

Directors

Manny Fernandez
Pat Kite
Anjali Lathi
Jennifer Toy



Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**UNION SANITARY DISTRICT BOARD MEETING/
UNION SANITARY DISTRICT FINANCING AUTHORITY
AGENDA
Monday, June 10, 2024
Regular Meeting - 4:00 PM**

**Union Sanitary District
Administration Building
5072 Benson Road
Union City, CA 94587**

- 1. Call to Order

- 2. Salute to the Flag

- 3. Roll Call

- Motion 4. Approve Minutes of the Union Sanitary District Special Board Meeting of May 20, 2024

- Motion 5. Approve Minutes of the Union Sanitary District Special Board Meeting of May 28, 2024

- Motion 6. Approve Minutes of the Union Sanitary District Special Board Meeting of May 29, 2024

- Information 7. Fiscal Year 2024 Third Quarter Managed Investment Portfolio Report *(to be reviewed by the Investment Portfolio Ad Hoc)*

- 8. Written Communications

- 9. Public Comment
Public Comment is limited to three minutes per individual, with a maximum of 30 minutes per subject. If the comment relates to an agenda item, the speaker should address the Board at the time the item is considered. Speaker cards will be available in the Boardroom and are requested to be completed prior to the start of the meeting.

- Motion 10. Review and Consider Approval of Investment Policy 2030 *(to be reviewed by the Budget & Finance Committee)*

- Information 11. Status of Priority 1 Capital Improvement Program Projects *(to be reviewed by the Engineering and Information Technology Committee)*

- Information 12. Third Quarterly Report on the Capital Improvement Program for FY24 *(to be reviewed by the Engineering and Information Technology Committee)*

-
- Information 13. Third Quarterly Report on the Enhanced Treatment and Site Upgrade Program for FY24 *(to be reviewed by the Engineering and Information Technology Committee)*
-
- Information 14. Check Register
-
- Information 15. Committee Meeting Reports *(No Board action is taken at Committee meetings)*
- a. Budget & Finance Committee – Thursday, June 6, 2024, at 1:30 p.m.
 - Director Kite and Director Toy
 - b. Investment & Portfolio Ad Hoc – Thursday, June 6, 2024, at 3:00 p.m.
 - Director Lathi and Director Toy
 - c. Engineering and Information Technology Committee – Friday, June 7, 2024, at 10:00 a.m.
 - Director Fernandez and Director Toy
-
- Information 16. General Manager’s Report *(Information on recent issues of interest to the Board)*
-
17. Other Business
- a. Comments and questions. *Directors can share information relating to District business and are welcome to request information from staff.*
 - b. Scheduling matters for future consideration
-
18. Adjournment – The Board will adjourn to a Special Board Meeting to be held in the Boardroom on June 10, 2024, following adjournment of the Regular Board Meeting.
-
19. Adjournment – The Board will then adjourn to a Special Board Meeting to be held in the Boardroom on Tuesday, June 11, 2024, at 4:00 p.m.
-
20. Adjournment – The Board will then adjourn to the next Regular Board Meeting to be held in the Boardroom on Monday, June 24, 2024, at 4:00 p.m.

The facilities at the District Offices are wheelchair accessible. Any attendee requiring special accommodations at the meeting should contact the General Manager’s office at (510) 477-7503 at least 24 hours in advance of the meeting.

**MINUTES OF THE SPECIAL MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
May 20, 2024**

CALL TO ORDER

President Toy called the special meeting to order at 4:05 p.m.

ROLL CALL

PRESENT: Jennifer Toy, President
Pat Kite, Secretary
Anjali Lathi, Director
Manny Fernandez, Director

STAFF: Paul Eldredge, General Manager/District Engineer
Chris Pachmayer, Fabrication, Maintenance, and Construction Coach
Alisa Gordon, Human Resources Manager
Richard Scobee, Senior Geographic Information Systems Database Administrator
Michelle Powell, Communications and Intergovernmental Relations Coordinator

PUBLIC COMMENT

There was no public comment.

COMBINED BOARD WORKSHOP

Senior Geographic Information Systems Database Administrator Scobee and Communications and Intergovernmental Relations Coordinator Powell presented information regarding the District's website. General Manager Eldredge and Human Resources Manager Gordon presented information regarding the General Manager's Evaluation Process and General District Business.

ADJOURNMENT:

The special meeting was adjourned at approximately 5:17 p.m. to a Special Board Meeting to be held in the Boardroom on Tuesday, May 28, 2024, at 4:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

PAT KITE
SECRETARY

APPROVED:

JENNIFER TOY
PRESIDENT

Adopted this 10th day of June, 2024

**MINUTES OF THE SPECIAL MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT/UNION SANITARY DISTRICT FINANCING
AUTHORITY
May 28, 2024**

CALL TO ORDER

President Toy called the meeting to order at 4:00 p.m.

SALUTE TO THE FLAG

President Toy led the salute to the flag.

President Toy observed a moment of silence in memory of Union Sanitary District Director Tom Handley.

ROLL CALL

PRESENT: Jennifer Toy, President
Pat Kite, Secretary
Anjali Lathi, Director
Manny Fernandez, Director

STAFF: Paul Eldredge, General Manager/District Engineer
Karen Murphy, District Counsel
Mark Carlson, Business Services Manager/CFO
Armando Lopez, Treatment and Disposal Services Manager
Jose Rodrigues, Collection Services Manager
Raymond Chau, Technical Services Manager
Robert Simonich, Fabrication, Maintenance, and Construction Manager
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager
Marcus Lee, Treatment and Disposal Services Coach
Curtis Bosick, Capital Improvement Projects Coach
Gus Carrillo, Enhanced Treatment and Site Upgrade Program Assistant Manager
Trieu Nguyen, IT Administrator
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

**APPROVE MINUTES OF THE UNION SANITARY DISTRICT BOARD MEETING OF
MAY 13, 2024**

It was moved by Director Fernandez, seconded by Secretary Kite, to Approve the Minutes of the Board Meeting of May 13, 2024. Motion carried unanimously.

APRIL 2024 MONTHLY OPERATIONS REPORT

This item was reviewed by the Budget & Finance and Legal/Community Affairs Committees. General Manager Eldredge provided an overview of the Monthly Report,

and Business Services Manager/CFO Carlson provided an overview of the financial reports.

WRITTEN COMMUNICATIONS

There were no written communications.

PUBLIC COMMENT

There was no public comment.

