-122000) Continued...									
FN AB8565	2.000%	04/09/18	03/25/23	390 2.260%	20,340.02	20,098.47	192.21	20,290.68	33.90
FN AL2092	3.000%	03/06/18	07/25/27	1,973 2.698%	131,541.82	131,706.24	(70.08)	131,636.16	328.85
Fannie Mae Pool	3.500%	04/05/18	02/25/28	2,188 3.230%	202,305.04	206,920.12	(1,833.69)	205,086.43	590.06
Fannie Mae Pool	3.500%	04/05/18	03/25/28	2,217 3.230%	104,681.75	107,069.80	(941.23)	106,128.57	305.32
Fannie Mae Pool	3.500%	04/05/18	04/25/28	2,248 3.240%	132,632.24	135,533.58	(1,133.82)	134,399.76	386.84
FR ZT1267	2.500%	08/21/19	05/25/28	2,278 2.320%	119,426.16	121,086.93	(481.91)	120,605.02	248.80
FN CA1940	4.000%	07/11/18	06/01/28	2,285 3.640%	138,891.07	143,014.41	(1,516.00)	141,498.41	462.97
FG J32374	2.500%	02/17/22	11/01/28	2,438 2.220%	320,423.12	326,030.53	(27.48)	326,003.05	667.55
Fannie Mae Pool	4.000%	03/18/19	03/25/29	2,582 3.630%	50,782.39	52,345.54	(463.87)	51,881.67	169.27
FR SB0364	3.500%	06/21/21	06/01/35	4,841 2.830%	239,004.67	257,527.55	(906.31)	256,621.24	697.10
FHR 5050 XL	1.000%	02/11/22	07/01/36	5,237 1.180%	331,698.24	323,820.41	26.99	323,847.40	276.42
FHLMC Multifamily Structured Pool	2.396%	04/02/19	06/25/22	117 2.470%	288,540.99	289,262.34	(663.79)	288,598.55	653.06
FHLMC Multifamily Structured Pool	2.396%	04/02/19	06/25/22	117 2.470%	300,048.30	299,368.49	625.71	299,994.20	599.10
FHLMC Multifamily Structured Pool	2.716%	04/02/19	06/25/22	117 2.630%	300,048.30	299,368.49	625.71	299,994.20	599.10
FHLMC Multifamily Structured Pool	2.355%	08/14/19	07/25/22	147 1.920%	301,658.94	305,335.41	(3,248.08)	302,087.33	592.01
FHLMC Multifamily Structured Pool	2.307%	09/04/19	08/25/22	178 1.780%	225,000.00	228,322.27	(2,841.37)	225,480.90	432.56
FHLMC Multifamily Structured Pool	2.682%	06/13/19	10/25/22	239 2.210%	444,437.47	451,104.02	(5,478.67)	445,625.35	993.32
FHLMC Multifamily Structured Pool	2.510%	06/12/19	11/25/22	270 2.240%	450,000.00	453,937.50	(3,155.11)	450,782.39	941.25
Fannie Mae ACES	2.280%	09/11/19	12/25/22	300 2.080%	163,202.29	164,219.21	(778.31)	163,440.90	310.08
FHLMC Series K032 A1	3.016%	06/13/18	02/01/23	338 2.960%	30,631.36	30,474.62	125.47	30,600.09	68.13
FHLMC Multifamily Structured Pool	2.669%	06/13/18	02/25/23	362 2.790%	32,398.39	32,475.59	(61.80)	32,413.79	81.43
FHMS K724 A2	3.062%	02/02/21	11/01/23	611 0.580%	280,000.00	298,910.94	(7,398.29)	291,512.65	714.47
Fannie Mae ACES	3.346%	12/13/19	03/25/24	756 2.140%	173,595.43	182,031.10	(4,418.42)	177,612.68	484.04
FHMS KJ27 A1	2.092%	11/20/19	07/25/24	878 2.090%	65,633.76	65,632.20	0.77	65,632.97	114.42
FHMS K047 A1	2.827%	06/18/19	12/25/24	1,031 2.490%	200,453.94	203,899.25	(1,703.61)	202,195.64	472.24
FHMS KJ32 A1	0.516%	11/18/20	06/25/25	1,213 0.520%	147,967.63	147,967.01	0.17	147,967.18	63.63
FHMS KJ31 A1	0.569%	10/20/20	05/25/26	1,547 0.570%	148,974.24	148,971.27	0.72	148,971.99	70.64
FHR 4096 PA	1.375%	02/21/20	08/15/27	1,994 1.490%	220,292.69	218,502.82	484.25	218,987.07	252.42
FNR 2012-107 GA	1.500%	12/03/19	09/25/27	2,035 1.690%	112,635.05	111,077.52	449.73	111,527.25	140.79
FNR 2013-39 MP	1.750%	12/09/19	05/25/28	2,278 1.860%	247,697.53	245,607.59	552.68	246,160.27	361.23
FNR 3745 NP	4.000%	09/12/19	06/15/39	6,316 3.740%	36,943.67	38,264.11	(164.39)	38,099.72	123.15
FNR 2015-33 P	2.500%	02/14/20	06/25/45	8,518 2.400%	159,072.70	162,105.03	(243.03)	161,862.00	331.40
Freddie Mac Notes	0.125%	07/21/20	07/25/22	147 0.240%	920,000.00	917,920.80	1,664.50	919,585.30	115.00
Freddie Mac Notes	0.375%	04/17/20	04/20/23	416 0.460%	535,000.00	533,662.50	830.59	534,493.09	730.05
Freddie Mac Notes	0.375%	05/05/20	05/05/23	431 0.390%	910,000.00	909,617.80	231.84	909,849.64	1,099.58
Fannie Mae Notes	0.250%	05/20/20	05/22/23	448 0.350%	970,000.00	967,080.30	1,727.82	968,808.12	666.88
Fannie Mae Notes	0.250%	06/01/20	05/22/23	448 0.310%	2,000,000.00	1,996,260.00	2,197.77	1,998,457.77	1,375.00
Freddie Mac Notes	0.250%	06/24/20	06/26/23	483 0.350%	875,000.00	872,445.00	1,430.33	873,875.33	394.97
Freddie Mac Notes	0.250%	06/29/20	06/26/23	483 0.300%	2,500,000.00	2,496,275.00	2,079.31	2,498,354.31	1,128.47
Freddie Mac Notes	0.250%	07/08/20	07/10/23	497 0.320%	1,130,000.00	1,127,570.50	1,329.01	1,128,899.51	400.21
Fannie Mae Notes	0.250%	08/19/20	08/24/23	542 0.280%	1,070,000.00	1,068,908.60	553.65	1,069,462.25	52.01
Freddie Mac Notes	0.250%	09/02/20	09/08/23	557 0.240%	510,000.00	510,093.13	(46.01)	510,047.12	612.71
Freddie Mac Notes	0.250%	09/02/20	09/08/23	557 0.260%	680,000.00	679,775.60	110.87	679,886.47	816.94
Freddie Mac Notes	0.250%	11/03/20	11/06/23	616 0.280%	1,220,000.00	1,218,902.00	481.88	1,219,383.88	974.31
Fannie Mae Notes	0.250%	11/23/20	11/27/23	637 0.290%	1,050,000.00	1,048,803.00	503.02	1,049,306.02	685.42
Freddie Mac Notes	0.250%	12/02/20	12/04/23	644 0.280%	990,000.00	989,019.90	404.57	989,424.47	598.13
Weighted Avg Maturity			745	0.624%	\$ 66,398,956.95	\$ 66,512,196.98	(56,088.68)	\$ 66,456,108.30	\$ 74,905.47
TOTAL ALL FUNDS				0.947%	\$ 178,447,984.54	\$ 178,850,232.68	(160,034.78)	\$ 178,690,197.90	\$ 293,471.52
Less: Net Unsettled Trades								\$ 178,690,197.90	
February 28, 2022				90 DAY US TREASURY YIELD	0.35%				
				3 month US Treasury Bill Index	0.20%				
				0-3 Year US Treasury Index	1.13%				
				1-3 Year US Treasury Index	1.37%				
				1-5 Year US Treasury Index	1.49%				
				1-10 Year US Treasury Index	1.59%				

DUPAGE WATER COMMISSION  
ELMHURST, ILLINOIS  
TREASURER'S REPORT  
STATEMENT OF CASH FLOWS  
For the Period from May 1, 2021 to February 28, 2022

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CASH FLOWS FROM OPERATING ACTIVITIES

Cash received from customers	\$ 113,713,052
Cash payments to suppliers	(106,095,021)
Cash payments to employees	<u>(3,145,210)</u>
Net cash from operating activities	4,472,821

CASH FLOWS FROM NONCAPITAL  
FINANCING ACTIVITIES

Cash received from sales taxes	57,806
Cash received/paid from long term loans	411,005
Cash payments for net pension activity	<u>0</u>
Net cash from noncapital financing activities	468,811

CASH FLOWS FROM CAPITAL AND  
RELATED FINANCING ACTIVITIES

Interest paid	0
Principal Paid	0
Construction and purchase of capital assets	<u>(1,023,313)</u>
Net cash from capital and related financing activities	(1,023,313)

CASH FLOWS FROM INVESTING ACTIVITIES

Investment income	<u>1,852,895</u>
Net cash from investing activities	1,852,895

Net Increase (Decrease) in cash and investments 5,771,214

CASH AND INVESTMENTS, MAY 1, 2021 210,780,347

CASH AND INVESTMENTS, FEBRUARY 28, 2022 \$ 216,551,561

February 28, 2022  
 TREASURER'S REPORT  
 DPWC MONTHLY CASH/OPERATING REPORT

	2/28/2022		
	YEAR END TARGETED Reserve or Monthly Cash Amount-Needed	Amount On Hand	Amount Over - (Under) Target
	A	B	C
<b>TABLE 1</b>			
<b>RESERVE ANALYSIS</b>			
A .Operating Reserve <i># of days per current fiscal year management budget</i>	\$ 69,210,969 180	\$ 73,229,361 190	\$ 4,018,392
B. Capital Reserve	\$ 64,750,000	\$ 66,325,566	\$ 1,575,566
C. Long Term Water Capital Reserve	\$ 20,425,000	\$ 22,411,600	\$ 1,986,600
D. O+M Account (1)	\$ 9,654,834	\$ 40,567,087	\$ 30,912,254
E. Current Construction Obligation and Customer Construction Escrows	\$ 130,543	\$ 130,543	\$ -
<b>TOTAL SUMMARY CASH + RESERVE ANALYSIS</b>	<b>\$ 164,171,345</b>	<b>\$ 202,664,157</b>	<b>\$ 38,492,812</b>

<b>TABLE 2</b>		
<b>OTHER CASH</b>		
F. General Fund		\$ 13,887,113
G. Sales Tax		\$ 291
<b>TOTAL TABLE 2-OTHER CASH</b>		<b>\$ 13,887,404</b>
<b>TOTAL MONTH END FUNDS CASH BALANCE-Table1+2</b>		<b>\$ 216,551,561</b>

Note 1: The O&M Account target varies from month to month. The cash balance should be enough to cover the current months operating cash outflows.



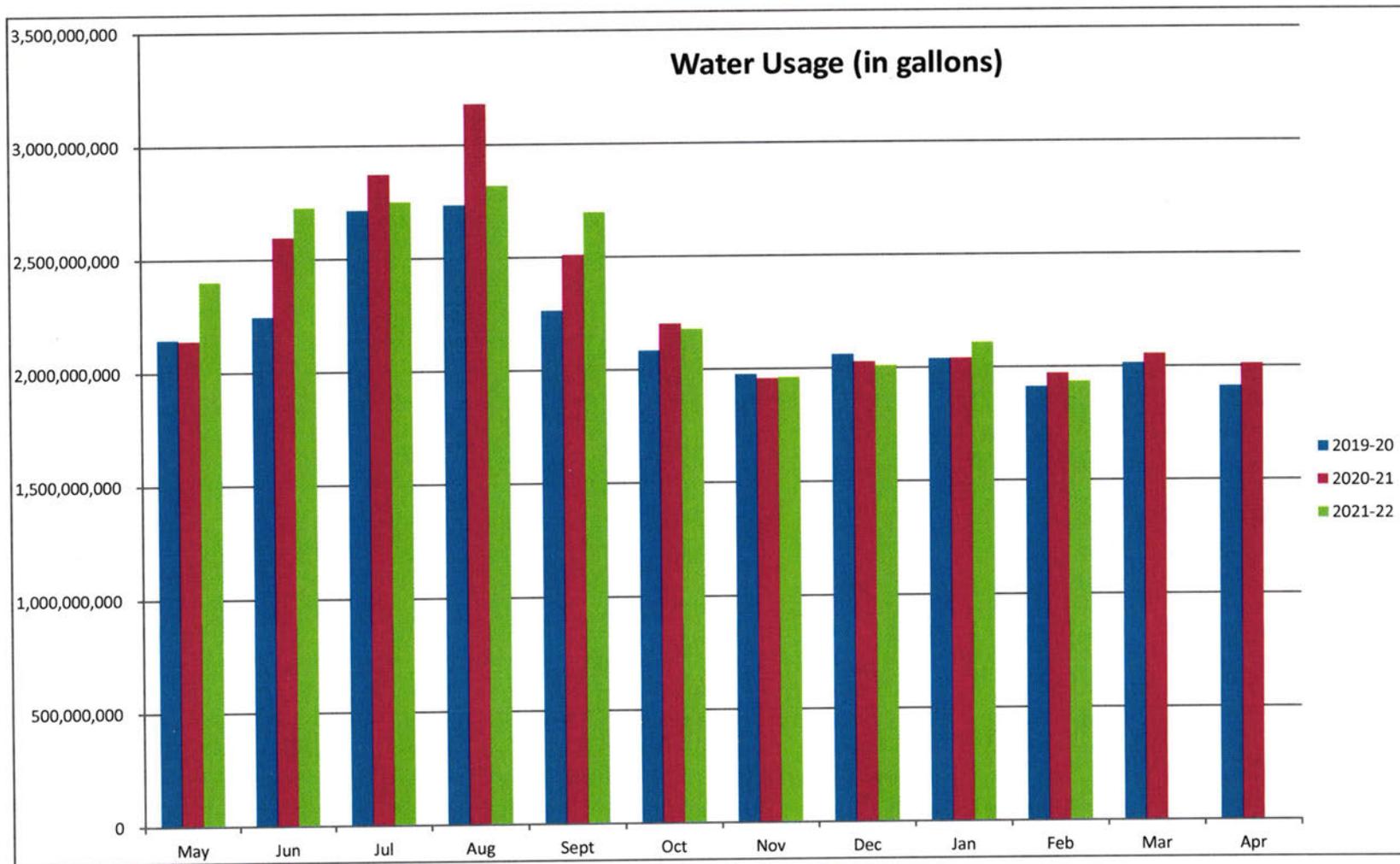
# DuPage Water Commission

## MEMORANDUM

TO: Terry McGhee, Interim Manager of Water Operations  
FROM: Cheryl Peterson, Financial Administrator [REDACTED]  
DATE: March 8, 2022  
SUBJECT: Financial Report – February 28, 2022

- Water sales to Commission customers for February 2022 were 36.0 million gallons (1.9%) below February 2021 and decreased by 166.7 million gallons compared to January 2022. Year-to-date water sales were up by 95.6 million gallons or 0.4% compared to the prior fiscal year.
- Water sales to Commission customers for February were 118.7 million gallons (6.7%) higher than the budgeted anticipated/forecasted sales for the month. Year-to-date water sales were 1,406.9 million gallons (6.5%) above the budgeted anticipated/forecasted sales.
- For the month of February, water billings to customers for O&M costs were \$9.3 million and water purchases from the City of Chicago were \$8.0 million. Water billing receivables at February month end (\$11.6million) were up compared to the prior month (\$12.2 million) primarily due to lower water sales and timing of receivables.
- For the ten months ended February 28, 2022, \$118.1 million of the \$129.0 million revenue budget has been realized. Therefore, 92% of the revenue budget has been accounted for year to date. For the same period, \$115.1 million of the \$134.0 million expenditure budget has been realized, and this accounts for 86% of the expenditure budget.
- Adjusted for seasonality based on a monthly trend, year to date revenues are 108% percent of the current budget and expenses are 101% of the current budget.
- The Operating Reserve, Capital Reserve and Long-Term Water Capital Accounts have reached their respective 2021/2022 fiscal year end minimum targeted levels.
- The O&M and General Account have balances of \$40.6 million and \$13.9 million, respectively.

cc: Chairman and Commissioners



DuPage Water Commission

Summary of Specific Account Target and Summary of Net Assets  
February 28, 2022

Revenue Bond Ordinance Accounts and Commission Policy Reserves	Account / Reserve Assets Balance (1)    Offsetting Liabilities		Year-End Specific Account Target	Status
Operations and Maintenance Account	\$ 40,567,087.21	\$ 9,654,833.68		Positive Net Assets
General Account	\$ 13,887,113.00	\$ -		Positive Net Assets
Sales Tax Subaccount	\$ 291.15	\$ -		Positive Net Assets
Operating Reserve	\$ 73,393,556.04		\$ 69,210,969.00	Target Met
Capital Reserve	\$ 66,531,013.77		\$ 64,880,542.50	Target Met
L-T Water Capital Reserve	\$ 22,465,971.47		\$ 20,425,000.00	Target Met
	\$ 216,845,032.64	\$ 9,654,833.68	\$ 154,516,511.50	\$ 52,673,687.46
<u>Total Net Assets - All Commission Accounts</u>				
Unrestricted		\$ 225,859,636.56		
Invested in Capital Assets, net		\$ 328,510,890.74		
Total		\$ 554,370,527.30		

(1) Includes Interest Receivable



	Current Year Balance	Prior Year Balance	Variance Favorable / (Unfavorable)
<b>Fund: 01 - WATER FUND</b>			
<b>Assets</b>			
<b>Level1: 10 - CURRENT ASSETS</b>			
110 - CASH	37,861,363.22	32,875,507.71	4,985,855.51
120 - INVESTMENTS	178,690,197.90	176,424,434.10	2,265,763.80
131 - WATER SALES	11,551,669.75	12,007,250.21	-455,580.46
132 - INTEREST RECEIVABLE	293,471.52	350,147.39	-56,675.87
134 - OTHER RECEIVABLE	2,349,977.31	4,201,384.25	-1,851,406.94
135 - LOAN RECEIVABLE - CURRENT	23,086.24	-131,982.21	155,068.45
150 - INVENTORY	177,768.00	177,768.00	0.00
155 - PREPAIDS	467,783.06	403,249.44	64,533.62
<b>Total Level1 10 - CURRENT ASSETS:</b>	<b>231,415,317.00</b>	<b>226,307,758.89</b>	<b>5,107,558.11</b>
<b>Level1: 17 - NONCURRENT ASSETS</b>			
170 - FIXED ASSETS	535,763,274.52	532,475,139.84	3,288,134.68
175 - LESS: ACCUMULATED DEPRECIATION	-209,815,519.66	-200,460,604.06	-9,354,915.60
180 - CONSTRUCTION IN PROGRESS	2,563,135.88	2,235,668.63	327,467.25
190 - LONG-TERM ASSETS	12,861,737.98	11,739,497.74	1,122,240.24
<b>Total Level1 17 - NONCURRENT ASSETS:</b>	<b>341,372,628.72</b>	<b>345,989,702.15</b>	<b>-4,617,073.43</b>
<b>Total Assets:</b>	<b>572,787,945.72</b>	<b>572,297,461.04</b>	<b>490,484.68</b>
<b>Liability</b>			
<b>Level1: 21 - CURRENT LIABILITIES</b>			
210 - ACCOUNTS PAYABLE	8,473,186.66	8,243,816.50	-229,370.16
211 - OTHER CURRENT LIABILITIES	629,260.29	553,066.12	-76,194.17
225 - ACCRUED PAYROLL LIABILITIES	194,886.29	156,715.60	-38,170.69
226 - ACCRUED VACATION	357,500.44	414,826.26	57,325.82
250 - CONTRACT RETENTION	0.00	87,305.60	87,305.60
251 - CUSTOMER DEPOSITS	130,542.50	0.00	-130,542.50
270 - DEFERRED REVENUE	5,874,813.24	8,586,233.40	2,711,420.16
<b>Total Level1 21 - CURRENT LIABILITIES:</b>	<b>15,660,189.42</b>	<b>18,041,963.48</b>	<b>2,381,774.06</b>
<b>Level1: 25 - NONCURRENT LIABILITIES</b>			
297 - POST EMPLOYMENT BENEFITS LIABILITIES	2,757,229.00	1,635,291.00	-1,121,938.00
<b>Total Level1 25 - NONCURRENT LIABILITIES:</b>	<b>2,757,229.00</b>	<b>1,635,291.00</b>	<b>-1,121,938.00</b>
<b>Total Liability:</b>	<b>18,417,418.42</b>	<b>19,677,254.48</b>	<b>1,259,836.06</b>
<b>Equity</b>			
<b>Level1: 30 - EQUITY</b>			
300 - EQUITY	551,360,656.30	546,754,530.09	4,606,126.21
<b>Total Level1 30 - EQUITY:</b>	<b>551,360,656.30</b>	<b>546,754,530.09</b>	<b>4,606,126.21</b>
<b>Total Beginning Equity:</b>	<b>551,360,656.30</b>	<b>546,754,530.09</b>	<b>4,606,126.21</b>
Total Revenue	118,140,063.79	118,682,600.18	-542,536.39
Total Expense	115,130,192.79	112,816,923.71	-2,313,269.08
<b>Revenues Over/(Under) Expenses</b>	<b>3,009,871.00</b>	<b>5,865,676.47</b>	<b>-2,855,805.47</b>
<b>Total Equity and Current Surplus (Deficit):</b>	<b>554,370,527.30</b>	<b>552,620,206.56</b>	<b>1,750,320.74</b>
<b>Total Liabilities, Equity and Current Surplus (Deficit):</b>	<b>572,787,945.72</b>	<b>572,297,461.04</b>	<b>490,484.68</b>



# Monthly & YTD Budget Report

		February 2021-2022 Budget	February 2021-2022 Activity	2021-2022 Seasonal YTD Bud	2021-2022 YTD Activity	Seasonal Percent Used	2021-2022 Total Budget	Total Percent Used
<b>01 - WATER FUND</b>								
Revenue								
<b>510 - WATER SERVICE</b>								
							% of Year Completed: 83%	
01-511100	O&M PAYMENTS- GOVERNMENTAL	(8,534,441.16)	(9,102,838.29)	(104,198,434.97)	(111,121,074.05)	107 %	(122,269,930.77)	91 %
01-511200	O&M PAYMENTS- PRIVATE	(209,863.30)	(237,660.43)	(2,562,256.53)	(2,645,535.97)	103 %	(3,006,637.64)	88 %
01-513100	SUBSEQUENT CUSTOMER - GO	(189,606.24)	(189,606.24)	(1,896,062.40)	(1,896,062.40)	100 %	(2,275,274.88)	83 %
01-513200	SUBSEQUENT CUSTOMER - PRIVAT	(42,455.44)	(42,455.44)	(424,554.40)	(424,554.40)	100 %	(509,465.28)	83 %
01-514100	EMERGENCY WATER SERVICE- GOV	(1,100.00)	0.00	(18,400.00)	(19,520.03)	106 %	(20,725.00)	94 %
510 - WATER SERVICE Totals:		(8,977,466.14)	(9,572,560.40)	(109,099,708.30)	(116,106,746.85)	106 %	(128,082,033.57)	91 %
<b>520 - TAXES</b>								
							% of Year Completed: 83%	
01-530010	SALES TAXES - WATER REVENUE	0.00	(8,588.75)	0.00	(57,806.13)	0 %	0.00	0 %
520 - TAXES Totals:		0.00	(8,588.75)	0.00	(57,806.13)	0 %	0.00	0 %
<b>540 - OTHER INCOME</b>								
							% of Year Completed: 83%	
01-581000	INVESTMENT INCOME	(58,310.00)	(157,849.19)	(583,100.00)	(1,779,250.78)	305 %	(700,000.00)	254 %
01-582000	INTEREST INCOME	(16,592.69)	0.00	(165,926.90)	(149,886.84)	90 %	(199,192.00)	75 %
01-590000	OTHER INCOME	0.00	0.00	0.00	(29,335.14)	0 %	0.00	0 %
01-590100	SALE OF EQUIPMENT	0.00	0.00	0.00	(17,038.05)	0 %	0.00	0 %
540 - OTHER INCOME Totals:		(74,902.69)	(157,849.19)	(749,026.90)	(1,975,510.81)	264 %	(899,192.00)	220 %
<b>Revenue Totals:</b>		<b>(9,052,368.83)</b>	<b>(9,738,998.34)</b>	<b>(109,848,735.20)</b>	<b>(118,140,063.79)</b>	<b>108 %</b>	<b>(128,981,225.57)</b>	<b>92 %</b>

		February 2021-2022 Budget	February 2021-2022 Activity	2021-2022 Seasonal YTD Bud	2021-2022 YTD Activity	Seasonal Percent Used	2021-2022 Total Budget	Total Percent Used
<b>Expense</b>								
<b>610 - PERSONNEL SERVICES</b>								
							% of Year Completed: 83%	
01-60-611100	ADMIN SALARIES	187,434.80	154,949.97	1,741,248.68	1,461,131.29	84 %	2,146,600.00	68 %
01-60-611200	OPERATIONS SALARIES	158,432.64	146,800.60	1,629,620.88	1,516,846.64	93 %	1,960,800.00	77 %
01-60-611300	SUMMER INTERNS	0.00	0.00	48,000.00	11,313.50	24 %	48,000.00	24 %
01-60-611600	ADMIN OVERTIME	616.67	0.00	6,166.66	3,656.00	59 %	7,400.00	49 %
01-60-611700	OPERATIONS OVERTIME	23,500.18	20,611.91	249,413.72	207,231.35	83 %	294,120.00	70 %
01-60-612100	PENSION	52,855.75	62,564.56	528,557.50	226,335.04	43 %	634,269.00	36 %
01-60-612200	MEDICAL/LIFE BENEFITS	61,961.20	51,233.25	760,263.92	609,742.62	80 %	885,160.00	69 %
01-60-612300	FEDERAL PAYROLL TAXES	28,412.86	23,780.83	284,128.60	228,324.12	80 %	340,954.38	67 %
01-60-612800	STATE UNEMPLOYMENT	1,148.33	573.64	11,483.30	3,942.63	34 %	13,780.00	29 %
01-60-613100	TRAVEL	950.00	704.00	9,500.00	6,467.50	68 %	11,400.00	57 %
01-60-613200	TRAINING	5,458.33	859.00	54,583.30	25,512.74	47 %	65,500.00	39 %
01-60-613301	CONFERENCES	5,241.66	1,650.00	52,416.60	12,095.01	23 %	62,900.00	19 %
01-60-613302	TUITION REIMBURSEMENT	2,500.00	0.00	25,000.00	9,288.00	37 %	30,000.00	31 %
01-60-619100	OTHER PERSONNEL COSTS	2,691.66	617.89	26,916.60	6,053.54	22 %	32,300.00	19 %
<b>610 - PERSONNEL SERVICES Totals:</b>		<b>531,204.08</b>	<b>464,345.65</b>	<b>5,427,299.76</b>	<b>4,327,939.98</b>	<b>80 %</b>	<b>6,533,183.38</b>	<b>66 %</b>
<b>620 - CONTRACT SERVICES</b>								
							% of Year Completed: 83%	
01-60-621000	WATER CONSERVATION PROGRAM	1,750.00	0.00	17,500.00	0.00	0 %	21,000.00	0 %
01-60-623300	TRUST SERVICES & BANK CHARGE	10,833.33	10,942.30	108,333.30	106,355.66	98 %	130,000.00	82 %
01-60-625100	LEGAL SERVICES- GENERAL	7,500.00	11,330.62	75,000.00	44,071.86	59 %	90,000.00	49 %
01-60-625300	LEGAL SERVICES- SPECIAL	6,250.00	382.50	62,500.00	1,262.50	2 %	75,000.00	2 %
01-60-625800	LEGAL NOTICES	3,291.66	0.00	32,916.60	5,664.72	17 %	39,500.00	14 %
01-60-626000	AUDIT SERVICES	0.00	0.00	31,000.00	29,900.00	96 %	31,000.00	96 %
01-60-628000	CONSULTING SERVICES	25,225.00	129,070.74	252,250.00	197,327.24	78 %	302,700.00	65 %
01-60-629000	CONTRACTUAL SERVICES	69,183.33	67,544.97	691,833.30	665,698.34	96 %	830,200.00	80 %
<b>620 - CONTRACT SERVICES Totals:</b>		<b>124,033.32</b>	<b>219,271.13</b>	<b>1,271,333.20</b>	<b>1,050,280.32</b>	<b>83 %</b>	<b>1,519,400.00</b>	<b>69 %</b>
<b>640 - INSURANCE</b>								
							% of Year Completed: 83%	
01-60-641100	GENERAL LIABILITY INSURANCE	5,750.00	3,673.57	57,500.00	34,973.78	61 %	69,000.00	51 %
01-60-641200	PUBLIC OFFICIAL LIABILITY	1,941.66	1,588.18	19,416.60	15,881.70	82 %	23,300.00	68 %
01-60-641500	WORKER'S COMPENSATION	10,833.33	9,005.00	108,333.30	83,416.00	77 %	130,000.00	64 %
01-60-641600	EXCESS LIABILITY COVERAGE	3,333.33	3,178.09	33,333.30	29,279.86	88 %	40,000.00	73 %
01-60-642100	PROPERTY INSURANCE	33,000.00	31,667.50	330,000.00	299,041.00	91 %	396,000.00	76 %
01-60-642200	AUTOMOBILE INSURANCE	2,083.33	1,504.50	20,833.30	13,740.52	66 %	25,000.00	55 %
01-60-649100	SELF INSURANCE PROPERTY	8,333.33	3,645.47	83,333.30	73,844.44	89 %	100,000.00	74 %
<b>640 - INSURANCE Totals:</b>		<b>65,274.98</b>	<b>54,262.31</b>	<b>652,749.80</b>	<b>550,177.30</b>	<b>84 %</b>	<b>783,300.00</b>	<b>70 %</b>

		February 2021-2022 Budget	February 2021-2022 Activity	2021-2022 Seasonal YTD Bud	2021-2022 YTD Activity	Seasonal Percent Used	2021-2022 Total Budget	Total Percent Used
<b>650 - OPERATIONAL SUPPORT SRVS</b>								
								% of Year Completed: 83%
01-60-651200	GENERATOR DIESEL FUEL	9,375.00	0.00	93,750.00	52,803.29	56 %	112,500.00	47 %
01-60-651300	NATURAL GAS	2,748.90	5,400.24	27,489.00	20,727.06	75 %	33,000.00	63 %
01-60-651401	TELEPHONE	6,888.33	3,300.41	68,883.30	42,617.74	62 %	82,660.00	52 %
01-60-651403	RADIOS	1,299.48	0.00	12,994.80	13,572.00	104 %	15,600.00	87 %
01-60-651404	REPAIRS & EQUIPMENT	250.00	0.00	2,500.00	0.00	0 %	3,000.00	0 %
01-60-652100	OFFICE SUPPLIES	2,351.66	878.53	23,516.60	11,586.32	49 %	28,220.00	41 %
01-60-652200	BOOKS & PUBLICATIONS	1,064.25	0.00	10,642.50	2,502.64	24 %	12,771.00	20 %
01-60-653100	PRINTING- GENERAL	554.16	0.00	5,541.60	58.00	1 %	6,650.00	1 %
01-60-653200	POSTAGE & DELIVERY	550.00	1,048.60	5,500.00	3,200.53	58 %	6,600.00	48 %
01-60-654000	PROFESSIONAL DUES	2,050.41	500.00	20,504.10	20,924.00	102 %	24,605.00	85 %
01-60-655000	REPAIRS & MAINT- OFFICE EQUI	1,134.54	0.00	11,345.40	6,257.52	55 %	13,620.00	46 %
01-60-656000	REPAIRS & MAINT- BLDGS & GRN	18,916.66	15,915.27	189,166.60	148,885.05	79 %	227,000.00	66 %
01-60-658000	COMPUTER SOFTWARE	3,765.16	0.00	37,651.60	6,800.64	18 %	45,200.00	15 %
01-60-659000	COMPUTER/SOFTWARE MAINTENA	11,791.66	15,202.70	117,916.60	113,428.38	96 %	141,500.00	80 %
01-60-659100	OTHER ADMINISTRATIVE EXPENSE	991.27	1,207.65	9,912.70	(1,325.27)	-13 %	11,900.00	-11 %
<b>650 - OPERATIONAL SUPPORT SRVS Totals:</b>		<b>63,731.48</b>	<b>43,453.40</b>	<b>637,314.80</b>	<b>442,037.90</b>	<b>69 %</b>	<b>764,826.00</b>	<b>58 %</b>

**660 - WATER OPERATION**

								% of Year Completed: 83%
01-60-661101	WATER BILLING	7,472,989.36	7,966,573.81	91,238,990.48	97,003,994.54	106 %	107,062,884.91	91 %
01-60-661102	ELECTRICITY	90,740.00	84,139.67	1,107,860.00	1,125,648.05	102 %	1,300,000.00	87 %
01-60-661103	OPERATIONS & MAINTENANCE	65,000.00	38,971.80	650,000.00	418,783.13	64 %	780,000.00	54 %
01-60-661104	MAJOR MAINTENANCE	20,833.33	0.00	208,333.30	0.00	0 %	250,000.00	0 %
01-60-661201	PUMP STATION	132,620.00	132,431.85	1,619,180.00	1,339,707.10	83 %	1,900,000.00	71 %
01-60-661202	METER STATION, ROV, TANK SITE	10,539.80	1,237.47	128,682.20	81,460.54	63 %	151,000.00	54 %
01-60-661300	WATER CHEMICALS	4,250.00	0.00	42,500.00	3,710.67	9 %	51,000.00	7 %
01-60-661400	WATER TESTING	3,625.00	830.92	36,250.00	14,289.67	39 %	43,500.00	33 %
01-60-662100	PUMPING SERVICES	15,650.00	44,349.84	156,500.00	178,835.56	114 %	187,800.00	95 %
01-60-662300	METER TESTING & REPAIRS	2,850.00	0.00	28,500.00	30,128.79	106 %	34,200.00	88 %
01-60-662400	SCADA / INSTRUMENTATION	5,216.66	152.32	52,166.60	19,331.69	37 %	62,600.00	31 %
01-60-662500	EQUIPMENT RENTAL	975.00	0.00	9,750.00	900.00	9 %	11,700.00	8 %
01-60-662600	UNIFORMS	1,416.66	522.73	14,166.60	4,660.70	33 %	17,000.00	27 %
01-60-662700	SAFETY	12,835.00	4,038.45	128,350.00	34,780.87	27 %	154,020.00	23 %
01-60-663100	PIPELINE REPAIRS	95,833.33	4,800.00	958,333.30	336,527.34	35 %	1,150,000.00	29 %
01-60-663200	COR TESTING & MITIGATION	1,250.00	0.00	12,500.00	1,119.37	9 %	15,000.00	7 %
01-60-663300	REMOTE FACILITIES MAINTENANCE	21,466.66	22,696.27	214,666.60	118,318.12	55 %	257,600.00	46 %
01-60-663400	PLAN REVIEW- PIPELINE CONFLI	7,538.65	286.28	75,386.50	34,144.99	45 %	90,500.00	38 %
01-60-663700	PIPELINE SUPPLIES	7,333.33	9,305.30	73,333.30	60,678.41	83 %	88,000.00	69 %
01-60-664000	MACHINERY & EQUIP- NON CAP	1,762.50	0.00	17,625.00	3,055.61	17 %	21,150.00	14 %

Monthly & YTD Budget Report

For Fiscal: 2021-2022 Period Ending: 2/28/2022

		February 2021-2022 Budget	February 2021-2022 Activity	2021-2022 Seasonal YTD Bud	2021-2022 YTD Activity	Seasonal Percent Used	2021-2022 Total Budget	Total Percent Used
01-60-664100	REPAIRS & MAINT- VEHICLES	3,291.67	4,834.72	32,916.66	23,612.87	72 %	39,500.00	60 %
01-60-664200	FUEL- VEHICLES	3,100.00	2,266.30	31,000.00	24,100.16	78 %	37,200.00	65 %
01-60-664300	LICENSES- VEHICLES	262.50	0.00	2,625.00	0.00	0 %	3,150.00	0 %
660 - WATER OPERATION Totals:		7,981,379.45	8,317,437.73	96,839,615.54	100,857,788.18	104 %	113,707,804.91	89 %