AUTHORIZE THE GENERAL MANAGER TO EXECUTE AN AGREEMENT WITH ACWD AND PAY FEES FOR THE WATER MAIN RELOCATION AND REPLACEMENT FOR THE ENHANCED TREATMENT AND SITE UPGRADE PHASE 1A CAMPUS BUILDING PROJECT

This item was reviewed by the Engineering and Information Technology Committee. Enhanced Treatment and Site Upgrade Program Manager Pipkin stated the Enhanced Treatment and Site Upgrade (ETSU) Phase 1A Campus Building Project includes relocation of the existing ACWD water main and water meters. The relocation is necessary to facilitate construction of new clarifiers in the ETSU Phase 1B Project as well as to provide service to the new ETSU Campus building. Staff recommended the Board authorize the General Manager to execute an agreement with ACWD for a public water system relocation, replacement, and extension, subject to revisions that may be approved by the General Manager in consultation with General Counsel; and, authorize the General Manager to pay ACWD fees in the amount of \$359,156 for the water main relocation and replacement for the Enhanced Treatment and Site Upgrade Phase 1A Campus Building Project.

It was moved by Director Lathi, seconded by Secretary Kite, to Authorize the General Manager to Execute an Agreement with the Alameda County Water District (ACWD) for a Public Water System Relocation, Replacement, and Extension, Subject to Revisions that may be Approved by the General Manager in Consultation with General Counsel; and, Authorize the General Manager to Pay ACWD Fees in the Amount of \$359,156 for the Water Main Relocation and Replacement for the Enhanced Treatment and Site Upgrade Phase 1A Campus Building Project. Motion carried unanimously.

AUTHORIZE THE GENERAL MANAGER TO EXECUTE TWO CONTRACT CHANGE ORDERS WITH ZOVICH REGARDING CONSTRUCTION OF THE NEW ACWD WATER MAIN FOR THE ENHANCED TREATMENT AND SITE UPGRADE PROGRAM PHASE 1A CAMPUS BUILDING PROJECT

This item was reviewed by the Engineering and Information Technology Committee. Enhanced Treatment and Site Upgrade Program Manager Pipkin stated the Project includes relocation of the existing ACWD water main that runs through the treatment plant site. The relocation is necessary to facilitate construction of new clarifiers in the ETSU Phase 1B Project. USD staff began waterline relocation planning with ACWD staff in August 2021; ACWD staff since finalized plans with USD staff and requested a cost estimate from Zovich for the changes since the final plans differ from what Zovich had included in their original bid. The existing water main is an old brittle pipe material that can be subject to cracking or failure when the ground around the pipe is disturbed.

The ETSU program includes several new crossings around the existing pipe. Staff believe there are benefits to USD and ACWD in replacing the entirety of the existing water main to improve reliability and prevent future operational challenges. USD staff negotiated an agreement with ACWD to evenly share the costs of replacing the rest of the existing water main piping on the Plant site. USD staff negotiated with Zovich for additional costs to replace the remainder of the existing water main pipe on-site in proposed Change Order No. 14 in the amount of \$307,514.97 which would include replacement of approximately 230 feet of existing water main pipe. Staff recommended the Board authorize the General Manager to execute contract change orders No. 13 and 14 with Zovich Construction in the amount of \$119,026.26 and \$307,514.97, respectively, for additional costs associated with the ACWD water main replacement and relocation for the Enhanced Treatment and Site Upgrade Program Phase 1A Campus Building Project.

It was moved by Director Fernandez, seconded by Director Lathi, to Authorize the General Manager to Execute Contract Change Orders No. 13 and 14 with Zovich Construction in the Amount of \$119,026.26 and \$307,514.97, Respectively, for Additional Costs Associated with the ACWD Water Main Replacement and Relocation for the Enhanced Treatment and Site Upgrade Program Phase 1A Campus Building Project. Motion carried unanimously.

CONSIDER AND APPROVE A RESOLUTION APPROVING AND AUTHORIZING EXECUTION OF TWO REAL PROPERTY PURCHASE CONTRACTS TO ACQUIRE A FEE PARCEL AND TWO TEMPORARY CONSTRUCTION EASEMENTS FROM ALAMEDA COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT

This item was reviewed by the Budget & Finance Committee. Enhanced Treatment and Site Upgrade Program Manager Pipkin stated the Enhanced Treatment and Site Upgrade Phase 1B Project will include construction of new secondary clarifiers and effluent facilities and relocation of the existing effluent force main to the East Bay Dischargers Authority. The Project will include extensive work along the eastern property line of the District's Alvarado Wastewater Treatment Plant shared with Flood Control. The point of connection for the relocated effluent pipeline will be located just outside the existing property line of the Plant within an easement on land currently owned by Flood Control. Future operation and maintenance of the effluent force main would be simplified by incorporating the new point of connection into the Plant site which would require purchase of a small parcel in fee title. A temporary construction access easement along the eastern perimeter of the Plant will create access during construction of the new facilities. Staff recommended the Board consider and approve a resolution approving and authorizing execution of two real property purchase contracts to acquire a fee parcel and two temporary construction easements from Alameda County Flood Control & Water Conservation District for a combined purchase price of \$40,200.

It was moved by Director Lathi, seconded by Director Fernandez, to Adopt Resolution No. 3014 Authorizing Execution of two Real Property Purchase Contracts to Acquire a Fee Parcel and Two Temporary Construction Easements from Alameda County Flood Control & Water Conservation District. Motion carried unanimously.

PROPOSED OPERATING AND CIP BUDGET FOR FISCAL YEAR 2025

This item was reviewed by the Budget & Finance Committee. Business Services Manager/CFO Carlson presented the proposed operating and CIP budget for Fiscal Year 2025 and responded to Boardmember questions. The Board directed staff to present the final budget at the June 24, 2024, Board meeting.

INFORMATION ITEMS:

Report on the East Bay Dischargers Authority Meeting of April 18, 2024

Director Lathi provided an overview of the EBDA meeting summary included in the Board meeting packet.

Check Register

There were no questions regarding the check register.

COMMITTEE MEETING REPORTS:

The Budget & Finance Committee met. The Engineering and Information Technology and Legal/Community Affairs Committees were changed to briefings.