680 - LAND & LAND RIGHTS

% of Year Completed: 83%

01-60-681000	LEASES	83.33	0.00	833.30	0.00	0 %	1,000.00	0 %
01-60-682000	PERMITS & FEES	1,204.16	0.00	12,041.60	5,646.34	47 %	14,450.00	39 %
680 - LAND & LAND RIGHTS Totals:		1,287.49	0.00	12,874.90	5,646.34	44 %	15,450.00	37 %

685 - CAPITAL EQUIP / DEPREC

% of Year Completed: 83%

01-60-685100	COMPUTERS	5,875.00	2,396.58	58,750.00	18,097.03	31 %	70,500.00	26 %
01-60-685200	OFFICE FURNITURE & EQUIPMT	0.00	0.00	10,000.00	0.00	0 %	10,000.00	0 %
01-60-685600	MACHINERY & EQUIPMENT	0.00	0.00	82,500.00	0.00	0 %	82,500.00	0 %
01-60-685800	CAPITALIZED EQUIP	0.00	0.00	(92,500.00)	0.00	0 %	(92,500.00)	0 %
01-60-686000	VEHICLES	0.00	41,826.00	230,000.00	76,215.16	33 %	230,000.00	33 %
01-60-686800	CAPITALIZED VEHICLE PURCHASES	0.00	(41,826.00)	(230,000.00)	(76,215.16)	33 %	(230,000.00)	33 %
01-60-692000	DEPRECIATION- TRANS MAINS	425,000.00	400,591.67	4,250,000.00	3,996,862.40	94 %	5,100,000.00	78 %
01-60-693000	DEPRECIATION- BUILDINGS	275,000.00	242,070.50	2,750,000.00	2,411,838.46	88 %	3,300,000.00	73 %
01-60-694000	DEPRECIATION-PUMPING EQUIPME	152,500.00	133,600.50	1,525,000.00	1,336,004.78	88 %	1,830,000.00	73 %
01-60-695200	DEPRECIATION- OFFICE FURN &	12,500.00	5,371.44	125,000.00	53,714.36	43 %	150,000.00	36 %
01-60-696000	DEPRECIATION- VEHICLES	15,166.66	9,670.35	151,666.60	79,805.74	53 %	182,000.00	44 %
685 - CAPITAL EQUIP / DEPREC Totals:		886,041.66	793,701.04	8,860,416.60	7,896,322.77	89 %	10,632,500.00	74 %

710 - CONSTRUCTION IN PROGRESS

% of Year Completed: 83%

01-60-722100	ADDITION OF PUMP	0.00	0.00	1,000,000.00	15,118.90	2 %	1,000,000.00	2 %
01-60-722200	DPS BUILDINGS REHAB & MAINT	0.00	0.00	2,000,000.00	154,644.47	8 %	2,000,000.00	8 %
01-60-722201	DPS LAB	0.00	0.00	100,000.00	0.00	0 %	100,000.00	0 %
01-60-722300	GENERATION BUILDING REHAB & M	0.00	7,179.73	1,050,000.00	136,934.85	13 %	1,050,000.00	13 %
01-60-751000	TRANSMISSION MAINS	0.00	0.00	3,000,000.00	411,813.29	14 %	3,000,000.00	14 %
01-60-751100	90 & 72 INCH SUPPLY UPGRADES	0.00	0.00	10,000,000.00	4,170.70	0 %	10,000,000.00	0 %
01-60-751200	CATHODIC PROTECTION	0.00	0.00	750,000.00	18,382.32	2 %	750,000.00	2 %
01-60-761000	STANDPIPE IMPROVEMENTS	0.00	0.00	1,000,000.00	67,662.61	7 %	1,000,000.00	7 %
01-60-770500	WATER QUALITY INSTRUMENTATIO	0.00	0.00	1,000,000.00	0.00	0 %	1,000,000.00	0 %
01-60-771000	VALVE REHAB & REPLACEMENT	0.00	13,831.00	750,000.00	28,666.30	4 %	750,000.00	4 %
01-60-771200	CONDITION ASSESSMENT	0.00	0.00	500,000.00	10,085.17	2 %	500,000.00	2 %
01-60-771600	WALL & MASONRY REHAB	0.00	0.00	700,000.00	0.00	0 %	700,000.00	0 %

Monthly & YTD Budget Report

For Fiscal: 2021-2022 Period Ending: 2/28/2022

		February 2021-2022 Budget	February 2021-2022 Activity	2021-2022 Seasonal YTD Bud	2021-2022 YTD Activity	Seasonal Percent Used	2021-2022 Total Budget	Total Percent Used
01-60-771700	REPLACEMENT OF SCADA SYSTEM	0.00	4,306.75	3,100,000.00	474,944.01	15 %	3,100,000.00	15 %
01-60-771900	HIGHLIFT PUMP REHAB	0.00	0.00	300,000.00	5,009.83	2 %	300,000.00	2 %
01-60-772100	METER STATION REHAB	0.00	0.00	400,000.00	0.00	0 %	400,000.00	0 %
01-60-772200	DWC SYSTEM UPGRADES	0.00	0.00	300,000.00	0.00	0 %	300,000.00	0 %
01-60-772300	REPLACEMENT OF CHILLERS	0.00	0.00	250,000.00	660.96	0 %	250,000.00	0 %
01-60-772400	DOCUMENT MANAGEMENT	0.00	0.00	500,000.00	0.00	0 %	500,000.00	0 %
01-60-772500	ALTERNATIVE WATER SOURCE	0.00	0.00	250,000.00	0.00	0 %	250,000.00	0 %
01-60-798000	CAPITALIZED FIXED ASSETS	0.00	(25,317.48)	(26,950,000.00)	(1,328,093.41)	5 %	(26,950,000.00)	5 %
710 - CONSTRUCTION IN PROGRESS Totals:		0.00	0.00	0.00	0.00	0 %	0.00	0 %
<b>Expense Totals:</b>		<b>9,652,952.46</b>	<b>9,892,471.26</b>	<b>113,701,604.60</b>	<b>115,130,192.79</b>	<b>101 %</b>	<b>133,956,464.29</b>	<b>86 %</b>
<b>01 - WATER FUND Totals:</b>		<b>600,583.63</b>	<b>153,472.92</b>	<b>3,852,869.40</b>	<b>(3,009,871.00)</b>	<b>-78 %</b>	<b>4,975,238.72</b>	<b>-60 %</b>



# DuPage Water Commission

## MEMORANDUM

TO: Terry McGhee  
Interim Manager of Water Operations

FROM: Mike Weed [REDACTED]  
Operations Supervisor

Dariusz Panaszek	Pipeline Supervisor
Chris Bostick	Facilities Construction Supervisor
Jessica Haney	Coordinating Engineer
Alan Stark	Coordinating Engineer
Denis Cuvalo	Coordinating Engineer

DATE: March 10, 2022

SUBJECT: Status of Operations

### **Operations Overview**

The Commission's sales for the month of February were a total of 1.89 billion gallons. This represents an average day demand of 67.5 million gallons per day (MGD), which is lower than the February 2021 average day demand of 68.7 MGD. The maximum day demand was 72.4 MGD recorded on February 12, 2022, which is lower than the February 2021 maximum day demand of 73.2 MGD. The minimum day flow was 60.7 MGD.

The Commission's recorded total precipitation for the month of February 2022 was 2.59 inches compared to 1.02 inches for February 2021. The level of Lake Michigan for February 2022 is 579.20 (Feet IGLD 1985) compared to 580.68 (Feet IGLD 1985) for February of 2021.

### **Operations Maintenance**

R-14-22 appears on the agenda seeking authorization to award two (2) contracts for 36-Month Maintenance, Parts, and Repair Service for Large Water Pumps at the DuPage Pumping Station. This action will allow Staff flexibility to seek proposals for necessary work on the Commission's High Lift Pumps and ancillary equipment.

**Instrumentation / Remote Facilities Overview**

Instrumentation staff continues with routine inspections and repairs of remote facilities.

QRE-9/20 Work Authorization Order No. 006 was approved in June 2021 for Courtesy Electric, Inc. to install a bypass switch for the UPS system in the DuPage Pump Station Emergency Generation Facility. Installation is ongoing, completion is delayed due to parts acquisition.

QRE-9/20 Work Authorization Order No. 009 was approved in November 2021 for Courtesy Electric, Inc. to replace corroded fittings and brackets in the ROV 8C structure and to provide additional conduit and cables for the domestic building water meters in the DuPage Pump Station. The installation of the conduit and cables for the domestic building water meters in the DuPage Pump Station has been completed.

Resolution R-19-22 appears on the agenda requesting ratification of Work Authorization Order No. 011 under the Quick Response Electrical Contract QRE-9/20, to Courtesy Electric Inc. This work is necessary since the office is being remodeled and updated to support the additional personnel as well as the IT and SCADA systems to be used by personnel within the office.

**Pipeline Maintenance and Construction Overview**

Pipeline staff is performing annual valve exercising program and corrective work as needed.

Pipeline staff is inspecting and performing maintenance work on Cathodic Protection Test Stations.

Resolution R-17-22 appears on the agenda to approve Change Order No. 2 for Contract VAP-1/21, Valve Assessment Program. Change Order No. 2 will grant Final Acceptance of the Work completed to date, revise the Contract Price to \$26,315.00 and the Contract Completion Date to March 17, 2022.

**Capital Improvement Program**

The DPPS Emergency Generator System Modifications Design Phase is complete, Bidding Document development is underway, and the bid period is anticipated to commence near the end of March and run through April 2022.

R-20-22 appears on the agenda requesting approval of the 4<sup>th</sup> Amendment to Task Order No. 3 with Greeley and Hansen adding Construction Phase Services for the DPPS Emergency Generator System Modifications project.

R-21-22 appears on the agenda seeking authorization to enter into an agreement with Caterpillar/Altorfer Power Systems to build and retrofit the DPPS Emergency Generator System using a Cooperative Purchasing Agreement.

**Coordinating Engineer**

The SCADA Replacement Project's Bidding Phase will be complete with bid opening having taken place on March 11<sup>th</sup>. Consultants and Staff will be reviewing the submitted bids and report to the Board, tentative for April 2022.

**MARCH 2022 COMMISSION AGENDA ITEMS:**

- R-14-22:** A Resolution Awarding two Contracts for 36-Month Maintenance, Parts and Repair Service for Large Water Pumps at the DuPage Pumping Station (**Midwest Service Center – Estimated Cost of \$387,465.00, and Superior Industrial Equipment – Estimated Cost of \$525,648.00**)
- R-17-22:** A Resolution Approving and Ratifying Change Order No. 2 and Final for Contract VAP-1/21, Valve Assessment Program (**Final Contract Price of \$26,315.00**)
- R-19-22:** A Resolution Authorizing and Ratifying Certain Work Authorizations Orders Under Quick Response Electrical Contract QRE-9/20 (**work Authorization Order No. 011 – Courtesy Electric – Estimated Cost of \$14,925.00**)
- R-20-22:** A Resolution Approving a Fourth Amendment to Task Order No. 3 under a Master Contract with Greeley and Hansen (**Emergency Generation System Modifications – Construction Services – Not-to-Exceed \$673,400.00**)
- R-21-22:** A Resolution Approving and Authorizing the Interim Manager of Water Operations to Retrofit the Emergency Generation System Controls via Caterpillar/Altorfer Power Systems through Sourcewell-MN.org Purchasing Cooperative Contract No. 120617 (**Not-to-Exceed \$900,000.00**)

**Attachments**

1. DuPage Laboratory Bench Sheets for February 2022
2. Water Sales Analysis 01-May-2018 to 28-February 2022
3. DuPage Water Commission Chart Sales vs. Historical Average
4. DuPage Water Commission Chart Sales vs. Allocation

<http://sp2013/Status%20of%20Operations/2022/220309.docx>



DU PAGE WATER COMMISSION  
WATER SALES ANALYSIS

01-May-92 TO 28-Feb-22

PER DAY AVERAGE 78,277,164

MONTH	SALES TO CUSTOMERS (GALLONS)	PURCHASES FROM CHICAGO (GALLONS)	GALLONS BILLED %	BILLINGS TO CUSTOMERS	BILLINGS FROM CHICAGO	DOCUMENTED COMMISSION WATER USE (2)	DOCUMENTED COMMISSION WATER USE %	TOTAL ACCOUNTED FOR %	DWC OPER. & MAINT. RATE (3)	CHGO RATE
May-18	2,285,706,000	2,361,461,303	96.79%	\$11,291,387.64	\$9,169,554.24	1,218,779	0.05%	96.84%	\$4.94	\$3.883
Jun-18	2,298,459,000	2,397,747,162	95.86%	\$11,354,387.71	\$9,454,317.06	2,994,035	0.12%	95.98%	\$4.94	\$3.943
Jul-18	2,709,111,000	2,805,244,664	96.57%	\$13,383,008.34	\$11,061,079.71	1,050,752	0.04%	96.61%	\$4.94	\$3.943
Aug-18	2,583,722,000	2,678,990,368	96.44%	\$12,763,586.68	\$10,563,259.02	914,357	0.03%	96.48%	\$4.94	\$3.943
Sep-18	2,263,628,000	2,346,754,816	96.46%	\$11,182,322.32	\$9,253,254.24	7,290,382	0.31%	96.77%	\$4.94	\$3.943
Oct-18	2,017,047,000	2,093,603,023	96.34%	\$9,964,212.18	\$8,255,076.72	1,036,179	0.05%	96.39%	\$4.94	\$3.943
Nov-18	1,855,424,000	1,909,236,300	97.18%	\$9,165,794.56	\$7,528,118.73	6,336,710	0.33%	97.51%	\$4.94	\$3.943
Dec-18	1,925,817,000	1,998,319,584	96.37%	\$9,513,535.98	\$7,879,374.12	999,888	0.05%	96.42%	\$4.94	\$3.943
Jan-19	1,948,234,000	2,017,316,439	96.58%	\$9,624,275.96	\$7,954,278.72	1,344,792	0.07%	96.64%	\$4.94	\$3.943
Feb-19	1,831,029,000	1,891,234,162	96.82%	\$9,045,283.26	\$7,457,136.30	392,723	0.02%	96.84%	\$4.94	\$3.943
Mar-19	1,933,958,000	1,993,121,626	97.03%	\$9,553,752.52	\$7,858,878.57	467,761	0.02%	97.06%	\$4.94	\$3.943
Apr-19	1,881,569,000	1,955,726,241	96.21%	\$9,294,950.86	\$7,711,428.57	5,802,627	0.30%	96.50%	\$4.94	\$3.943
May-19	2,081,843,000	2,147,990,870	96.92%	\$10,346,759.71	\$8,469,528.00	6,561,100	0.31%	97.23%	\$4.97	\$3.943
Jun-19	2,176,802,000	2,246,817,638	96.88%	\$10,818,705.94	\$8,931,100.11	434,900	0.02%	96.90%	\$4.97	\$3.975
Jul-19	2,639,452,000	2,714,539,721	97.23%	\$13,118,076.44	\$10,790,295.39	649,900	0.02%	97.26%	\$4.97	\$3.975
Aug-19	2,649,696,000	2,735,242,272	96.87%	\$13,168,989.12	\$10,872,588.03	638,420	0.02%	96.90%	\$4.97	\$3.975
Sep-19	2,206,442,000	2,264,715,472	97.43%	\$10,966,016.74	\$9,002,244.00	617,581	0.03%	97.45%	\$4.97	\$3.975
Oct-19	2,016,445,000	2,084,749,872	96.72%	\$10,021,731.65	\$8,286,880.74	1,204,331	0.06%	96.78%	\$4.97	\$3.975
Nov-19	1,915,266,000	1,976,465,358	96.90%	\$9,518,872.02	\$7,856,449.80	8,679,153	0.44%	97.34%	\$4.97	\$3.975
Dec-19	1,990,807,000	2,061,549,253	96.57%	\$9,894,310.79	\$8,194,658.28	4,646,824	0.23%	96.79%	\$4.97	\$3.975
Jan-20	1,982,608,000	2,040,353,072	97.17%	\$9,853,561.76	\$8,110,403.46	789,652	0.04%	97.21%	\$4.97	\$3.975
Feb-20	1,871,298,000	1,913,980,302	97.77%	\$9,300,351.06	\$7,608,055.65	978,927	0.05%	97.82%	\$4.97	\$3.975
Mar-20	1,957,293,000	2,014,856,325	97.14%	\$9,727,746.21	\$8,009,053.89	697,896	0.03%	97.18%	\$4.97	\$3.975
Apr-20	1,863,825,000	1,911,777,366	97.49%	\$9,263,210.25	\$7,599,315.03	271,200	0.01%	97.51%	\$4.97	\$3.975
May-20	2,084,924,000	2,141,838,951	97.34%	\$10,362,072.28	\$8,513,809.83	376,100	0.02%	97.36%	\$4.97	\$3.975
Jun-20	2,522,634,000	2,596,146,493	97.17%	\$12,537,490.98	\$10,571,508.52	731,078	0.03%	97.20%	\$4.97	\$4.072
Jul-20	2,782,507,000	2,872,440,835	96.87%	\$13,829,059.79	\$11,696,579.08	647,000	0.02%	96.89%	\$4.97	\$4.072
Aug-20	3,078,522,000	3,180,137,701	96.80%	\$15,300,254.34	\$12,949,520.72	3,694,350	0.12%	96.92%	\$4.97	\$4.072
Sep-20	2,427,570,000	2,510,646,051	96.69%	\$12,065,022.90	\$10,223,350.72	1,148,848	0.05%	96.74%	\$4.97	\$4.072
Oct-20	2,143,671,000	2,203,255,879	97.30%	\$10,654,044.87	\$8,971,657.94	748,000	0.03%	97.33%	\$4.97	\$4.072
Nov-20	1,897,985,000	1,957,960,123	96.94%	\$9,432,985.45	\$7,972,813.62	200,026	0.01%	96.95%	\$4.97	\$4.072
Dec-20	1,955,711,000	2,027,160,874	96.48%	\$9,719,883.67	\$8,254,599.08	348,955	0.02%	96.49%	\$4.97	\$4.072
Jan-21	1,988,344,000	2,040,857,402	97.43%	\$9,882,069.68	\$8,310,371.34	205,828	0.01%	97.44%	\$4.97	\$4.072
Feb-21	1,915,366,000	1,971,858,620	97.14%	\$9,519,369.02	\$8,029,408.30	290,224	0.01%	97.15%	\$4.97	\$4.072
Mar-21	1,986,888,000	2,055,661,022	96.65%	\$9,874,833.36	\$8,370,651.68	512,237	0.02%	96.68%	\$4.97	\$4.072
Apr-21	1,959,759,000	2,010,756,459	97.46%	\$9,740,002.23	\$8,187,800.30	1,013,926	0.05%	97.51%	\$4.97	\$4.072
May-21	2,331,364,000	2,401,447,849	97.08%	\$11,586,879.08	\$9,778,695.64	1,625,835	0.07%	97.15%	\$4.97	\$4.072
Jun-21	2,646,312,000	2,727,518,236	97.02%	\$13,152,170.64	\$11,226,465.06	872,815	0.03%	97.05%	\$4.97	\$4.116
Jul-21	2,661,520,000	2,750,318,994	96.77%	\$13,227,754.40	\$11,320,312.98	772,815	0.03%	96.80%	\$4.97	\$4.116
Aug-21	2,736,795,000	2,818,422,046	97.10%	\$13,601,871.15	\$11,600,625.14	458,555	0.02%	97.12%	\$4.97	\$4.116
Sep-21	2,616,212,000	2,698,022,374	96.97%	\$13,002,573.64	\$11,105,060.09	1,237,080	0.05%	97.01%	\$4.97	\$4.116
Oct-21	2,128,141,000	2,179,013,387	97.67%	\$10,576,860.77	\$8,968,819.10	396,147	0.02%	97.68%	\$4.97	\$4.116
Nov-21	1,896,311,000	1,961,815,221	96.66%	\$9,424,665.67	\$8,074,831.45	462,613	0.02%	96.68%	\$4.97	\$4.116
Dec-21	1,950,793,000	2,010,917,641	97.01%	\$9,695,441.21	\$8,276,937.01	382,031	0.02%	97.03%	\$4.97	\$4.116
Jan-22	2,046,043,000	2,110,214,643	96.96%	\$10,168,833.71	\$8,685,674.26	621,078	0.03%	96.99%	\$4.97	\$4.116
Feb-22	1,879,376,000	1,935,513,559	97.10%	\$9,340,498.72	\$7,966,573.81	247,750	0.01%	97.11%	\$4.97	\$4.116
TOTALS (1)	852,907,977,798	877,558,909,703	97.19%	\$1,984,073,003.11	\$1,760,159,584.26	845,650,149	0.10%	97.29%	\$2.33	\$2.006