GENERAL MANAGER'S REPORT:

- General Manager Eldredge provided an update on the 3rd watershed permit and stated the San Francisco Bay Water Board will likely reschedule consideration of the permit from its June 12, 2024, to a later date due to the volume of comments received. Staff will provide updates to the Board via email as they are received.
- General Manager Eldredge stated the District has been participating in the WastewaterScan program in partnership with Verily and Stanford University. The District has been collecting samples from each drainage basin and the samples have been sent for testing to detect a variety of infectious diseases. The program will be winding down due to lack of funding and resources.
- A Special Board Meeting will be held in the Boardroom on Wednesday, May 29, 2024, at 4:00 p.m.

OTHER BUSINESS:

Director Fernandez stated he attended the Southern Alameda County Geographic Information System Authority meeting on May 22, 2024.

ADJOURNMENT:

The meeting was adjourned at 4:25 p.m. in honor of Union Sanitary District Director Tom Handley to a Special Meeting to be held in the Boardroom on Wednesday, May 29, 2024, at 4:00 p.m.

The Board will then adjourn to the next Regular Meeting to be held in the Boardroom on Monday, June 10, 2024, at 4:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

PAT KITE
SECRETARY

APPROVED:

JENNIFER TOY
PRESIDENT

Adopted this 10th day of June 2024

**MINUTES OF THE SPECIAL MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
May 29, 2024**

CALL TO ORDER

President Toy called the special meeting to order at 4:00 p.m.

ROLL CALL

PRESENT: Jennifer Toy, President
Pat Kite, Secretary
Anjali Lathi, Director
Manny Fernandez, Director

STAFF: Paul Eldredge, General Manager/District Engineer
Karen Murphy, District Counsel
Alisa Gordon, Human Resources Manager
Regina McEvoy, Executive Assistant to the General Manager/Board Clerk

PUBLIC COMMENT

There was no public comment.

CONSIDER OPTIONS TO FILL THE BOARD VACANCY FOR WARD 3 AND PROVIDE DIRECTION TO STAFF

General Manager Eldredge presented options for filling the Board vacancy and deadlines prescribed in the Government Code.

It was moved by Secretary Kite, seconded by Director Lathi, to Direct Staff to Proceed with the Appointment Process and to Schedule Special Board Meetings for the Application Process. Motion carried unanimously.

ADJOURNMENT:

The special meeting was adjourned at approximately 5:03 p.m. to the next Regular Board Meeting to be held in the Boardroom on Monday, June 10, 2024, at 4:00 p.m.

SUBMITTED:

ATTEST:

REGINA McEVOY
BOARD CLERK

PAT KITE
SECRETARY

APPROVED:

JENNIFER TOY
PRESIDENT

Adopted this 10th day of June, 2024

Directors
Manny Fernandez
Pat Kite
Anjali Lathi
Jennifer Toy



Officers
Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 10, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #7**

TITLE: **Fiscal Year 2024 Third Quarter Managed Investment Portfolio Report (*to be reviewed by the Investment Portfolio Ad Hoc*) (*Information Item*)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Mark Carlson, Business Services Workgroup Manager

Recommendation
Information only.

Discussion

The attached report from PFM shows the District’s investment positions for the 3rd Quarter of Fiscal Year 2024 (ending March 31, 2024).

This reporting format is intended to supplement the existing Monthly Operations Report provided by Staff for the months of January, February, and March of 2024 and includes the following sections, which will be presented in detail:

- Market Update
- Account Summary
- Portfolio Review
- Disclosures
- Glossary

Representatives from PFM and staff will be available to answer questions.

Background

In October of 2018, the Board authorized the General Manager to sign the Portfolio Management Services Contract with PFM Asset Management LLC (PFM) for investment management services. The strategy behind this decision was to maximize investment returns to the extent practicable, while maintaining compliance with all policy, legal and regulatory requirements for government agency investments. The provision of comprehensive portfolio reporting and current economic analyses were both deliverables in the contract negotiated with PFM.

Previous Board Action

None

Attachments

1. 3rd Qtr Invest Report PFM April 2024

UNION SANITARY DISTRICT

Investment Performance Review For the Quarter Ended March 31, 2024

Client Management Team

Monique Spyke, Managing Director
Joseph Creason, Portfolio Manager
Jeremy King, Key Account Manager
Rachael Miller, Client Consultant

PFM Asset Management LLC

1 California Street Ste. 1000
San Francisco, CA 94111-5411
415-393-7270

213 Market Street
Harrisburg, PA 17101-2141
717-232-2723

NOT FDIC INSURED : NO BANK GUARANTEE : MAY LOSE VALUE

For Institutional Investor or Investment Professional Use Only - This material is not for inspection by, distribution to, or quotation to the general public

Agenda

- Market Update
- Portfolio Review

Market Update

Current Market Themes



- ▶ The U.S. economy is characterized by:
 - ▶ Robust growth that continues to show surprising strength
 - ▶ Sticky inflation that remains above the Federal Reserve (Fed)'s 2% target
 - ▶ Labor markets continuing to show impressive job gains and low unemployment
 - ▶ Resilient consumer spending supported by wage growth that is outpacing inflation



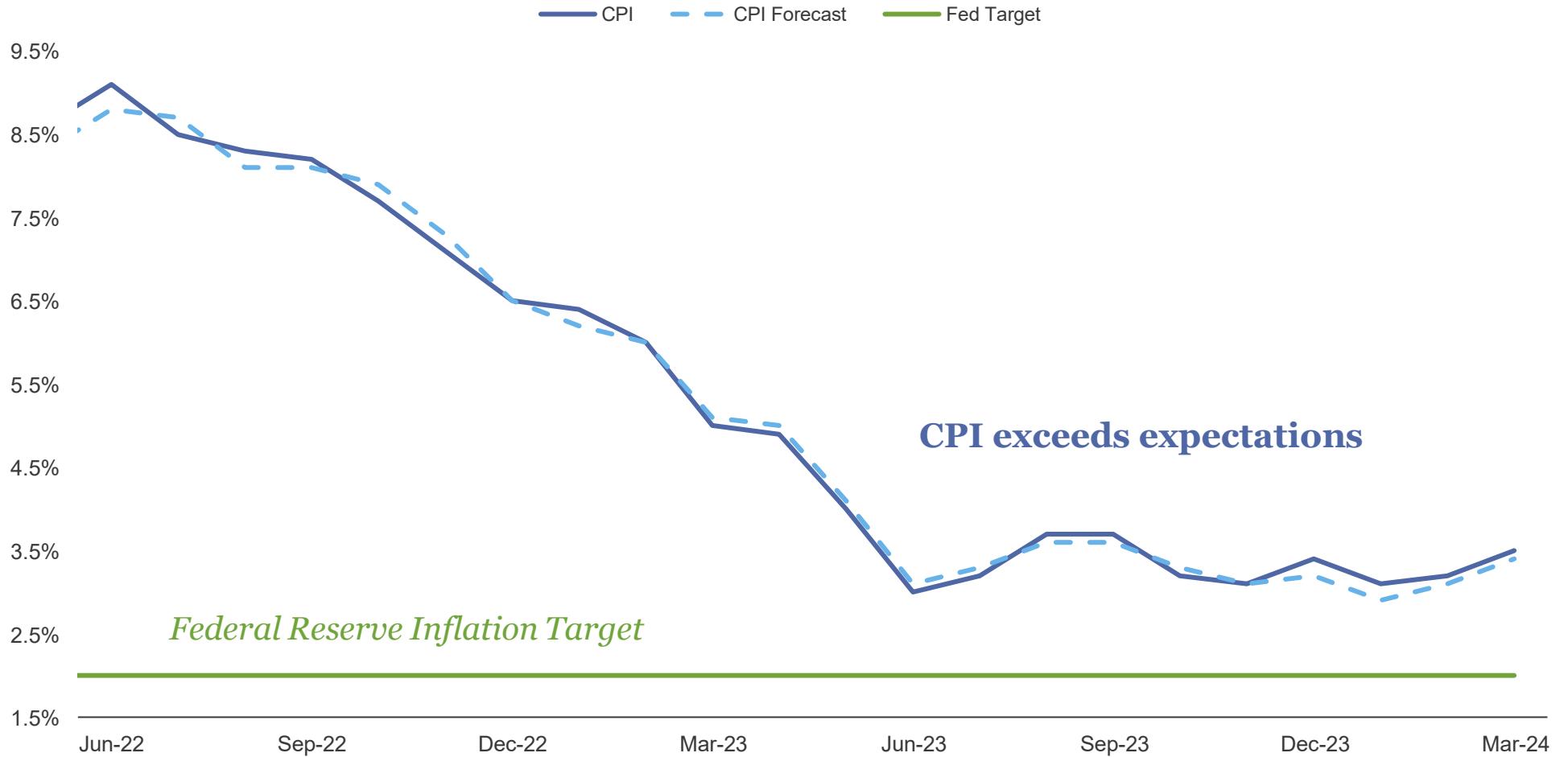
- ▶ Federal Reserve reaffirms rate cut expectations
 - ▶ Forecast of 75 basis points of cuts this year
 - ▶ After entering the year expecting 6 cuts in 2024, markets have adjusted their expectations to only 2 to 3 cuts in 2024
 - ▶ Fed officials reaffirm that restoring price stability is the priority, but further confidence in inflation moving toward the 2% target is needed, which may delay the timing of rate cuts