(1) - SINCE MAY 1, 1992

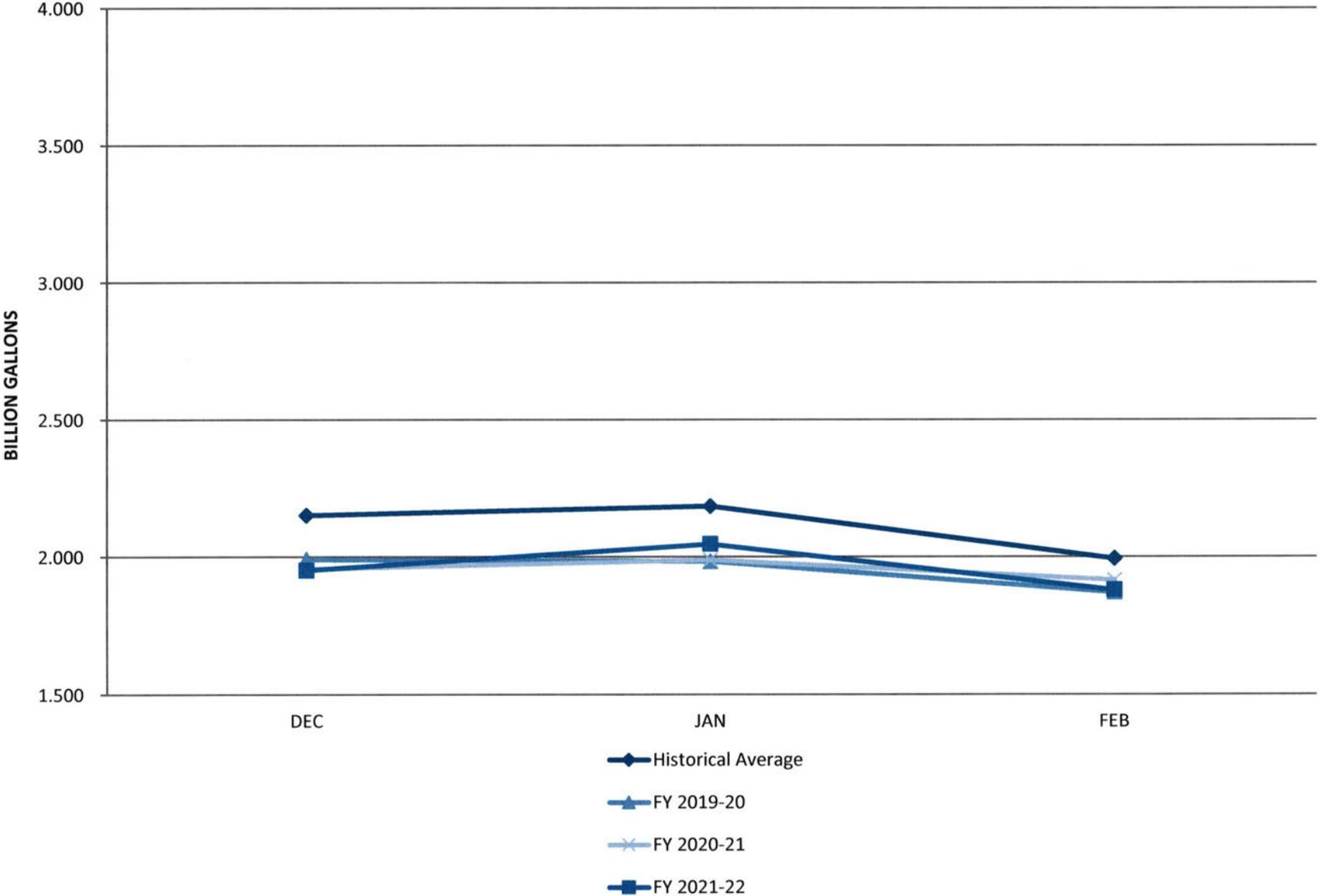
(2) - REPRESENTS DU PAGE PUMP STATION, METER TESTING AND CONSTRUCTION PROJECT USAGE

(3) - DOES NOT INCLUDE FIXED COST PAYMENTS

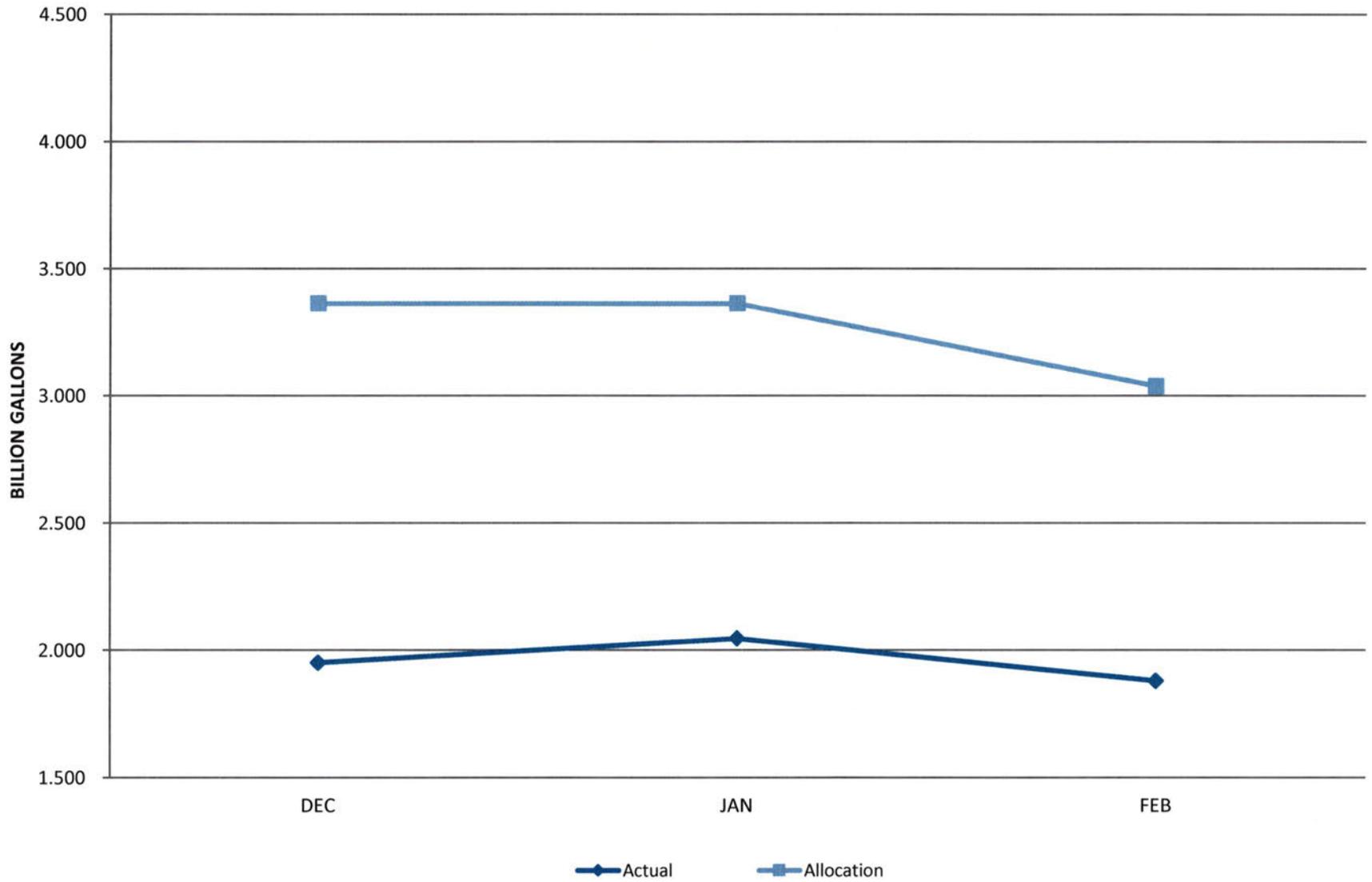
YTD

Feb-21	22,797,234,000	23,502,302,929	97.00%	113,302,253	95,493,619			\$4.97	\$4.063
Feb-22	22,892,867,000	23,593,203,950	97.03%	113,777,549	97,003,995			\$4.97	\$4.112
	95,633,000	90,901,021		\$475,296	\$1,510,375				
	0.4%	0.4%		0.4%	1.6%				
Month									
Feb-21	1,915,366,000	1,971,858,620	97.14%	9,519,369	8,029,408			\$4.97	\$4.072
Feb-22	1,879,376,000	1,935,513,559	97.10%	9,340,499	7,966,574			\$4.97	\$4.116
	(35,990,000)	(36,345,061)		(\$178,870)	(\$62,834)				
	-1.9%	-1.8%		-1.9%	-0.8%				
Feb>Jan	(166,667,000)	(174,701,084)		(828,335)	(719,100)				

# DU PAGE WATER COMMISSION SALES FY 2021-22, 2020-21 & 2019-20 VS. HISTORICAL AVERAGE



## DU PAGE WATER COMMISSION SALES FY 2021-22 VS. ALLOCATION



DATE: March 1, 2022

## REQUEST FOR BOARD ACTION

<b>AGENDA SECTION</b>	Finance Committee	<b>ORIGINATING DEPARTMENT</b>	Finance
<b>ITEM</b>	To approve the renewal of the contract with Arthur J. Gallagher for insurance brokerage services at the DuPage Water Commission	<b>APPROVAL</b>	
Account Number: 01-60-642100			
<p>This request would authorize the General Manager to approve the renewal of the additional 1 year option agreement with Arthur J. Gallagher (AJ Gallagher) for Insurance Brokerage Services at the DuPage Water Commission for a not to exceed amount of \$29,500 per year. The previously signed contract was a two-year contract that expires July 9, 2022.</p> <p>The Commission solicited for sealed proposals for brokerage services at the DuPage Water Commission in May 2020. Of the five companies that held copies of the Request for Proposals (RFP) document, four proposals were received. Of the four proposals received, the proposal of AJ Gallagher was found to be the most favorable bidder to the interests of the Commission.</p> <p>The Commission has been very satisfied with the services provided by AJ Gallagher.</p>			
<b>MOTION:</b> Authorization for the General Manager to approve the renewal of the additional 1 year option agreement with Arthur J. Gallagher for insurance brokerage services at the DuPage Water Commission			

# REQUEST FOR BOARD ACTION

<b>AGENDA SECTION</b>	Administration Committee <b>ORIGINATING DEPARTMENT</b> Pipeline
<b>ITEM</b> A Resolution Authorizing and Ratifying the Disposal of Certain Personal Property Owned by the DuPage Water Commission  Resolution No. R-18-22	<b>APPROVAL</b> 
<p>Account Number: N/A</p> <p>Resolution No. R-18-22 is a Resolution Authorizing and Ratifying the Disposal of Certain Personal Property Owned by the DuPage Water Commission. This Resolution authorizes the General Manager to dispose of the assets listed on Exhibit A to the Resolution because these assets are no longer useful to the Commission.</p> <p>The vehicle listed in Exhibit A will be listed up for auction at Obenauf Auction Service, Inc., an open to the public Government and Municipal Auction house serving the Midwest, Northern Illinois and Southern Wisconsin.</p> <p>Estimated value of the 2007 Ranger is \$6,200.00.</p> <p style="text-align: center;">Obenauf Auction Service, Inc. 810 Magna Drive Round Lake, IL. 60073 847-546-2095</p>	
<b>MOTION:</b> To adopt Resolution No. R-18-22	

DuPAGE WATER COMMISSION

RESOLUTION NO. R-18-22

A RESOLUTION AUTHORIZING AND RATIFYING  
THE DISPOSAL OF CERTAIN PERSONAL PROPERTY  
OWNED BY THE DuPAGE WATER COMMISSION

WHEREAS, the DuPage Water Commission is authorized to sell or otherwise dispose of personal property pursuant to 65 ILCS 5/11-135-6; and

WHEREAS, in the opinion of the Board of Commissioners of the DuPage Water Commission, the personal property described in Exhibit A attached hereto and by this reference incorporated herein and made a part hereof (the "Property") is no longer necessary or useful to or for the best interests of the DuPage Water Commission to retain or, if already disposed of, was not necessary or useful to or for the best interests of the DuPage Water Commission to retain.

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The Board of Commissioners of the DuPage Water Commission hereby finds and determines that the Property is no longer necessary or useful to the DuPage Water Commission and the best interests of the DuPage Water Commission will be served by its disposal or, if already disposed of, was not necessary or useful to the DuPage Water Commission and the best interests of the DuPage Water Commission were served by its disposal.

SECTION TWO: The General Manager is hereby authorized to dispose of the Property in such manner as the General Manager shall determine or, if already disposed

Resolution No. R-18-22

of, the Board of Commissioners of the DuPage Water Commission hereby ratifies and confirms its disposal.

SECTION THREE: This Resolution shall be in full force and effect from and after its adoption.

AYES:

NAYS:

ABSENT:

ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
Chairman

ATTEST:

\_\_\_\_\_  
Clerk

EXHIBIT A

OBSOLETE / DEFECTIVE ITEMS

Qty	VIN / Model / Serial Number	Description	Date Purchased	Cost
1	1FTZR45E67PA97425	2007 Ford Ranger	2007	*Estimated Value \$6,200.00

DATE: March 9, 2022

## REQUEST FOR BOARD ACTION

<b>AGENDA SECTION</b>	Engineering & Construction Committee	<b>ORIGINATING DEPARTMENT</b>	Operations
<b>ITEM</b>	A Resolution Awarding two Contracts for 36-Month Maintenance, Parts and Repair Service for Large Water Pumps at the DuPage Pumping Station.  Resolution No. R-14-22	<b>APPROVAL</b>	

Account Number: 01-60-662100

In accordance with R-5-22, the Commission solicited sealed proposals for 36-Month Maintenance, Parts and Repair Service for Large Water Pumps at the DuPage Pumping Station by direct invitation, as well as by notice published in the *Chicago Tribune* on February 1 & 16, 2022 and by posting notice of the solicitation on the Commission's website starting February 4, 2022 and ending on March 4, 2022. Sealed proposals were received until 01:00 P.M., local time, March 4, 2022, at which time all proposals were publicly opened and read aloud.

Of the seven (7) companies that held copies of the Request for Proposals (RFP) document, two (2) proposals were received (see tabulation below). Of the two (2) proposals received, the proposal of Midwest Service Center was found to be the lowest responsible bidder and most favorable to the interests of the Commission, while the proposal of Superior Industrial Equipment was found to be the second lowest responsible bidder and second most favorable to the interests of the Commission.

Company	Price
Midwest Service Center	\$387,465.00
Superior Industrial Equipment	\$525,648.00

Staff recommends awarding contracts to the two (2) lowest responsible bidders. The second lowest responsible bidder would be used in the event the lowest responsible bidder becomes incapable of providing service in a timely manner. The second lowest responsible bidder would also be used as needed for any Flowserve Mechanical Seal related sales and or services. The second lowest responsible bidder, Superior Industrial Equipment is the sole authorized sales and service provider for Flowserve Mechanical Seals. All nine (9) of the Commission's Large Water Pumps utilize Flowserve Mechanical Seals.

This contract included unit prices for maintenance, parts and repairs to be used on an as needed basis on the Commission's Large Water Pumps. This contract provides a 3 year unit price estimate for maintenance, parts and repair on the Commission's Large Water Pumps. The Large Water Pump repairs were recommended in the 2014/15 Condition Assessment.

Resolution No. R-14-22 would award contracts to the two (2) lowest responsible bidders, Midwest Service Center being the primary service provider and lowest responsive bidder and Superior Industrial Equipment being the secondary service provider and second lowest responsive bidder.

The proposed FY-22/23 Management Budget included \$400,000.00 in account 01-60-662100 under Pumping Services for High-Lift Pump Repair.