- ▶ Treasury yields increase following the change in market expectations
 - ▶ Yields on maturities between 2 and 10 years rose 30-40 basis points during the quarter
 - ▶ Yield curve inversion persists
 - ▶ Spreads in most sectors fell to multi-year lows given the strong economic environment

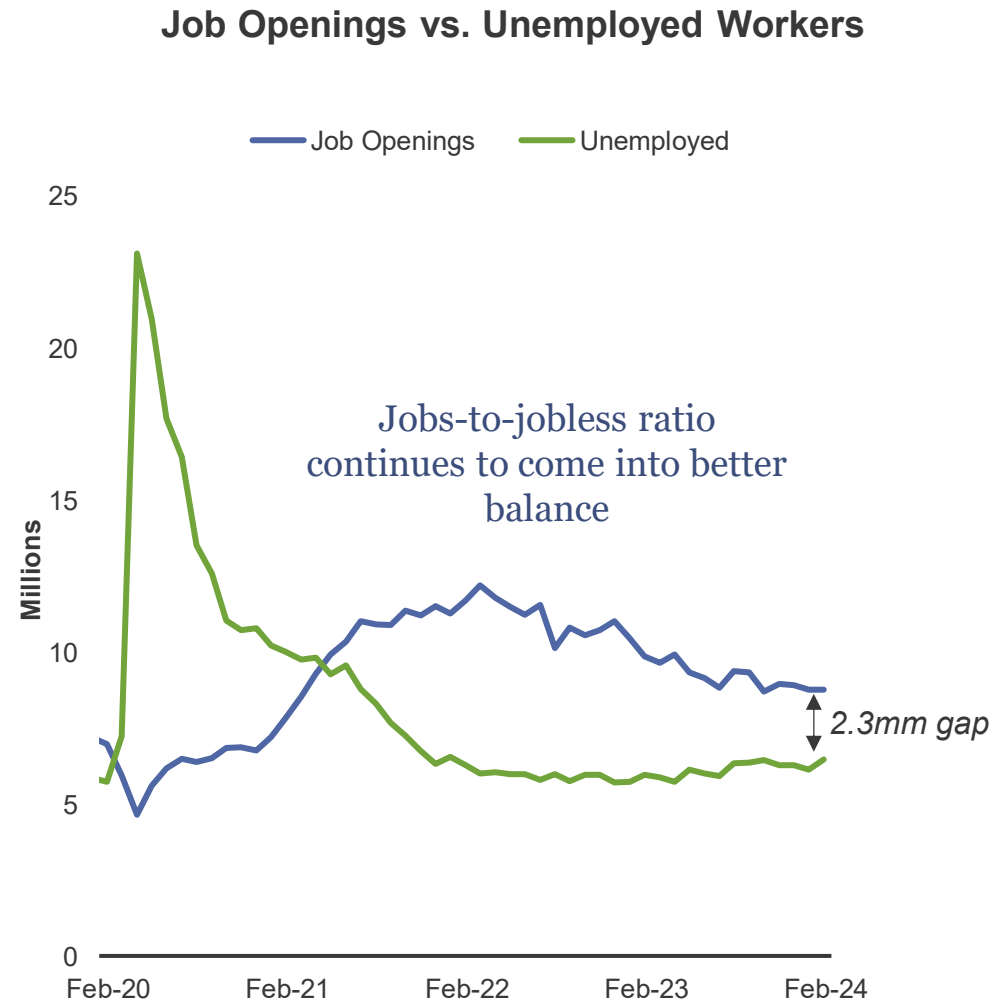
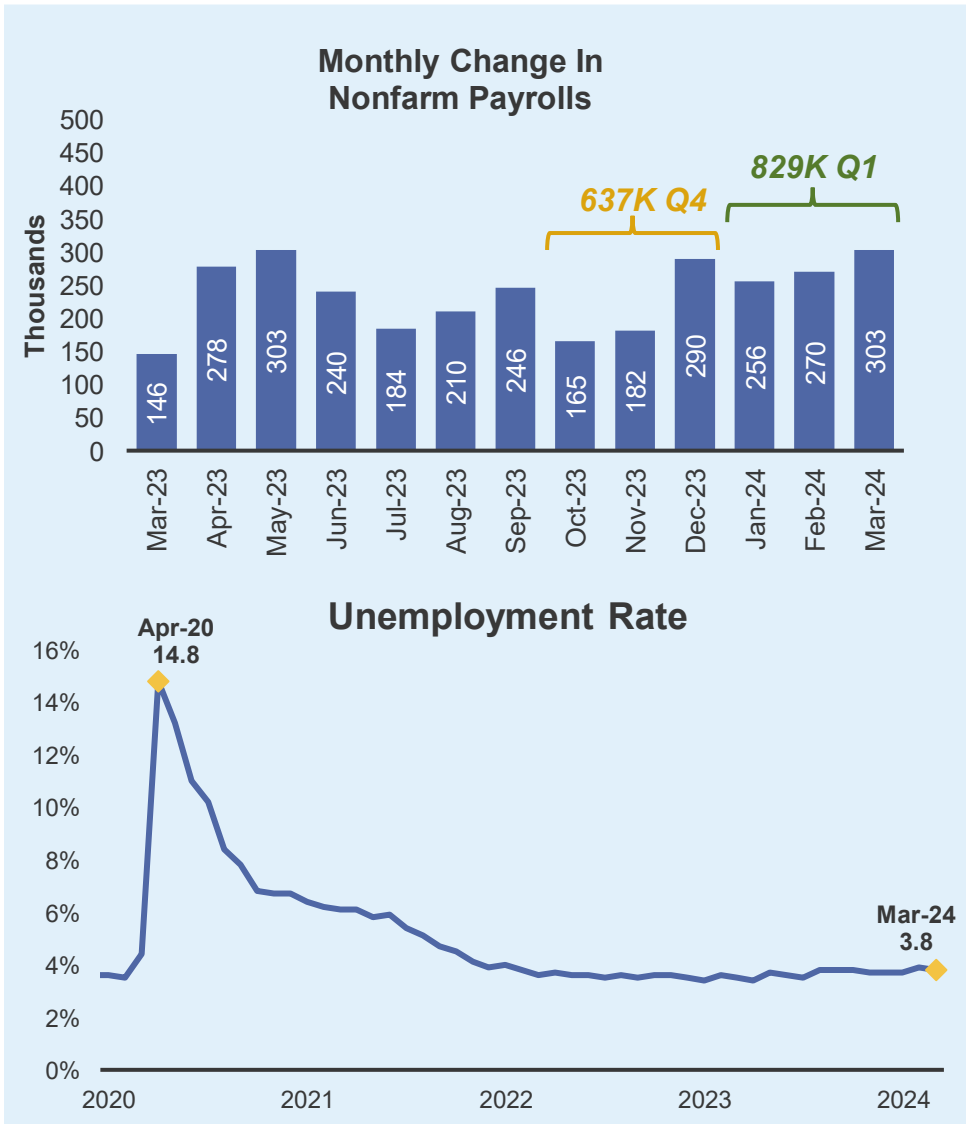
Inflation Remains Range Bound After Significant Decline in CPI in 2022 and Early 2023

Consumer Price Index Year-Over-Year Changes



Source: Bloomberg, as of 4/10/2024.

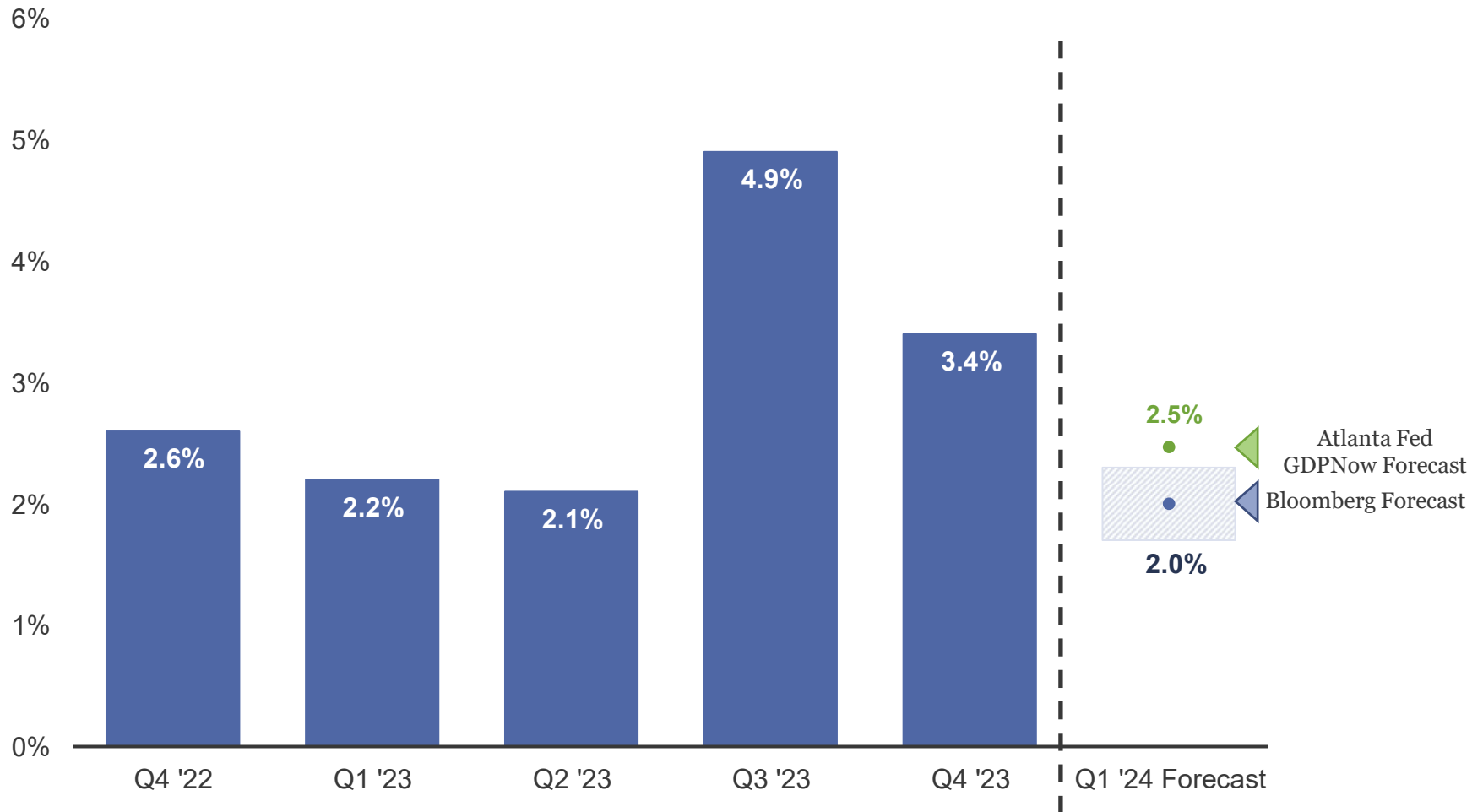
Labor Market Remains Strong



Source: Bloomberg. Job openings as of February 2024. Monthly change in nonfarm payrolls and unemployment rate as of March 2024. Data is seasonally adjusted.

Consumer Spending Continues to Drive Strong Economic Growth

U.S. GDP

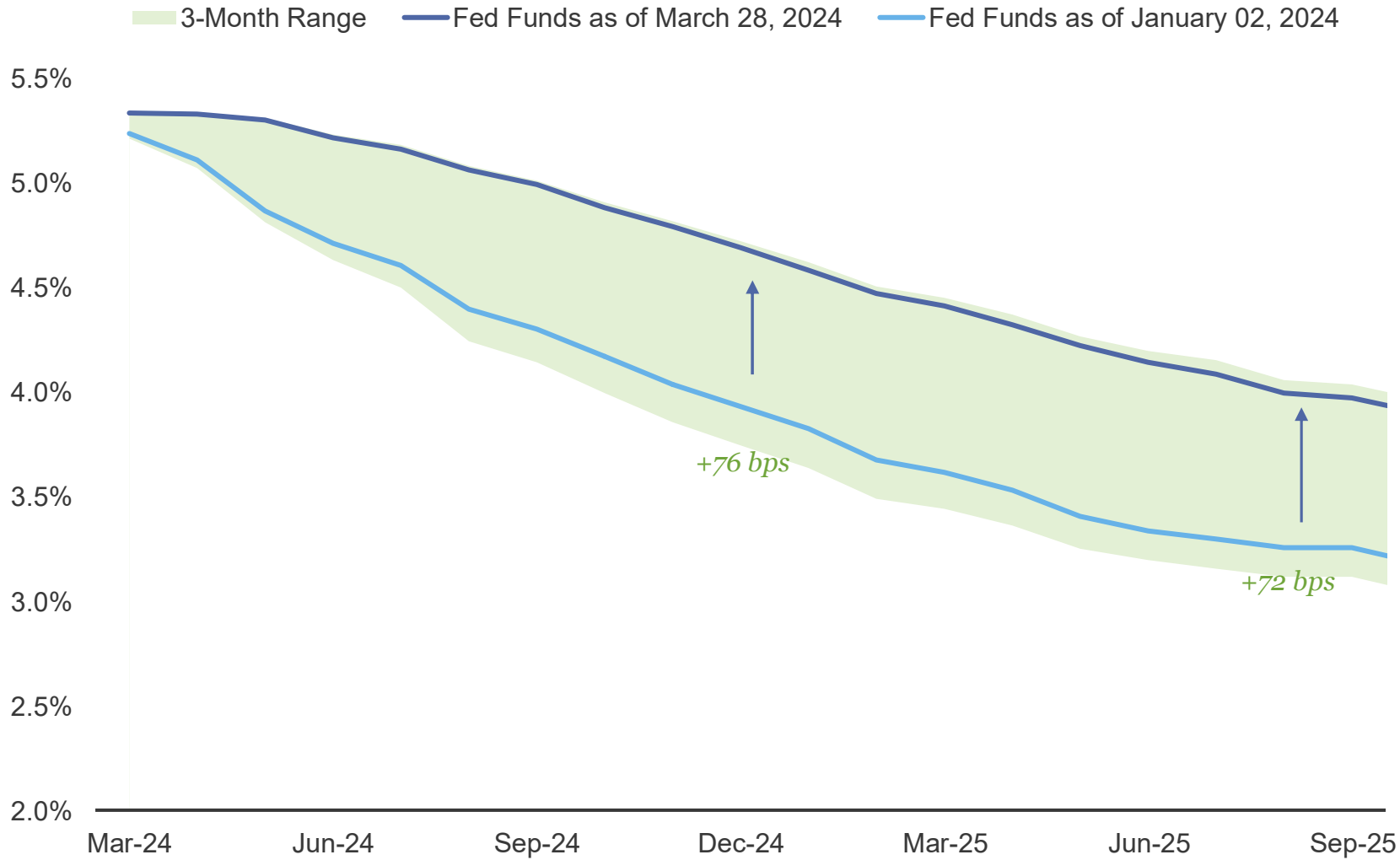


Source: Bureau of Economic Analysis, U.S. Department of Commerce; as of March 28, 2024.

GDPNow estimates provided by the Federal Reserve Bank of Atlanta; as of April 4, 2024. The Atlanta Fed GDPNow estimate is a model-based projection not subject to judgmental adjustments. It is not an official forecast of the Atlanta Fed, its president, the Federal Reserve System, or the Federal Open Market Committee. Bloomberg Forecasts as of March 2024.

Market Reversed Course and Now Expects a Slower Pace of Rate Cuts

Implied Fed Funds Rate



Market reprices expectations for number of cuts in 2024 in response to hotter than expected inflation and a resilient labor market

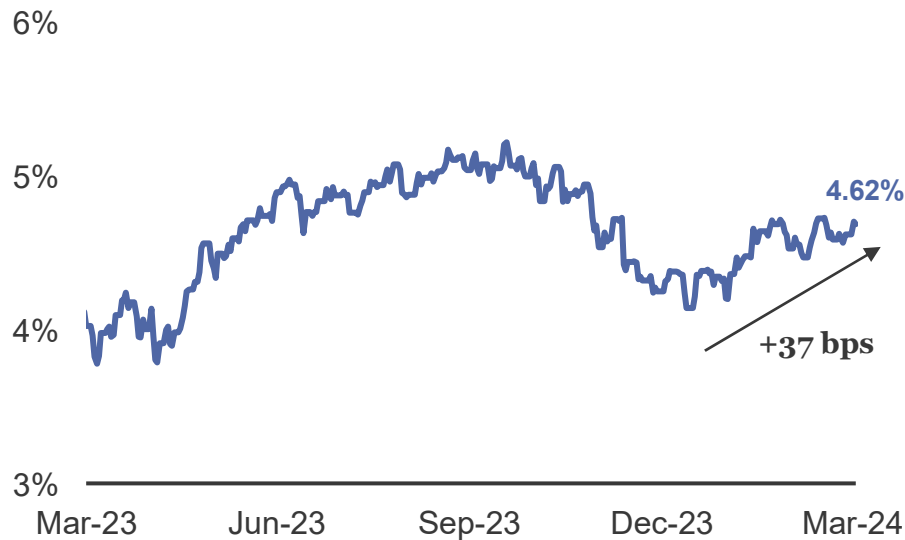
Source: Bloomberg, as of March 2024.