**MOTION:** To adopt Resolution No. R-14-22.

DuPAGE WATER COMMISSION

RESOLUTION NO. R-14-22

A RESOLUTION AWARDING TWO CONTRACTS FOR 36-MONTH MAINTENANCE,  
PARTS AND REPAIR SERVICE FOR LARGE WATER PUMPS

WHEREAS, on January 20, 2022, the DuPage Water Commission (the "Commission") adopted Resolution No. R-5-22 being "A Resolution Directing Advertisement for Bids on a Contract for 36-Month Maintenance, Parts and Repair Service for Large Water Pumps which authorized and directed the General Manager to advertise for bids in accordance with the requirements of 65 ILCS 5/11-135-5: and

WHEREAS, in full compliance with said Statute, the Commission duly advertised for bids for 36-Month Maintenance, Parts and Repair Service for Large Water Pumps; and

WHEREAS, based upon staffs review of the proposals received, and the staff's recommendation to the Board of Commissioners of the DuPage Water Commission, the Board of Commissioners has determined that that (a) the proposal of Midwest Service Center and the proposal of Superior Industrial Equipment are the most favorable and in the best interests of the Commission.

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The foregoing recitals are hereby incorporated herein as findings of the DuPage Water Commission.

SECTION TWO: The DuPage Water Commission hereby awards a contract for the 36-Month Maintenance, Parts and Repair Service for Large Water Pumps to Midwest Service Center and Superior Industrial Equipment, in accordance with their respective proposals, conditioned upon the receipt of all contractually required documentation.

Resolution No. R-14-22

SECTION THREE: This Resolution shall be in full force and effect from and after its adoption.

AYES:

NAYS:

ABSENT:

ADOPTED THIS \_\_\_ DAY OF \_\_\_\_\_, 2022.

\_\_\_\_\_  
Chairman

ATTEST:

\_\_\_\_\_  
Clerk

# REQUEST FOR BOARD ACTION

<b>AGENDA SECTION</b>	Omnibus Vote Requiring Super-Majority or Special Majority Vote	<b>ORIGINATING DEPARTMENT</b>	Pipeline
<b>ITEM</b>	A Resolution Approving and Ratifying Change Order 2 for Contract VAP-1/21, Valve Assessment Program, at the March 17, 2022 DuPage Water Commission Meeting  Resolution No. R-17-22	<b>APPROVAL</b> 	
<p>Account Numbers: 01-60-663100</p> <p>Resolution No. R-17-22 would approve the following Change Orders:</p> <p><b>Change Order No. 2 and FINAL to Contract for the Valve Assessment Program (Contract VAP-1/21).</b></p> <p>Approval of this Change Order would modify the Contract Completion Date to March 17, 2022 and revise Contract Price to \$26,315.00 for work completed to date. The Contractor was unable to fully perform work as described in the Contract Documents.</p> <p>Approval of this Change Order would provide authorization to the General Manager to release Final Payment, including release of all funds held in retainage upon delivery of all contractually required documentation.</p>			
<b>MOTION:</b> To approve Resolution No. R-17-22.			

DuPAGE WATER COMMISSION

RESOLUTION NO. R-17-22

A RESOLUTION APPROVING AND RATIFYING  
CHANGE ORDER 2 FOR CONTRACT VAP-1/21,  
VALVE ASSESSMENT PROGRAM, AT THE  
MARCH 17, 2022 DuPAGE WATER COMMISSION MEETING

BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The Change Orders set forth on Exhibit 1, attached hereto and by this reference incorporated herein and made a part hereof, shall be and hereby are approved and, if already issued, ratified because the Board of Commissioners of the DuPage Water Commission has determined, based upon the representations of staff and the Contractors, that the circumstances said to necessitate the changes were not reasonably foreseeable at the time the contracts were signed, the Change Orders are germane to the original contracts as signed and/or the Change Orders are in the best interest of the DuPage Water Commission and authorized by law.

SECTION TWO: This Resolution shall constitute the written determination required by Section 33E-9 of Article 33E of the Criminal Code of 1961 and shall be in full force and effect from and after its adoption.

AYES:

NAYS:

ABSENT:

ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
Chairman

ATTEST:

\_\_\_\_\_  
Clerk

Exhibit 1

Resolution No. R-17-22

Change Order No. 2 to the Contract for the Valve Assessment Program (Contract VAP-1/21) to Grant Final Acceptance of the Work completed to date and revise the Contract Price to \$26,315.00, and revise the Final Contract Completion Date to March 17, 2022.

DuPAGE WATER COMMISSION  
CHANGE ORDER

SHEET 1 OF 2

PROJECT NAME: Valve Assessment Program

CHANGE ORDER NO. 2

LOCATION: Cook County, Illinois

CONTRACT NO. VAP-1/21

CONTRACTOR: Valve Reconditioning Service

DATE: March 17, 2022

I. A. DESCRIPTION OF CHANGES INVOLVED:

1. Revision of the Contract Completion Date.
2. Reduction of the Contract Price.

B. REASON FOR CHANGE:

The Contractor was unable to fully perform work according to the Contract Specifications.

C. REVISION IN CONTRACT PRICE:

Net Decrease of \$109,495.00

II. CHANGE ORDER CONDITIONS:

1. The Contract Period established in the Contract, as signed or as modified by previous Change Orders, revises the Contract Completion Date to March 17, 2022.
2. Any Work to be performed under this Change Order shall be provided, performed, and completed in full compliance with, and as required by or pursuant to, the Contract, including any Specifications and Contract Drawings for the Work to be performed under this Change Order and for Work of the same type as the Work to be performed under this Change Order, and as specified in the preceding "Description of Changes Involved."
3. Unless otherwise provided herein, all Work included in this Change Order shall be guaranteed and warranted as set forth in, and Contractor shall not be relieved from strict compliance with, the guaranty and warranty provisions of the Contract.
4. All Work included in this Change Order shall be covered under the Bonds and the insurance coverages specified in the Contract. If the Contract Price, including this Change Order, exceeds the Contract Price set forth in the Contract, as signed, by twenty percent (20%), Contractor shall submit to Owner satisfactory evidence of such increased coverage under the Bonds if requested by Owner.



# REQUEST FOR BOARD ACTION

<b>AGENDA SECTION</b> Engineering & Construction Committee	<b>ORIGINATING DEPARTMENT</b> Instrumentation/ Remote Facilities				
<b>ITEM</b> A Resolution Approving and Ratifying Certain Work Authorization Orders Under Quick Response Electrical Contract QRE-9/20 at the March 17, 2022, DuPage Water Commission Meeting  Resolution No. R-19-22	<b>APPROVAL</b> 				
<p>Account Numbers: 01-60-663300 (Estimated Cost \$14,925.00)</p> <p>The Commission entered into certain agreements dated January 21, 2021, with McWilliams Electric Co. Inc., FSG Electric Inc. and Courtesy Electric Inc. for quick response electrical work as needed through the issuance of Work Authorization Orders. Resolution No. R-19-22 would approve the following Work Authorization Order under the Quick Response Electrical Contract.</p> <p><b>Work Authorization Order No. 011:</b> This work authorization is for Courtesy Electric Inc., on February 22, 2022, the Commission is remodeling the Instrumentation and Remote Facilities (IRF) Offices and found a lack of permanent data connections that are needed. Courtesy Electric was asked to install ten new ethernet runs from the server room to the IRF office and install additional conduit for future expansion for data, phone, and security. Courtesy Electric was mobilized on site finishing up other QRE work and were utilized to complete this work. The proposal for this work is listed in the table below:</p> <table border="1" data-bbox="332 1465 1268 1629"> <tr> <td>Furnish and Install (2) 2" Conduit</td> <td rowspan="3" style="text-align: center; vertical-align: middle;">\$14,925.00</td> </tr> <tr> <td>Furnish, install, and terminate (10) CAT6 cables</td> </tr> <tr> <td>Properly install data connection between offices</td> </tr> </table> <p>Due to the time sensitive nature of the work, QRE No. 011 was authorized prior to board approval.</p> <p>Approval of Resolution R-19-22 would approve Work Authorization Order No. 011 to Courtesy Electric Inc. to cover the invoice cost of \$14,925.00.</p> <p><b>MOTION:</b> To adopt Resolution No. R-19-22.</p>		Furnish and Install (2) 2" Conduit	\$14,925.00	Furnish, install, and terminate (10) CAT6 cables	Properly install data connection between offices
Furnish and Install (2) 2" Conduit	\$14,925.00				
Furnish, install, and terminate (10) CAT6 cables					
Properly install data connection between offices					

DUPAGE WATER COMMISSION

RESOLUTION NO. R-19-22

A RESOLUTION APPROVING AND RATIFYING  
CERTAIN WORK AUTHORIZATION ORDERS  
UNDER QUICK RESPONSE ELECTRICAL CONTRACT QRE-9/20  
AT THE MARCH 17, 2022, DUPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into certain agreements dated January 21, 2021, with McWilliams Electric Co. Inc., FSG Electric Inc. and Courtesy Electric Inc. for quick response electrical work related to the Commission's Waterworks System (said agreements being hereinafter collectively referred to as "Contract QRE-9/20"); and

WHEREAS, Contract QRE-9/20 is designed to allow the Commission to direct one or more or all of the quick response electrical contractors to perform emergency electrical work, including without limitation electrical work that the Commission is unable to perform through its own personnel and with its own equipment, as needed through the issuance of Work Authorization Orders;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The foregoing recitals are by this reference incorporated herein and made a part hereof as findings of the Board of Commissioners of the DuPage Water Commission.

SECTION TWO: The Work Authorization Orders attached hereto and by this reference incorporated herein and made a part hereof as Exhibit 1 shall be and hereby are approved and, if already issued, ratified because the Board of Commissioners of the

Resolution No. R-19-22

DuPage Water Commission has determined, based upon the representations of staff, that the circumstances said to necessitate the Work Authorization Orders were not reasonably foreseeable at the time the contracts were signed, the Work Authorization Orders are germane to the original contracts as signed, and/or the Work Authorization Orders are in the best interest of the DuPage Water Commission and authorized by law.

SECTION THREE: This Resolution shall constitute the written determination required by Section 33E-9 of the Criminal Code of 1961 and shall be in full force and effect from and after its adoption.

AYES:

NAYS:

ABSENT:

ADOPTED this \_\_\_\_ day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
Chairman

ATTEST:

\_\_\_\_\_  
Clerk

Exhibit 1

**WORK AUTHORIZATION ORDER**

**CONTRACT QRE-9/20: QUICK RESPONSE ELECTRICAL CONTRACT**

**PROJECT: QRE-9.011**

**LOCATIONS:**

DuPage Pump Station: 600 E. Butterfield Rd, Elmhurst

**CONTRACTOR:**

Courtesy Electric Inc.

**DESCRIPTION OF WORK:**

DuPage Pump Station:

- Furnish and install (2) 2" EMT conduits approximately 80' from the junction box below the data racks. Conduit #1 will have (10) Cat6 cables and a pull string, and conduit #2 will have just a pull string.
- Furnish and install (3) voice/data drops in the office area—each drop with (3) cables.
- Furnish and install (1) new Cat6 from data rack back to WAP in Meter Shop. Furnish and install conduit as needed in garage area.
- Provide relocation of voice/data cabling in Hector's office adjacent to the Meter Shop.

**REASON FOR WORK:**

The Commission is remodeling the Instrumentation and Remote Facilities (IRF) Offices and found a lack of permanent data connections that are needed. Courtesy Electric was asked to install ten new ethernet runs from the server room to the IRF office and install additional conduit for future expansion for data, phone, and security.

**MINIMUM RESPONSE TIME:**

None

**COMMISSION-SUPPLIED MATERIALS, EQUIPMENT  
AND SUPPLIES TO BE INCORPORATED INTO THE WORK:**

None

**THE WORK ORDERED PURSUANT TO THIS WORK AUTHORIZATION ORDER**

IS  IS NOT PRIORITY EMERGENCY WORK

**SUBMITTALS REQUESTED:**

None

Resolution No. R-19-22

**SUPPLEMENTARY NOTIFICATION OF POTENTIALLY HAZARDOUS CONDITIONS:**

None

**SUPPLEMENTARY CONTRACT SPECIFICATIONS AND DRAWINGS:**

None

**SHEET 2 OF 2**

**DUPAGE WATER COMMISSION**

By: \_\_\_\_\_  
Signature of Authorized  
Representative

DATE: \_\_\_\_\_

**CONTRACTOR RECEIPT ACKNOWLEDGED AND DESIGNATION OF SAFETY REPRESENTATIVE:**

By: \_\_\_\_\_  
Signature of Authorized  
Representative

Safety Rep: \_\_\_\_\_  
Name and 24-Hr Phone No.

DATE: \_\_\_\_\_

DATE: March 10, 2022

## REQUEST FOR BOARD ACTION

<b>AGENDA SECTION</b>	Engineering & Construction Committee	<b>ORIGINATING DEPARTMENT</b>	Facilities Construction
<b>ITEM</b>	A Resolution Approving a Fourth Amendment to Task Order No. 3 under a Master Contract with Greeley and Hansen at the March 17, 2022, DuPage Water Commission Meeting  Resolution No. R-20-22	<b>APPROVAL</b>	
Account No.: 01-60-722300 - \$673,400.00			
<p>On April 16, 2020, the Commission approved R-18-20, Task Order No. 3, with Greeley and Hansen for Study and Report on the Feasibility of Emergency Generation System Modifications at the DuPage Pumping Station.</p> <p>On September 17, 2020 the Commission approved R-36-20, the 1<sup>st</sup> Amendment to Task Order No. 3 to have Greeley and Hansen utilize their expertise to guide Staff and provide the necessary technical information on the Commission's generator exhaust to enable Staff to comply with revisions to IEPA Air Quality Permitting requirements.</p> <p>On January 21, 2021 the Commission approved R-7-21, the 2<sup>nd</sup> Amendment to Task Order No. 3 to add Design Services and Bidding Services to the Task Order, and revising the cost at a not-to-exceed amount of \$602,396.00.</p> <p>On September 16, 2021 The Commission approved R-45-21-22, the 3<sup>rd</sup> Amendment to Task Order No. 3 to include additional Design Services to the Design Phase Services of the Task Order, and revising the cost at a not-to-exceed amount to \$634,225.00.</p> <p>As Staff prepares the project documents to let for bids, this Task Order Amendment will provide Project Management and Construction Phase Services at the negotiated cost of the additional services at \$673,400.00, for a revised cost not-to-exceed \$1,307,625.00, and also includes a revision to align the scheduled work to coincide with the timing of the construction activities.</p>			
<b>MOTION:</b> To adopt Resolution No. R-20-22.			

DUPAGE WATER COMMISSION

RESOLUTION NO. R-20-22

A RESOLUTION APPROVING A FOURTH AMENDMENT TO TASK ORDER NO. 3  
UNDER A MASTER CONTRACT WITH GREELEY AND HANSEN  
AT THE MARCH 17, 2022  
DUPAGE WATER COMMISSION MEETING

WHEREAS, the DuPage Water Commission (the "Commission") entered into a contract with Greeley and Hansen (the "Consultant") to provide, from time to time, professional engineering services in connection with various projects of the Commission (the "Master Contract"); and

WHEREAS, the Master Contract sets forth the terms and conditions pursuant to which the Commission will obtain from time to time, and the Consultant will provide from time to time, professional engineering services for such discrete projects as are delineated and described in Task Orders to be approved by the Commission and the Consultant; and

WHEREAS, pursuant to Resolution No. R-18-20, the Commission approved Task Order No. 3 to the Master Contract for Professional Engineering Services for the DuPage Water Commission; and

WHEREAS, The Commission and Consultant entered into a First Amendment to Task Order No. 3, approved pursuant to Resolution No. R-36-20, adopted on September 17, 2020 to add IEPA Air Quality Permitting assistance, and increase the not-to-exceed cost of the services; and

WHEREAS, The Commission and Consultant entered into a Second Amendment to Task Order No. 3, approved pursuant to Resolution No. R-7-21, adopted on January

21, 2021 to add Design and Bidding Services, and increase the not-to-exceed cost of the services; and

WHEREAS, The Commission and Consultant entered into a Third Amendment to Task Order No. 3, approved pursuant to Resolution No. R-45-21, adopted on September 16, 2021 to add to the scope of Design Services, and increase the not-to-exceed cost of the services; and

WHEREAS, the Commission and Consultant desire to further amend Task Order No. 3 to the Master Contract to add Construction Services to the scope and to increase the not-to-exceed of the services, the Board of Commissioners of the DuPage Water Commission hereby finding and determining, based upon the representations of Staff and Consultant that the circumstances said to necessitate the changes were not reasonably foreseeable at the time Task Order No. 3 was signed, the changes are germane to the Task Order as signed, and/or the changes are in the best interest of the DuPage Water Commission and authorized by law; and

WHEREAS, the Consultant has approved the Fourth Amendment to Task Order No. 3 attached hereto and by this reference incorporated herein and made a part hereof as Exhibit 1;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The foregoing recitals are incorporated herein and made a part hereof as findings of the Board of Commissioners of the DuPage Water Commission.

SECTION TWO: The Fourth Amendment to Task Order No. 3 attached hereto as Exhibit 1 shall be and hereby is approved.

SECTION THREE: This Resolution shall constitute the written determination required by Section 33E-9 of Article 33E of the Criminal Code of 1961 and shall be in full force and effect from and after its adoption.

AYES:

NAYS:

ABSENT:

ADOPTED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2022.

\_\_\_\_\_  
Chairman

ATTEST:

\_\_\_\_\_  
Clerk

Board/Resolutions/R-20-22.doc

EXHIBIT 1

## FOURTH AMENDMENT TO TASK ORDER NO. 3

In accordance with Section 1.1 of the Master Contract between the DuPage Water Commission (“Owner”) and Greeley and Hansen (“Consultant”), for Professional Engineering Services dated June 19, 2013 (the “Contract”), Owner and Consultant agree to amend, effective March 18, 2022, Task Order No. 3 to the DuPage Water Commission’s Emergency Generation System Modifications at the DuPage Pumping Station, as previously amended by a First Amendment dated as of September 17, 2020 and as previously amended by a Second Amendment dated as of January 22, 2021 and as previously amended by a Third Amendment dated as of September 16, 2021 (collectively Task Order No. 3) as follows:

1. **Project:**

Engineering services in connection with the DuPage Water Commission’s Emergency Generation System Modifications, based upon Greeley and Hansen’s proposal dated March 5, 2020, and Design and Bidding Services based upon Greeley and Hansen’s Emergency Generation System Modifications Technical Memorandum dated November 2020, as modified by Greeley and Hansen’s proposal dated August 24, 2021 and as modified by Greeley and Hansen’s proposal dated March 4, 2022:

2. **Services of Consultant:**

Section 2, entitled “Services of Consultant,” of Task Order No. 3 shall be amended in its entirety so that said Section 2 shall hereafter be and read as follows:

“A. Basic Services:

1. **Study and Report Phase.** The Consultant shall review the existing documents provided by the Commission, conduct field investigations and staff interviews as required and determine the full scope of work for improvements to the emergency power systems and associated work needed. Minimally this work shall include:
  - a. Investigate the existing: Emergency Generation System, Fuel Management System, Generator Controls, Electrical Systems, HVAC Systems, Architectural and Structural Elements, and review the accompanying available documents.
  - b. Evaluate and propose complete systems including but not limited to new or repurposed generators and automatic controls to ensure all current power requirements are met.
  - c. Prepare preliminary sketches to confirm the new generators will fit in the spaces available including all architectural, structural, and mechanical elements

- d. Investigate current air pollution control (APC) permitting and any additions or modifications to APC permitting.
- e. Upon completion of the preliminary study, prepare a report including such graphs, tables, drawings, and text as are necessary to describe each of the alternatives studied and the conclusions reached. The report should also include a summary of pertinent facts, including an opinion of probable cost for each alternative studied and a recommended course of action based upon the results of the alternatives studied.
- f. Provide seven (7) paper copies and one (1) PDF copy of the draft report for review and approval by Owner and review them in person with Owner.