Yields Reprice on Fed Patience

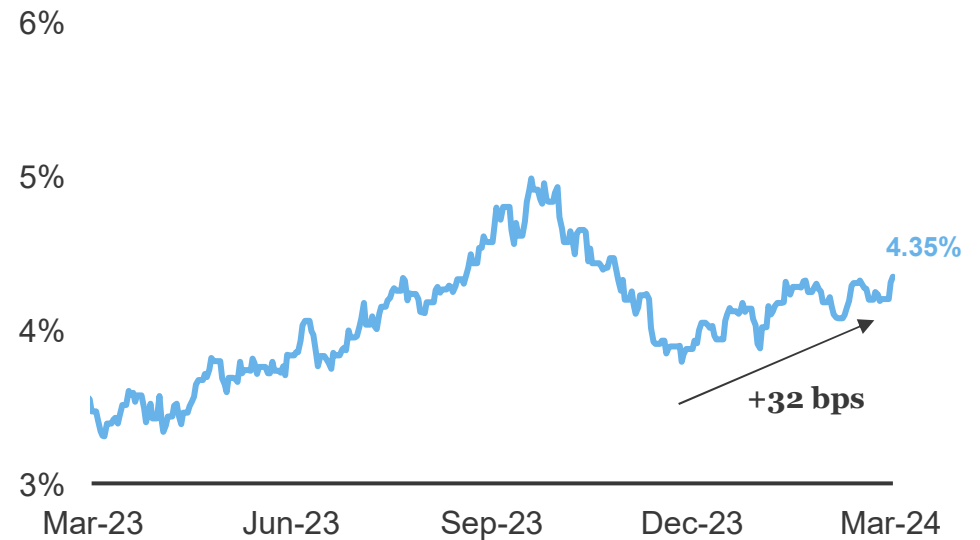
**From the
March 24 FOMC
Meeting
Press Conference**

“...the Committee needs to see **more evidence** to build our **confidence** that inflation is moving down sustainably toward our 2 percent goal, and **we don’t expect that it will be appropriate to begin to reduce rates until we’re more confident** that that is the case”

2-Year Treasury Yield



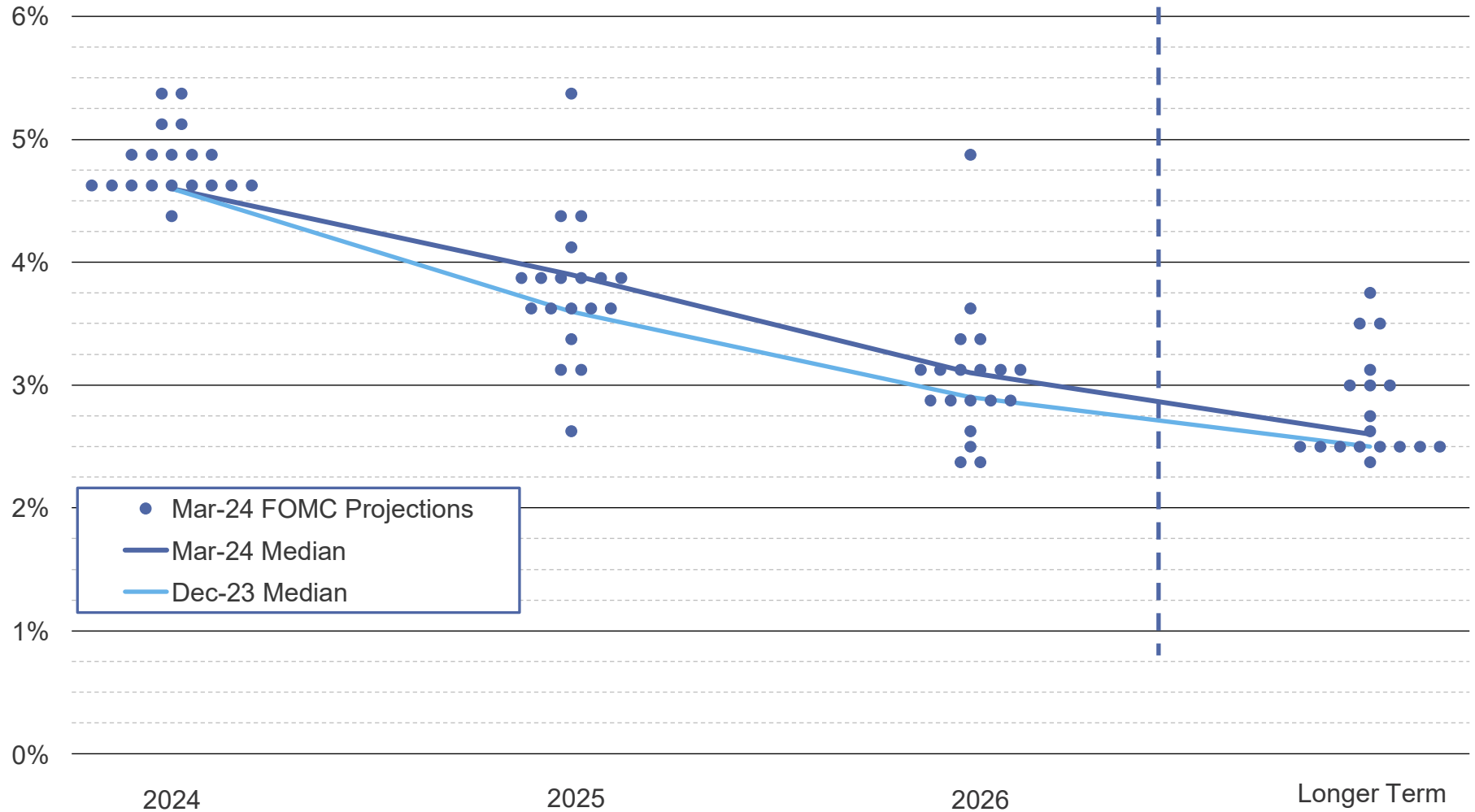
10-Year Treasury Yield



Source: Federal Reserve, Bloomberg, as of 3/31/2024.