B. Preliminary Design Phase:

1. **Preliminary Design Phase.**

- a. Meet with Owner to review the general scope, extent and character of the Project described in the Technical Memorandum that includes:

Civil - Demolish and replace the existing Portable Generator Slab and replace existing concrete pavement as required.

Architectural - Expand the footprint of Generator Room (C-101); demolish the existing east wall of Room C-101 to create one open space inclusive of the existing room and new addition; construct a new 1,000 square foot room addition to match the height, width and aesthetics of the existing space; and construct a new enclosed three story stair tower to provide access to the roof of Building B and C to increase ease of maintenance;

Generator - Install new fuel piping to the relocated generator; and provide new generator exhaust stack.

Mechanical - Modify the existing ring plenum to extend to the eastern wall of the addition; install new louvers and penthouse to meet radiator exhaust and combustion air requirements; reconfigure the existing and new penthouse louvers to compensate for the wall louver area lost to the new stairwell; HVAC modifications to allow the existing east wall of Room C-101 to be demolished; and HVAC modifications to the systems serving Rooms A-101, B-105, and B-106.

Plumbing - Modifications of the sanitary and roof drain system to accommodate the new building layout; relocation of equipment to accommodate the new building layout; and

installation of a new emergency eye wash shower.

Fire Protection - Extension of the existing Deluge fire protection system.

Electrical - Permanently install the existing Tier 2 generator within Building C; relocate the existing ductbank for Utility Service 3; provide electrical service to relocated and new equipment and install new lighting as required; extend the access control system and fire and other alarm indicators as required; and update lightning protection and grounding systems for relocated generator.

Instrumentation - Interface the Generator Control Panels to the Generator Building PLC to allow additional information to be conveyed to the Commission Pumping Station SCADA system; integrate Generator Unit and MVSWGR battery charging control systems; replace the Master Generator PLC and integrate the recommended PLC programming updates that include but are not limited to: evaluate existing starting and stopping sequences and revise code as needed to include the fifth generator as a permanent generator; provide Commission staff the ability to specify generator sequencing such that engine run-time can be more evenly distributed across all generators; provide the ability to automatically evenly distribute engine run-time by starting the engine with the lowest run-time first and stopping the same engine last. Replace the Generator Control System operator interface terminal (OIT) and update the graphics to improve the readability and provide a new, dedicated Fuel Management System and replace the existing Environmental Monitoring System.

Additional Services: Removal of large double door and exterior wall infill in Disinfection Building Room 124; Extend HVAC system to the Generator Control Room; Development of a Commissioning Specification; Addition of wall hydrants for upper and lower roofs; Alternative UPS Power to Generator Breakers; Addition of pull boxes/conduit for future surveillance system expansion; and retrofit of existing generator controls in switchgear to CAT.

- b. Prepare preliminary design documents consisting of drawings, specifications in CSI format, a written description of the Project and other documents appropriate for Project. Seventy (70) drawings and one hundred and twenty (120) specifications are assumed.
- c. Furnish three (3) bound paper copies and one (1) portable document format (PDF) copy of the Preliminary Design Documents, together with Consultant's opinion of probable

Construction Cost of the Project, for review and approval by Owner, and review them with Owner.

- d. One (1) kickoff meeting and site visit is assumed in person with key team members.
- e. Six (6) progress meetings will be held virtually with the Commission's project manager, Greeley and Hansen project manager, and appropriate other team members.
- f. Other design meetings will be held virtually with the Commission staff and Greeley and Hansen team.

C. **Final Design Phase.**

- 1. On basis of accepted Preliminary Design Documents and the revised opinion of probable Project Costs and Construction Cost of the Project, prepare, final drawings, and specifications for incorporation in the construction contract documents. Such drawings and specifications shall show the general scope, extent and character of the work to be furnished and performed by the construction contractor.
- 2. Assist Owner by providing all required criteria, descriptions and design data and consulting with officials and Owner to obtain permits and to prepare other bidding/negotiation and construction contract documents. Two (2) meetings with IEPA are assumed.
- 3. Furnish three (3) bound paper copies and one (1) portable document format (PDF) copy of the drawings and specifications, together with Consultant's revised opinion of probable Construction Cost of the Project, based upon the drawings and specifications and the other bidding/negotiation and construction contract documents, for review and approval by Owner, and review them in person with Owner.

D. **Bidding Phase.**

- 1. Assist Owner in advertising for and obtaining bids. Maintain a record of prospective bidders to whom bidding documents have been issued.
- 2. Issue addenda as appropriate and approved by Owner. Assuming two (2) addenda.
- 3. Consult with and advise Owner as to the acceptability of contractors, subcontractors, suppliers and other persons if

such acceptability is required by the construction contract documents.

4. Consult with Owner as to acceptability of proposed substitute materials and equipment. Assuming two (2) substitute reviews.
5. Attend one (1) bid opening, prepare bid tabulation sheets, and assist Owner in evaluating bids or proposals and in assembling and awarding construction contracts.”

E. **Construction Services Phase, here in general, and as per detailed Greeley and Hansen Proposal dated March 4, 2022:**

1. Furnish advice and consulting services during the construction period.
2. Review, return and comment on shop drawings and other equipment drawings furnished by contractors for materials and equipment to be incorporated into the work. Submittals shall be returned within 30 days of receipt by Consultant.
3. Consult and advise on the interpretation of the construction contracts.
4. Consultant shall, when requested, submit recommendations on proposed change orders.
5. Schedule and attend preconstruction conference and promptly prepare and circulate minutes thereof to all participants.
6. Maintain files of correspondence, reports of job conferences, field orders, addenda, change orders, shop drawings, samples, progress reports, product data, submittals, handbooks, operations and maintenance manuals, instructions and other project-related documents.
7. Utilizing drawings submitted by Contractor and/or Owner, prepare preliminary drawings of record and submit in Portable Document File (PDF) format to Owner within 90 days from the completion of the construction contract. Submit final drawings of record to Owner in AutoCad 14 and Portable Document File (PDF) format within 120 days from the completion of the construction contract.”

3. **Completion Date:**

Section 5, entitled "Completion Date," of Task Order No. 3 shall be amended in its entirety so that said Section 5 shall hereafter be and read as follows:

"5. Completion Date:

- A. Study and Report Phase: 90 days following the Commencement Date plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.
- B. Preliminary Design Phase: 90 days following the Commencement Date plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.
- C. Final Design Phase: 180 days following issuance of Notice to Proceed by Owner plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.
- D. Bidding Phase: 90 days following issuance of Notice to Proceed by Owner plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.
- E. Construction Phase: 270 days following issuance of Notice to Proceed by Owner plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

\* Days exclude Owner's Review Periods"

4. **Contract Price:**

Section 8, entitled "Contract Price" of Task Order No. 3 shall be amended in its entirety so that said Section 8 shall hereafter be and read as follows:

"8. Contract Price:

For providing, performing, and completing each phase of Services, an amount equal to Consultant's Direct Labor Costs times the following factor set forth opposite each such phase, plus an amount equal to the actual costs of all Reimbursable Expenses, but not to exceed, in each phase of Services, the following not to exceed amount set forth opposite each such phase except as adjusted by a Change Order issued pursuant to Section 2.1 of the Contract:

<u>Phase</u>	<u>Not to Exceed</u>
Study and Report	\$84,397
Preliminary Design	\$228,948
Final Design	\$304,348
Bidding	\$15,595
Other Direct Costs (ODC)	\$937
<i>Construction Phase Services</i>	<u>\$673,400</u>
<i>Total All Phases</i>	<i>\$1,307,625</i>

Notwithstanding the foregoing, the total Contract Price shall be increased by \$673,400.00 to a total not to exceed sum of \$1,307,625.00. The contact price maybe adjusted by a Change Order issued pursuant to Section 2.1 of the Contract.”

In all other respects, Task Order No. 3 to the Contract shall remain in full force and effect, and Task Order No. 3 to the Contract shall be binding on both parties as hereinabove amended.

The Effective Date of this Task Order is March 18, 2022.

DUPAGE WATER COMMISSION

By: \_\_\_\_\_

Terrance McGhee  
Interim Manager of Water Operations

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: R. Christopher Bostick  
Title: Facilities Construction Supervisor/Safety Coordinator  
Address: 600 East Butterfield Road, Elmhurst, Illinois 60126-4642  
E-mail Address: bostick@dpwc.org  
Phone: (630) 834-0100  
Fax: (630) 834-0120

GREELEY AND HANSEN LLC

By: \_\_\_\_\_

Joe Dinkel, P.E.  
Manager, MEPIC Group

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Glen Johnson  
Title: Project Manager  
Address: 100 S Wacker Dr., Chicago, IL 60606  
E-mail Address: gjohnson@greeley-hansen.com  
Phone: (312) 489-3065  
Fax: (312) 558-1006



**GREELEY AND HANSEN**

100 S. Wacker Drive, Suite 1400  
Chicago, Illinois 60606  
p 312 558 9000  
f 312 558 1986  
www.greeley-hansen.com

March 4, 2022

DuPage Water Commission  
Mr. Chris Bostick  
Facilities Construction Supervisor/Safety Coordinator  
600 E. Butterfield Road  
Elmhurst, IL 60126

Subject: Proposed Fourth Amendment to Task Order No. 3 for Design Services During Construction for the DuPage Emergency Generation System Modifications Project PSD 10-22

Dear Mr. Bostick:

Thank you for requesting this additional scope of services for the Emergency Generation System Modifications Project via a Fourth Amendment to Task Order No. 3.

Greeley and Hansen will invoice via two methods. The Project Management time will be billed as a lump sum value on an equal amount monthly basis for the project duration planned for 108 weeks. All other work shall be billed on a time and material basis. The values established in this amendment are the maximum not to exceed values for the work, unless modified by an additional amendment.

This amendment is for Design Services during Construction (DSDC) for the project are detailed in Attachments A and B and are summarized in the following table:

<u>Proposed Change Order Description</u>	<u>Total Hours</u>	<u>Not to Exceed (\$)</u>
Design Team Progress Meetings and Site Visits	180	\$31,072
Review of Shop Drawings	972	\$153,455
Technical Support Activities	666	\$117,397
Project Management Services	216	\$41,404
Resident Engineering Services (108-week duration)	1,440	\$272,160
<b>SUB-TOTAL</b>		<b>\$615,488</b>
Sub-Consultants		<b>\$43,965</b>
Reimbursables		<b>\$13,947</b>
<b>TOTAL</b>		<b>\$673,400</b>

Greeley and Hansen will provide rates for all staff billed under the time and material invoicing

Fees are based on a 108-week duration for project completion, including mobilization, construction, and project close out after the Notice to Proceed.

Please review and approve each item for inclusion in the amendment. Please call if you should have any questions or concerns. It has been a pleasure working with you.

Yours very truly,

Greeley and Hansen LLC

Glen Johnson, P.E.

*Project Manager, Associate*

c: Andy Martin, Joe Dinkel, file

Attachment A – Scope of Services

Attachment B – Design Services During Construction Fee Table

GDJ/gdj

## ATTACHMENT A

### SCOPE OF SERVICES

#### Construction Services Schedule

The Construction Services Schedule is assumed to be twenty-seven (27) months or one hundred and eight (108) weeks in duration, starting in 2022 and concluding in 2024. The Schedule is comprised on three (3) phases as following:

- Mobilization – Twelve (12) weeks
- Construction – Eighty-four (84) weeks of construction.
- Closeout – Twelve (12) weeks following substantial completion.

#### Design Team Progress Meetings and Site Visits

- b. Pre-Construction Meetings: Attend and participate in a pre-construction meeting with DuPage Water Commission (DWC) and the Contractor. Twelve (12) hours are assumed and will include preparation, attendance and post-meeting follow-up work. The meeting will be attended by the Project Director and Project Manager.
  - Deliverables – A draft meeting summary will be prepared and distributed within five (5) business days of the pre-construction meeting. A final meeting summary will be distributed within 10 business days of the draft meeting summary distribution.
- c. Construction Progress Meetings: Attend progress meetings as requested by DWC during the 84-week construction period to guide the submittal process by the Contractor and support contractor coordination. The budget for design staff is established to allow attendance at one-quarter of the eighty-four (84) progress meetings, or twenty-one (21) meetings. Four (4) hours per meeting are assumed,
  - Deliverables will include preparation, attendance, and post meeting follow-up work.
- d. Site Visits: At the request of DWC, design staff will provide site inspections before or after the progress meetings to review construction progress and current field conditions. The will used for providing input for reviewing shop drawings and responding to Contractor Requests for Information (RFI). The budget for design staff is established at four (4) hours per site visit which are assumed to be associated with one-quarter of the progress meeting. This totals twenty-one (21) site visits and post site visit follow-up work.
  - Deliverables will include preparation, attendance, and post meeting follow-up work.

#### Review of Shop Drawings

- a. Submittal/ Shop Drawing Review: Review shop drawing and other construction-specific submittals that support the Contractor's efforts to achieve conformance with the design

intent. Review of submittals will be as directed by DWC. The task will include: an evaluation of the submittal for completeness; review of the submittal with the associated specifications and drawings; preparation any comments and a recommendation of acceptance (dispensation). The dispensation will generally have one of the following responses: no further comment; rejected; revise and resubmit; revised as noted; for information only; or review and evaluate follow-up material. Any reviews after the second review will be additional scope that is paid for by the contractor and the contractor will be notified by the Owner's representative that the additional reviews are to be compensated under their contract. An average of five (5) hours per submittal are assumed for the first review, and an average of two (2) hours are assumed for the second review. The estimated number for establishing this budget is review of 162 submittals on the first round, (810 hours) with 81 reviews requiring a second review (162 hours). The total number of hours for this effort is 972 hours.

- Deliverables – A dispensation will be prepared for each shop drawing submittal review. The dispensation will be prepared in electronic PDF format and distributed by email.

#### Technical Support Activities

Activities in this task include the following: RFI's, consultations, supplemental drawings, change orders, and record drawings as follows:

- a. Request for Information (RFIs) Review (40 RFIs x 4 hrs/RFI = 160 hours) - Review contractor's RFIs and provide written responses in accordance with the Contract requirements. Review of the RFIs will be as directed by DWC. The task will include evaluating the RFI; conducting research; preparing a written response and responding to follow-up inquiries made by the Contractor regarding the Engineer's response.
  - Deliverables – A dispensation will be prepared for each RFI. The dispensation will be prepared in electronic PDF format and distributed by email.
- b. Consultations concerning Maintenance of Plant Operations (8 meetings x 12 hours per meeting = 96 hours) – This task will be completed per the request of DWC. Maintenance of Plant Operations Reviews may be done if any of the contractor's means and methods impact operation of the facility.
  - Deliverable – Provide memorandums in PDF format that summarize the technical aspects of proposed scope modifications for the impacts of the proposed contractor's operations. Responses may be issued by email or another written format.
- c. Supplemental Drawings (Assume 4 Supplemental DWGs x 40 hr/Supplemental DWG = 160 hours) – Supplemental drawings/sketches will be prepared in AutoCAD format to provide clarification or direction associated with Change Orders, RFI's, and/or consultations. The final printable size of the supplemental drawing may vary but will be noted.
  - Deliverables – Supplemental drawings will be issued electronically in .PDF format

- d. Change Orders (Assume 4 changes orders x 8 hr/CO = 32 hours) for Project Engineer review time – The change order will be discussed with DWC to determine whether the change order has merit, and how the work should proceed. The change order will be prepared in standard letter format in accordance with DWC standard documents. The change order will be issued electronically in PDF format and may include supplemental drawings.
  - Deliverables – Written recommendations will be prepared by Greeley and Hansen
- e. Record Drawings (Assume 2 hours/ Design DWG x 87 DWGs = 174 hours) – Final record drawings will be based on field measurements and redline documents prepared by the contractor. Once accepted by DWC, two (2) paper hard copies in 24x36 inch drawing format and in electronic AutoCAD format.
  - Deliverables
    - i. One (1) paper hard copy in 24x36 inch drawing format will be issued to DWC for review.
    - ii. Once DWC approved - Two (2) paper hard copies in 24x36 inch drawing format, electronic copies in .PDF format, and electronic copies in AutoCAD or Revit format, depending upon the original electronic format of the individual drawing sheets.
- f. Project Final Inspection and Punch List (Assume 24 hours) – A pre-final site walk through will be conducted and a written punch list will be distributed. One final walkthrough will be conducted once the Contractor has indicated all Punch List items have been completed. After it is determined the Punch List is complete, a written recommendation for the DWC to accept the work will be prepared by PDF format and distributed electronically.
  - Deliverables
    - i. Preparation of Punch List
    - ii. Recommendation for Acceptance of Work in .PDF format
- g. Permit work – 20 hours of services for the preparation and submission of the IEPA permit related to generator emissions.

#### Project Management Services (108-week duration)

Project Management services include monthly invoicing, preparing, and attending monthly project status meetings, general communications, and coordination with DWC's project manager, resident engineer and operations staff, and project close out activities. For Project Management Services we assume the following:

- Two (2) hours per week during the first twelve (12) weeks of contractor mobilization.
- Two (2) hours per week during the next eighty-four (84) weeks of construction.
- Two (2) hours per week during the final twelve (12) weeks of contract close out
- Project duration is assumed to be 27 months, or 108 weeks total, for 216 hours.

The Project Director will direct all staff through the Project Manager (PM) and the Resident Engineer (RE). Tasks completed by Project Management will include monthly invoicing, preparing for and attending project status meetings, general communications and coordination with DWC's project manager. The PM will direct the Design Staff and coordinate with the RE during all projects start up, construction, and close out activities. The PM will detail the invoices which will list task and subtask by job cost code including total percent spent against the budget, and that month's expenditures. The invoice list will also include a brief explanation of the activities performed within that month's invoice.

#### Resident Engineering Services (108-week duration)

Provide services of one (1) Resident Engineer (RE) for a period of up to 108 weeks. For RE Services, we assume the following:

- Eight (8) hours every other week during the first twelve (12) weeks of contractor mobilization.
- Sixteen (16) hours per week during the next eighty-four (84) weeks of construction.
- Eight (8) hours every other week during the final twelve (12) weeks of substantial completion.
- Project duration is assumed to be 108 weeks total for a total of 1,440 hours.

Responsibilities of the RE include:

1. Serve as DWC's liaison with the Contractor, working principally through the Contractor's field superintendents or such other person in authority as designated by the Contractors. The REs shall be thoroughly familiar with plans and specifications applicable to the projects to monitor the Contract to observe that provisions therein are in compliance. Deviations observed shall be addressed to the Contractors by the RE.
2. Schedule and conduct a Pre-Construction Meeting and progress meetings per specification section 01200 – Project Meetings. Notify participants, and review meeting notes of progress meetings, partnering meetings, and such other job conferences as required for the timely and acceptable conduct of the job.
3. One visit every other week for twelve (12) weeks after Notice to Proceed to coordinate contractor mobilization and pre-construction activities
4. Be required to regulate their work week for scheduling the allotted days on site to conform to the Contractors' hours in accordance with the directions of DWC. If work on the construction project is suspended and all matters concerning contract compliance and administration are complete, the services of the Engineer may be suspended without cost to the project.
  - Twice weekly visits to be coordinated with construction progress meetings for eighty-four (84) weeks of construction.
  - File weekly observation reports to annotate contractor's adherence to the contract documents.
  - Attendance at major tests of installed major equipment
  - Attendance at training sessions for major equipment.

5. One visit every other week for twelve (12) weeks after Substantial Completion for Project Close Out activities being completed by others
6. Through on-site observations of the work in progress and field checks of materials and equipment, the RE shall endeavor to identify defects and deficiencies in the work of the Contractors. However, by furnishing such services the RE shall not supervise, direct or have control over the Contractors' work nor shall RE have authority over or responsibility for construction means, methods, techniques, sequences or procedures or for safety precautions or programs. Accordingly, the RE shall not guarantee the performance of the Contractors and the RE shall not be responsible for the failure of the Contractors to perform the work in accordance with the construction Contract Documents.
7. Prepare field reports decisions, general observations, equipment used, onsite work, and specific observations about test procedures.
  - Prepare weekly status reports for DWC, summarizing progress of construction including percent completion based upon contract prices and schedules and progress photos of major activities.
8. Provide log for tracking contractor submittals and RFIs.
9. Review of Contractor Red Line As-Built Drawings on a weekly basis
10. Review and monitor the construction schedules prepared by the Contractors for contract compliance and provide documentation and recommendations to DWC concerning the schedule's acceptability
11. Obtain from the Contractor's additional details or information when needed at the job site for proper execution of the work. Obtain a list of the proposed suppliers and subcontractors.
12. Check for completeness of certifications of materials delivered to the site.
13. Review cost breakdowns proposed by the Contractors. Prepare monthly progress estimates for periodic partial payments to the Contractors and deliver to DWC for review and processing.
  - The payments to the Contractors will be based on estimates of the value of work performed and materials complete in place in accordance with the contract and the accepted cost breakdown.
  - Be responsible for the documentation of pay quantities and estimates, and the maintenance of appropriate records related to the construction of this project.
14. Final Walk Through and Punch List preparation and verification of completion

DATE: March 10, 2022

## REQUEST FOR BOARD ACTION

<b>AGENDA SECTION</b>	Engineering & Construction Committee	<b>ORIGINATING DEPARTMENT</b>	Facilities Construction/Safety Coordinator
<b>ITEM</b>	A Resolution Approving and Authorizing the Interim Manager of Water Operations to Retrofit the Emergency Generation System Controls via Caterpillar/Altorfer Power Systems through Sourcewell-MN.org Purchasing Cooperative Contract No. 120617 at the March 17, 2022, DuPage Water Commission Meeting  Resolution No. R-21-22	<b>APPROVAL</b> 	
<p>Account Numbers: 01-60-722300 (Not-to-Exceed \$900,000.00)</p> <p>During the initial design phase of the Emergency Generation System Modifications project approved under R-7-21 on January 21, 2021, Staff became aware that several components of the Generator Control System, which provides the logic of the generator system, had become outdated, discontinued, or no longer supported. While Staff and the Engineers investigated potential courses of remedial action, it was learned that Caterpillar (CAT), the generator unit manufacturer, has a CAT specific control system available. Upon investigation of an installed CAT generator control system, Staff was able to locate a Cooperative Purchasing arrangement for CAT design-build services. Staff believes that the design-build system offered by CAT/Sourcewell would be most beneficial for continued operation and maintaining of the Commission's Emergency Generation System. Specifically, having local CAT representation in Addison, allows for rapid service of both the engine-generator units, and as proposed by Staff, the updated generator control system. Currently, Staff relies on California based service with limited-service sourcing.</p> <p>The proposed improvements include new redundant Programmable Logic Controllers (PLC's), redundant Operator Interface Terminals (OIT's), upgraded power monitoring instrumentation for the entire line-up of the 4160V Medium Voltage Switchgear, and remote monitoring devices to provide an additional measure of safety for DWC Staff to monitor machine performance.</p> <p>Commission Legal Counsel has previously vetted the Sourcewell Cooperative Purchasing Agreement and has found the terms and conditions are acceptable, and the Commission may legally participate in the program.</p>			

The Emergency Generation System Modifications project design engineer will be reviewing the work on the Commission's behalf to assure seamless coordination between the separate but related generation modification projects.

The CAT cost proposal, Ref#: 31019344, for the work is \$817,376.00, however Staff is requesting approval to allocate as much as \$900,000.00 for contingencies related to supply chain issues and unforeseen circumstance.

Emergency generation System Improvements are included in the FY-21/22 management Budget as well as the current and future 5-Year Capital Improvement Plans.

**MOTION:** To adopt Resolution No. R-21-22.

DUPAGE WATER COMMISSION

RESOLUTION NO. R-21-22

A RESOLUTION APPROVING AND AUTHORIZING THE INTERIM MANAGER OF WATER OPERATIONS TO RETROFIT THE EMERGENCY GENERATION SYSTEM CONTROLS VIA CATERPILLAR/ALTORFER POWER SYSTEMS THROUGH SOURCEWELL-MN.ORG PURCHASING CONTRACT NO. 120617  
AT THE MARCH 17, 2022, DUPAGE WATER COMMISSION MEETING

WHEREAS, The DuPage Water Commission's existing Emergency Generation System has been in operation since 2010; and

WHEREAS, The DuPage Water Commission Staff has investigated and assessed various Emergency Generation Controls Retrofit Systems; and

WHEREAS, The DuPage Water Commission Staff is recommending the purchase and installation of the Caterpillar M580 PACS Solution with Option 1; and

WHEREAS, the Board of Commissioners of the DuPage Water Commission, based on the representations of Staff, believes it is in the best interest of the Commission to authorize the Interim Manager of Water Operations to purchase and install the M580 PACS Solution with Option 1 for the DuPage Water Commission via Caterpillar/Altorfer Power Systems through Sourcewell-MN.org Purchasing Cooperative Contract No. 120617, for a cost Not-To-Exceed of \$900,000.00;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the DuPage Water Commission as follows:

SECTION ONE: The foregoing recitals are hereby incorporated herein as findings of the DuPage Water Commission.

SECTION TWO: That the Interim Manager of Water Operations to purchase and install the M580 PACS Solution with Option 1 for the DuPage Water Commission via

Caterpillar/Altorfer Power Systems through Sourcewell-MN.org Purchasing Cooperative  
Contract No. 120617, for a cost Not-To-Exceed of \$900,000.00, without further act.

SECTION THREE: This Resolution shall be in full force and effect from and after  
its adoption.

AYES:

NAYS:

ABSENT:

ADOPTED THIS \_\_\_ DAY OF \_\_\_\_\_, 2022.

\_\_\_\_\_  
Chairman

ATTEST:

\_\_\_\_\_  
Clerk

March 2, 2022

Ref #: 31019344

Submitted to: Chris Bostick

Project Name: DuPage Water Commission Retrofit/Generator Controls

Caterpillar Switchgear will remove the current switchgear controls consisting of 90/30 rack controller and the easYgen generator controls and replace the system with a Caterpillar M580 PACS solution. This will be a central distributed architecture with individual processors at the generators to allow for generator operation independent of the central processor unit. This proposed scope makes use of the current Input/Output wiring with a minimum of site impact with regard to the need to pull new wire, add conduits, or bring in contractors to perform work. This solution will make the best use of the existing system by placing all controls, with the exception of the individual PowerPlex II transducers for metering and the M650 meters located in the switchgear, in the existing generator control panels. This will provide a degree of separation from the switchgear for the operators. This proposal included labor and expenses for Two (2) Caterpillar Switchgear Field Engineers to be on site for a period of up to Twenty-One (21) days including weekends. Upon completion of the onsite work, the onsite staff will be provided with up to 8 hours of operator training and will receive Operator Training manuals.

Documentation includes the following:

- Submittals in Electronic Format (PDF) consisting of: Manufacturer Data Sheets of Components included and G (general) Drawing set, which includes front elevation, one line, automation communication routing, conduit schedule, and wire count.
- Work Plan: provided prior to Caterpillar Switchgear arrival on site to detail the plan of work and gauge the impact to the system for scheduling. This plan is anticipated to take the format of an MOP and be used for approval and coordination with the site.
- Final Documentation: As Built Drawings (PDF) – to be provided following completion of onsite work, Operator Manuals (8 Hardcopy for training and PDF) – to be used for training of onsite personnel and retained by personnel for future review and use.

Additionally, we have detailed the equipment configuration and services relative to our understanding of these requirements in the body of this document. Please check it for correctness and completeness to be certain that it meets your needs. Please contact us for any clarifications or refinements that may be necessary to meet the scope of the project, as you understand it.

At the conclusion of this quote you will find the quoted price and additional commercial related information regarding the terms of this sale. Thank you for considering Altorfer Power Systems and the opportunity to provide your equipment and service needs. We are firmly committed to providing the best possible support and service during the life cycle of this project.

Sincerely,  
Jim Sylvester  
Altorfer / Caterpillar

Our base price includes the proposed Generator Parallel Controls Retrofit. Any additional installation, wiring, system configuration, startup, commissioning, and training necessary beyond that which is included in this proposal shall be the responsibility of others or require a new proposal.

NOTE: Through our review of the available drawings and materials, it has become apparent the existing controls targeted in this retrofit do not extend to the M2 utility board. This revised proposal control architecture ends at the tie breakers F1 and F3. Should this be an incorrect assessment of the site needs, please provide the materials defining the additional scope associated with M2 Utility Switchgear (located in DPPS Electric Room 113) for revision to this proposal to include the additional controls.

**DEFINITION OF SERVICES:****In house:**

1. Engineering – Design, programming, and testing of all programs for operations and Operator interface, component layout, drawing markups, MOP & Submittal production.
2. Graphics – HMI programming and development of Operators Manual, graphics interface between main touchscreen and individual generator screens.
3. Logistics – Purchasing of materials/tools, shipping preparation.
4. Assembly & Wiring –assembly of test array to test the system as designed in the factory, disassembly of system for shipping to site.
5. CAD – Creation of General Drawings for submittal, Field drawings for installation, and As Built Drawings for final documentation

**Onsite:**

1. Caterpillar Switchgear will provide One (1) Power Systems Engineer and One (1) Field Service Engineer on site for up to Twenty-One (21) consecutive days, plus travel and expenses for the PLC/HMI Controls Modernization to be performed on regular business hours. • Replace existing 90/30 rack mount central processing unit with the Modicon M580 PACS rack mount central processing system.
  - Replace the existing graphics hardware and software with redundant Windows based Touchscreen Processors with FactoryTalk software and Kepware PLC interface software.
  - Replace the existing Operator Interface Panels with centralized touchscreens located at either end of the Generator Control Panel Structures.
  - System Testing will be performed per the Sequence of Operations as approved in the submittal stage of the project.
  - Operator Training – Up to Eight (8) Hours and includes operators manuals.

**Bill of Materials:****(1) System Control BOM:**

- Modicon M580 Controller and rack and a Redundant Hot Standby M580 Controller and rack
- (2) Dynics Touchscreen Processors (TSP) with Windows 10 and FactoryTalk software
- (2) 22" Touchscreens (**22" minimum**)
- Managed ethernet switches
- Data Table Gateway dedicated for switchgear system data points with the following protocols:
  - Serial Modbus RTU
  - Various Ethernet protocols

**(6) Generator Control BOM:**

- Modicon M580 Backplane (1 per generator breaker)
  - Modicon X80 16PT Input
  - Modicon X80 16PT Relay Output
  - Modicon X80 4PT V/I Output Module
  - Modicon X80 8CH V/I Analog Input Module
  - M580 Remote I/O Adapter
- CMI 25 Synchcheck relay
- Bitronics Powerplex II Transducer
  - Bitronics PowerPlex II Door Mount tethered display
- Caterpillar PWM Converter
- Managed ethernet switches

**(2) Utility Control BOM: (Includes M1 & M3)**

- Modicon M580 Backplane
  - Modicon X80 16PT Input
  - Modicon X80 16PT Relay Output
  - M580 Remote I/O Adapter
- CMI 25 Synchcheck relay
- Bitronics Powerplex II Transducer
  - Bitronics PowerPlex II Door Mount tethered display
- Managed ethernet switches

**(4) Tie Control BOM: (Includes T3, T4, F1, & F3)**

- Modicon M580 Backplane
  - Modicon X80 16PT Input

- Modicon X80 16PT Relay Output
- M580 Remote I/O Adapter
- CMI 25 Synchcheck relay
- Bitronics Powerplex II Transducer
  - Bitronics PowerPlex II Door Mount tethered display
- Managed ethernet switches

**(1) Distribution Control BOM: (Includes F5, F6, F7, F8, F9, & F10)**

- Modicon M580 Backplane
  - Modicon X80 16PT Input
  - Modicon X80 16PT Relay Output
  - M580 Remote I/O Adapter
- Bitronics M650 Multifunction Transducer Display – Door Mount (One for each of the Feeder Breakers as listed above)
- Managed ethernet switches

**Additional Items:**

- Miscellaneous Hardware (wiring, cables, labels, etc.)
- (2) Caterpillar 12 Volt, 90 Ah Battery

**GENERAL NOTES AND CLARIFICATIONS:**

1. This proposal assumes that all work will occur in a Twenty-One (21) consecutive day span. If this schedule cannot be performed in this manner, the proposal will be revised to modify the planned work on site to accommodate the work schedule the site will allow.
2. The site work proposed will require site operations for a period of up to 6 days without the ability to go to generator power. This retrofit may require the site to be offline for periods of time or require manual operation of switchgear for downstream loads. Should this not be possible during normal hours, our proposal will be modified to reflect afterhours work only.
3. Any changes to the Scope of Work or Bill of Material will require the proposal to be revised which will result in a price change and/or rescheduling of the work.
4. Travel and expense are calculated on utilizing the closest geographical resources. If lead time will not permit this, additional travel expenses may be incurred.
5. Scheduling of the onsite work must be confirmed a minimum of 6 weeks prior to the arrival of Caterpillar Switchgear personnel on site. Should a shorter lead time be required, a new proposal will be generated to reflect additional expenses.
6. The End User shall identify, and have available during on site work, someone with site authority to allow the following
  - (A) switching and outages as required with safe lock out and tag out of equipment being worked upon, (B) free and clear access and egress to the worksite, (C) provide communication and sanitation facilities, and (D) identify someone from maintenance to

- be able to control and shift loads.
7. The End User shall verify all permits, permissions, and required acceptances necessary per Federal/State/or Local codes and regulations have been approved and acquired. Any extension to the time required for testing to meet Federal/State/or Local codes or regulations shall be quoted separately.
  8. The End User is responsible for the disposal of all wastes generated at the job site. They are also responsible for environmental conditions and will keep the equipment free of contaminants that would be detrimental to the performance of the equipment.
  9. Altorfer Industries, Inc. will provide adder for load banks for engine tuning and load share validation, if required. The minimum required load is 50% of the generator plant capacity. If site load fulfills this requirement and can be affected, load banks are not applicable.
  10. Caterpillar Switchgear shall be under no obligation to commence work unless safety practices are acceptable to Caterpillar Switchgear. As a safety precaution, prior to the commencement of work, access to a nearby telephone with the ability to call outside the facility will be provided by the end user, as well as telephone numbers for local emergency services. In Addition, Prior to the start of work, the End User shall familiarize Caterpillar Switchgear personnel with their safety practices, regulations in effect at the jobsite, and any chemical and physical hazards, including process safety issues associated with the work environment.
  11. Unimpeded access to the system is required. All removal and replacement of any obstructions that may interfere with access to the existing equipment is the responsibility of others.
  12. The working condition of all components that are not being replaced is the owner's responsibility. Faulty equipment found during the course of this scope of supply can be repaired and will be subject to a separate repair proposal.
  13. Any outside delays will be billed at the Caterpillar Switchgear published daily rates plus expenses plus 15%.
  14. Shipping terms are FOB Origin. A Freight Allowance has been included in the pricing of this proposal. All freight charges in excess of the provided allowance shall be added to the final invoice.
  15. Lead-time on parts may vary. Please contact the factory for updated lead-times at time of order release for manufacturing.
  16. Work Plans, or MOP's, are included in this proposal, the Work Plan must be approved at a minimum of 3 weeks prior to the arrival of Caterpillar Switchgear personnel. Failure to approve plan prior to dispatch of Caterpillar Switchgear personnel may result in a delay of schedule and a modification of this proposal.
  17. Submittals, in electronic PDF format, are included in this proposal. Submittals will be limited to "G" drawings and Manufacturer Data Sheets related to new components included in the upgrade. **(See Bullet Points on Page One for submittal description)**
  18. Final As Built Drawings, Manufacturer Data Sheets related to new components, and an updated training manual in electronic PDF format are included in this proposal, however, NO O&M manuals are included. **(See Bullet Points on Page One for description of**

***Final Documentation)***

19. No warranty extension is expressed or implied for the existing equipment. Caterpillar Switchgear Americas, LLC Aftermarket Warranty covers only the components listed and the workmanship/labor involved with the installation of those components.
20. If onsite work takes place more than 30 days after shipment, Caterpillar Switchgear reserves the right to progressively invoice for the in-house production and parts detailed in Commercial Schedule of Values in the table on page one of this proposal.
21. No site safety training, background checks, drug screens, or detention time for computer scanning are included in this proposal. If these are required, there will be a price adder to this proposal.
22. No provisions for independent or third-party testing have been included in this proposal. Should this be required, a separate proposal will be provided in accordance with the Caterpillar Switchgear Americas, LLC published field rates.
23. This proposal includes end user operator training lasting no more than eight (8) hours. This training will include updated electronic Operator Manuals.
24. This proposal does not include any time or cost for Federal, State, Local, or Site quarantine restrictions and/or requirements due to the Covid-19 virus. Should it be necessary, a separate proposal to capture costs associated with these requirements will be provided.
  
25. This proposal does not include providing the Building Management System, or SCADA, the ability to control or command the system. A data interface capable of providing a Data Table Interface Register to the SCADA is provided in this proposal. The provider of the SCADA system will be required to be on site while Caterpillar Switchgear Field Engineers are present to work with our field engineers to verify proper interface with the Caterpillar system. Should Read/Write capabilities for the SCADA be required, the additional programming and/or hardware will be provided under a separate change order proposal to this proposal.

	Item	Description	
Aftermarket Services	1	In House Labor: Engineering, CAD, Logistics	
	2	Materials: Bill of Materials	
	3	On Site Labor: Two (2) Engineers up to Twenty One (21) Days	
	4	Field Engineer Travel and Expenses	
	5	Freight Allowance	
		<b>TOTAL LIST PRICE:</b>	
	6	<b>Sales Concession:</b> Recognition of the 5% Sourcwell members discount	<b>\$(39,030.00)</b>
		<b>TOTAL SALES PRICE:</b>	<b>\$741,567.00</b>
<b>OPTIONS to BASE BID</b>			
	Item	Description	
AES Services	OPT-1	Addition of Six (6) touchscreens for each generator data display - to be located in the generator control panel doors. Removed the Remote PC from BOM	
		<b>LIST PRICE FOR OPTION 1:</b>	<b>\$79,799.00</b>
		<b>Sales Concession:</b> Recognition of the 5% Sourcwell members discount	<b>\$(3,990.00)</b>
		<b>TOTAL SALES PRICE INCLUDING OPTIONS:</b>	<b>\$817,376.00</b>

**OPT-1 BOM:**

- > 6 touchscreens – touchscreens will be a minimum of 15"
- > 6 SBOX Processors – Magelis iPC's equipped with Vijeo Designer software
- > All mounting hardware and cabling between the generator PLC – the SBOX – and the touchscreen, and includes a door plate for each of the three generator control panel doors to blank off the current penetrations of the EasyGen displays and allow mounting of the touchscreens.

Financial Terms:

Net cash 30 days upon receipt of invoice, with credit approval. Equipment will be invoiced at the contracted amount when ready for shipment. Retainers are not allowed unless previously negotiated and are identified in this proposal. Late charges of 1-1/2% per month will be assessed for late payments and customer will also be responsible for any collection costs and expenses, including reasonable attorney's fees. Equipment storage fees may apply when delivery is not accepted when ready for shipment. Sales tax is **NOT** included in the purchase price and will be charged at the current tax rate, if applicable.

Additional Terms and Conditions:

The scope of supply for this quotation is limited to the equipment and services listed in this proposal. The bill of material herein does not include demolition, removal, terminations, installation, labor, fuel, fuel piping, air ducting, exhaust silencer installation, exhaust piping or electrical wiring between loose items such as engine, control gear, transfer switches, day tanks, battery charger, etc. Coordination studies & relay settings & relay testing services are not included. Permitting not included. The customer is responsible for any and all installation of the above Equipment unless specifically modified by this proposal. All equipment needed to perform any loading or unloading of the Equipment supplied by Altorfer Power Systems is the responsibility of the customer unless specifically modified by this proposal. Unless specifically listed in our bill of material, equipment not indicated is to be supplied by others. We reserve the right to correct any errors or omissions. Customer's signature on this quotation or the issuance of a purchase order or other acknowledgement by customer for the Equipment shall constitute acceptance of this quotation subject only to the terms and conditions set forth herein notwithstanding any terms and conditions contained in any such purchase order or other acknowledgment or communication from the customer which are different from or in addition to the terms and conditions of this quotation. This quotation is subject to any applicable manufacturer's general terms and conditions of sale. Changes to the terms of this quotation may only be made by the express written agreement of Altorfer Power Systems. Altorfer Power Systems shall not be responsible for any consequential, special, indirect or liquidated damages hereunder or for any manufacturer or other delays beyond Altorfer's control. Altorfer Power Systems will not be responsible for any labor or material charges by others associated with the start-up and installation of this equipment unless previously agreed upon, in writing by Altorfer Power Systems. This quotation expires in 30 calendar days or sooner with notice and is subject to prior sale. The prices stated herein are subject to any manufacturer increases if the order is not released for manufacture within 90 calendar days from order date or, if drawings for approval are required, the drawings are not returned and released for manufacture within 30 calendar days of mailing date. For any completed order, scheduled for shipment, that is held, delayed or rescheduled at the request of the Buyer, Seller may, at its sole option, ship to storage, invoice, and transfer title, all at the sole cost and risk of loss of the Buyer. Buyer may terminate or cancel an order by written notice and upon payment of appropriate charges based upon a percentage of the quoted sales price at the stage of completion: 10% hold for approval status and 100% after release for manufacture status.

**ALTORFER**  
Power Systems

**CAT**



ALTORFER POWER SYSTEMS · 301 S MITCHELL · ADDISON, IL 60101

ACCEPTANCE:

ALTORFER POWER SYSTEMS

\_\_\_\_\_  
**Customer Signature**

\_\_\_\_\_  
Jim Sylvester

Email: [jim.sylvester@altorfer.com](mailto:jim.sylvester@altorfer.com)

Phone: 630-516-4414

Mobile: 630-360-0228

Sales Engineer, Electric Power Generation

DATE: \_\_\_\_\_

Should you have any questions or comments on this matter, please do not hesitate to contact us.

This information is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. No waiver of applicable privilege and/or protection against disclosure is intended. If you are not the intended recipient, you are hereby notified that any use of, dissemination, distribution or copy of this communication is strictly prohibited. If you receive this communication in error, please notify us immediately by telephone so that we can arrange return of the original message to us at no cost to you.



# DuPage Water Commission

## MEMORANDUM

TO: Terry McGhee, Interim Manager of Water Operations  
FROM: Cheryl Peterson, Financial Administrator [REDACTED]  
DATE: March 8, 2022  
SUBJECT: Accounts Payable Listings

Following is a summary of the Accounts Payable to be considered at the March 17, 2022, Commission meeting:

February 9, 2022, to March 8, 2022, A/P Report	\$8,005,778.89
Accrued and estimated payments required before April 2022 Commission meeting	<u>1,206,380.00</u>
Total	<u>\$9,212,158.89</u>

cc: Chairman and Commissioners



Board Open Payable Report

As Of 03/08/2022

Payable Number	Description	Post Date	Payable Amount	Payable Count:	Net Amount
Vendor: <a href="#">1904</a> <a href="#">01328186</a>	<b>IT SAVVY LLC</b> 1G Base-T Copper SFP Card	02/24/2022	454.56	(1)	454.56
Vendor: <a href="#">1194</a> <a href="#">SC0000069547</a> <a href="#">IV963481</a>	<b>MK BATTERY</b> Batteries - Return Replacement Batteries for UPS	09/21/2021 09/28/2021	-239.00 222.03	(2)	-16.97 222.03
Vendor: <a href="#">1858</a> <a href="#">IV220210119</a>	<b>NATIONAL LIFT TRUCK, INC.</b> Annual Inspection for Genie GS1930 Lift	02/18/2022	272.83	(1)	272.83
Vendor: <a href="#">2189</a> <a href="#">INV0005839</a>	<b>NCPERS Group Life Ins.</b> NCPERS - IMRF 6641	03/04/2022	44.28	(1)	44.28
Vendor: <a href="#">2356</a> <a href="#">INV0005875</a>	<b>NICK CONSTANTOPOULOS</b> Corrosion Short Course Expense Reimb	03/08/2022	78.87	(1)	78.87
Vendor: <a href="#">1385</a> <a href="#">29251</a>	<b>QUALITY BACKFLOW TESTING INC.</b> Annual Backflow Regulatory Inspections	02/22/2022	1,140.00	(1)	1,140.00
Vendor: <a href="#">1118</a> <a href="#">232636</a> <a href="#">232691</a>	<b>REGIONAL TRUCK EQUIPMENT CO.</b> Light for F350 Light for F350	02/28/2022 02/28/2022	125.00 27.76	(2)	152.76 27.76
Vendor: <a href="#">1777</a> <a href="#">874945</a>	<b>SCHNEIDER ELECTRIC BUILDINGS AMERICA, INC</b> Badge Printer Troubleshooting	02/28/2022	370.00	(1)	370.00
Vendor: <a href="#">1121</a> <a href="#">INV0005850</a>	<b>SPI ENERGY GROUP</b> Electrical Consulting Services: February 2022	02/28/2022	4,420.00	(1)	4,420.00
Vendor: <a href="#">2029</a> <a href="#">0000298071</a>	<b>TREE TOWNS IMAGING &amp; COLOR GRAPHICS</b> Document Reproduction	02/28/2022	330.60	(1)	330.60
Vendor: <a href="#">1221</a> <a href="#">890195</a>	<b>USA BLUE BOOK</b> Pipeline Supplies	02/28/2022	2,171.79	(1)	2,171.79
Vendor: <a href="#">1860</a> <a href="#">2-17-22</a>	<b>WELD ALL INC.</b> Modify Valve stem for BOV	02/28/2022	245.00	(1)	245.00
Vendor: <a href="#">2096</a> <a href="#">INV0005877</a>	<b>William A. Fates</b> Service as Treasurer: March 2022	03/01/2022	1,666.67	(1)	1,666.67
Vendor: <a href="#">2000</a> <a href="#">INV0005876</a>	<b>WILLIAM WEGNER</b> Corrosion Short Course Expense Reimb	03/08/2022	95.73	(1)	95.73
<b>Payable Account 01-211000</b>				<b>Payable Count: (47)</b>	<b>Total: 8,005,778.89</b>

**Payable Account Summary**

Account	Count	Amount
01-211000 - ACCOUNTS PAYABLE	47	8,005,778.89
<b>Report Total:</b>	<b>47</b>	<b>8,005,778.89</b>

**Payable Fund Summary**

Fund	Count	Amount
01 - WATER FUND	47	8,005,778.89
<b>Report Total:</b>	<b>47</b>	<b>8,005,778.89</b>

DUPAGE WATER COMMISSION  
 ITEMS TO BE PAID BY 4-21-22  
 Board Meeting Date: March 17, 2022

Estimate Amount	Description	Check Number	Payment Date	Payment Amount
55,000.00	Blue Cross Blue Shield - Health Insurance			
7,000.00	Euclid Managers - Dental Insurance			
12,000.00	Illinois Public Risk Fund - Workers Comp.			
200.00	Envision Health Care - Administration Fees			
400.00	Healthiest You			
150.00	NCPERS - IMRF			
20,000.00	ComEd - Utility Charges			
300,000.00	Constellation (Exelon Energy) - Utility Charges			
180,000.00	City of Chicago - Lexington. Electric			
35,000.00	City of Chicago - Lexington Labor Costs			
35,000.00	City of Chicago - Repairs & Maintenance			
2,000.00	City of Naperville -Meter Station Electric Bills			
15,000.00	Nicor - Gas			
400.00	Comcast - Internet Service			
3,000.00	AT & T - Telephone Charges			
3,000.00	AT & T - Scada Backhaul Network/IP Flex			
1,000.00	Fed - Ex - Postage/Delivery			
5,000.00	Procurement Card Charges			
200.00	Anderson - Pest Control			
400.00	Republic Services - Disposal Services			
300.00	Aramark - Supplies			
600.00	Cintas- Supplies			
200.00	Elecsys - Cell Data Services			
2,200.00	AL Warren - Fuel			
1,500.00	Konica Minolta - Copy and Lease Charges			
2,100.00	Multisystem Management - Cleaning Services			
300.00	Onyx - Supplies			
625.00	Pitney Bowes - Postage			
8,000.00	Grainger - Supplies for Operations			
2,500.00	Verizon - Wireless Service			
300.00	Verizon Connect - Diagnostics			
50.00	City of Aurora - Microbial Analysis			
50.00	Bridgepoint - Hosting Services			
1,700.00	William Fates - Treasurer			
5,000.00	Baker Tilly			
15,000.00	Schrott, Luetkehans & Garner, LLC			
7,000.00	IT Savvy - Network Support			
200.00	Alexander Kefaloukos - Security			
600.00	Red Wing - Uniforms			
50.00	Elmhurst Occupational Health - New employee			
500.00	Elmhurst Standard Plaza - Vehicle Maintenance			
200.00	Soooper Lube - Vehicle Maintenance			
200.00	Sterling - Background Checks			
1,500.00	Storino Ramello & Durkin			
500.00	Local 399 Training courses			
1,000.00	Ace Hardware - IRF Painting Project			
13,000.00	Action Automation - Replacement Valve Actuator & Shaft			
400.00	Atomatic Control/Control Engineering Group - HVAC Programming Service			
2,700.00	Centro - Aquamatic Rebuild Kits for Parco Valves			
3,000.00	Core & Main - Pipeline Metal Detector/Locators			
15,000.00	Courtesy Electric - ARE 9.001 Office Voice & Data Cable Install			
800.00	Crown Lift Trucks - Kushman Hauler Inspection			
100.00	Elmhurst Occupational Health - Medical Exam			
1,100.00	Farwest Corrosion - Replacement Reference Cells			
3,000.00	Fisher Scientific - Lab Supplies			
8,000.00	Fisher Scientific - Lab Supplies			

DUPAGE WATER COMMISSION  
 ITEMS TO BE PAID BY 4-21-22  
 Board Meeting Date: March 17, 2022

900.00	Graybar - Dies and Crimps for Crimping Tool
10,000.00	HSQ - 1 Year Phone Support
400.00	IL Section AWWA - WaterCon Registration (Denis)
100.00	IT Savvy - Azure Active Directory License
200.00	IT Savvy - Monitor Stand
200.00	Logical Media - Website Hosting
200.00	Municipal Emergency Services - Gas Meter Maint/Cert
1,400.00	National Lift Truck - Lift Rental
300.00	National Lift Truck - Annual Inspection for Manlift
700.00	Office Depot - Supplies
5,000.00	Prime Scaffold - Services for Discharge Valve Actuator Replacement
900.00	Program One - Window Cleaning
2,000.00	Quality Backflow - Backflow Repairs
300.00	Redwing - Safety Shoes - Castaneda
300.00	Redwing - Safety Shoes - Rizzo
300.00	Redwing - Safety Shoes - Creaven
30,000.00	Regional Truck Equipment - Service Body/Lights
200.00	Republic Services: Garbage/Recycling
400.00	Schneider Electric - Door Access Controller Troubleshooting
2,200.00	Schneider Electric - Milestone Software Renewal
900.00	Specialty Mat - Mat Service
500.00	Staples - Office Supplies
1,600.00	Suburban Door & Lock - Door Repairs
4,800.00	US Upfitters - Toolbox & Retractable Cover for F150
500.00	Villa Park Electric - Splice Kits
300.00	Villa Park Electric - Uniforms
6,500.00	Voit Electric - Electrical Services/Parts 5KV Switchgear
400.00	Weld All - Tall Light Guard
50,000.00	Greeley and Hansen - Generator Facility Mods Design
2,000.00	Oak Security Group - Security Keys
7,500.00	Joliet Jr. College - New Employee Safety Training
1,000.00	Construction Safety Council - New Employee Safety Training
3,000.00	Vendor TBD - Safety Manual Reproduction
5,000.00	EN Engineering - Cathodic Protection and CRCUC Meeting
50,000.00	DeLasCasas - Cathodic Protection
30,000.00	Valve Reconditioning Services/Actuation Group - Valve Assessment
20,000.00	Wachs/Xylem - 2 Valve Assessments
9,200.00	Dixon Engineering
8,000.00	AECOM - Romeoville Assessment
2,700.00	Joliet Junior College - Project Management Class (Jess/Dave)
200.00	ISAWWA - Jess/Bill Reimbursement
26,000.00	Courtesy Electric - QRE 9.006 UPS Bypass Switch
8,000.00	Courtesy Electric - QRE 9.009 Domestic Water Meter Work
12,000.00	Rossi - WAO #8 Locating Broken Cable on Naperville Rd
8,000.00	Grainger - IRF Supplies & Tools
19,000.00	Courtesy Electric - IRF Voice/Data Line & Conduit Installation
255.00	City of Elmhurst - Wireless Radio
65,000.00	City of Elmhurst Annual Contract
20,000.00	Julie - Quarterly Service
14,000.00	AJ Gallagher - General Manager Bond Renewal

1,206,380.00



# DuPage Water Commission

## MEMORANDUM

TO: Commissioners

FROM: James F. Zay  
Chairman

Terry McGhee  
Interim Manager of Water Operations

DATE: March 8, 2022

SUBJECT: January 2022 Invoices

I reviewed the Luetkehans, Brady, Garner & Armstrong invoice for services rendered during the period January 1, 2022 and January 31, 2022 and recommend it for approval. The invoices should be placed on the March 17, 2022 Commission meeting accounts payable.

**January 2022**

Luetkehans Brady Garner & Armstrong

CATEGORY	<u>FEES</u>	<u>HOURS BILLED</u>	<u>AVERAGE HOURLY RATE</u>	<u>ATTORNEYS &amp; PARALEGALS EMPLOYED</u>	<u>MAJOR ACTIVITIES</u>
General	\$11,310.00	55.4	\$225.00	Luetkehans (40.6 @ \$225/hr.) Armstrong (13.8 @ \$225/hr.) Garner (0.0 @ \$200/hr.) Law Clerk (1.0 @\$60/hr)	various (meetings, review agreements, correspondence, contracts, telephone conferences, and attend Board meeting)
Misc:	\$20.62				
<b>Total:</b>	<b>\$11,330.62</b>	<b>55.4</b>	<b>\$225.00</b>		