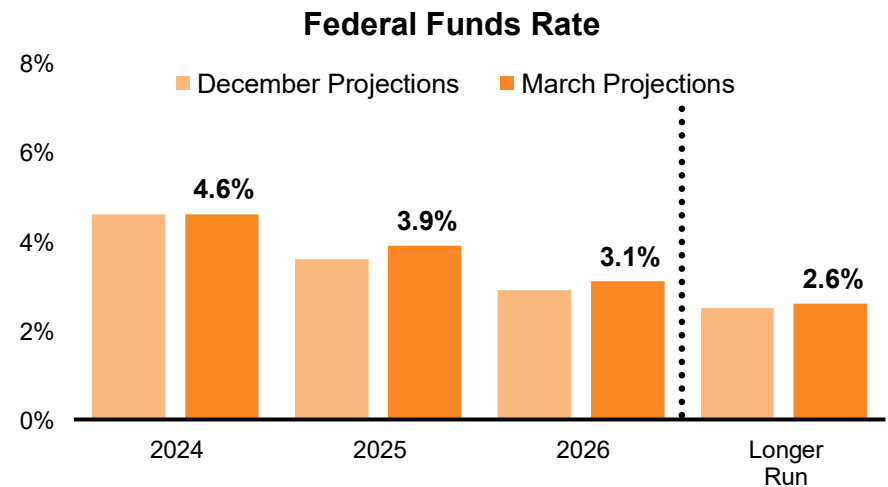
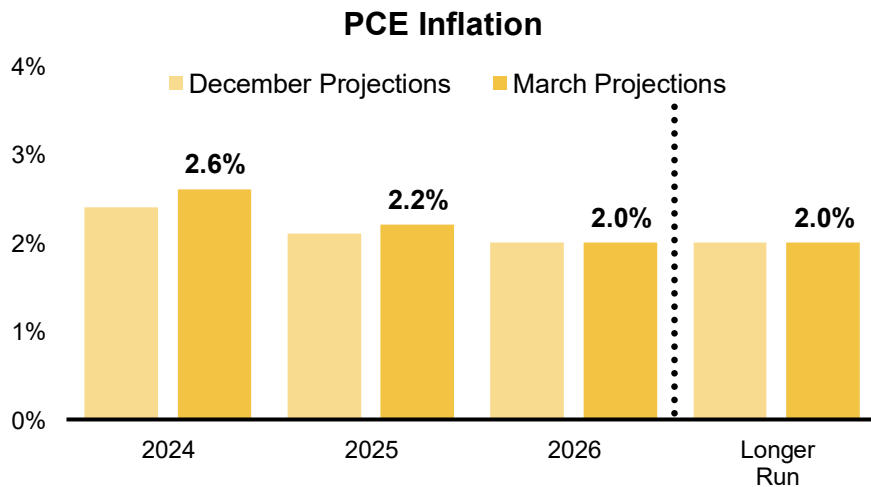
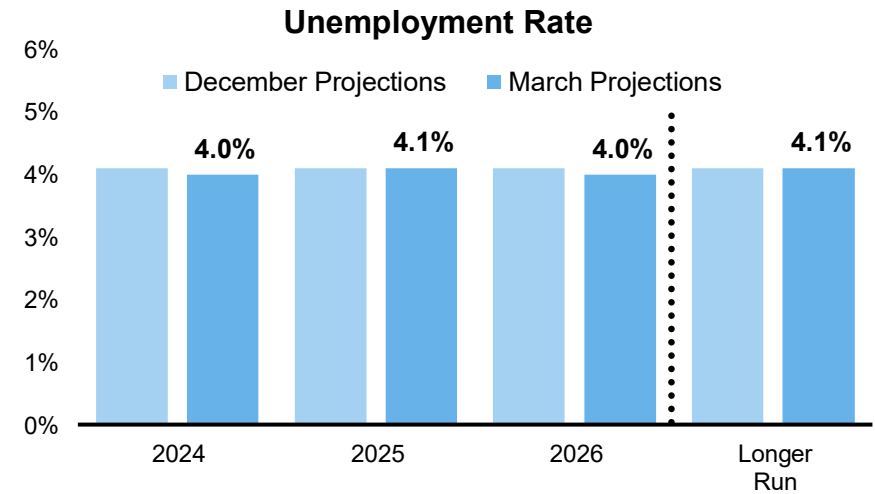
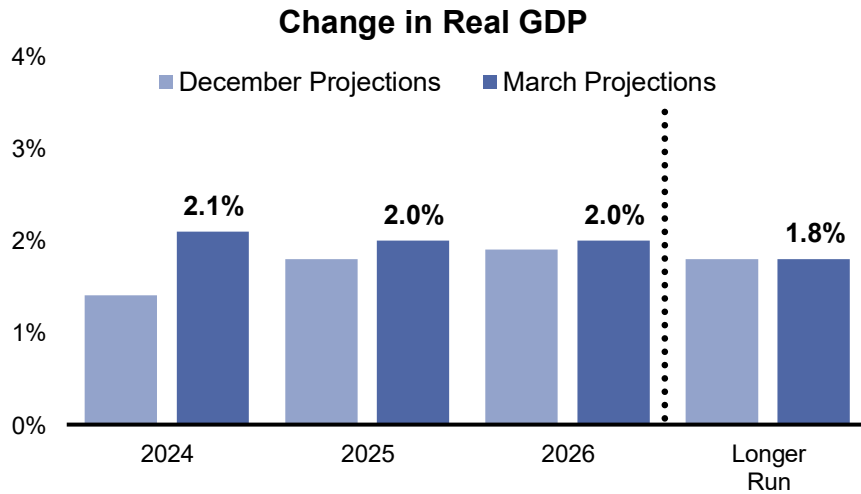
Fed's Updated "Dot Plot" Shows Little Change in 2024 Expectation

Fed Participants' Assessments of 'Appropriate' Monetary Policy



Source: Federal Reserve. Individual dots represent each Fed members' judgement of the midpoint of the appropriate target range for the federal funds rate at each year-end.

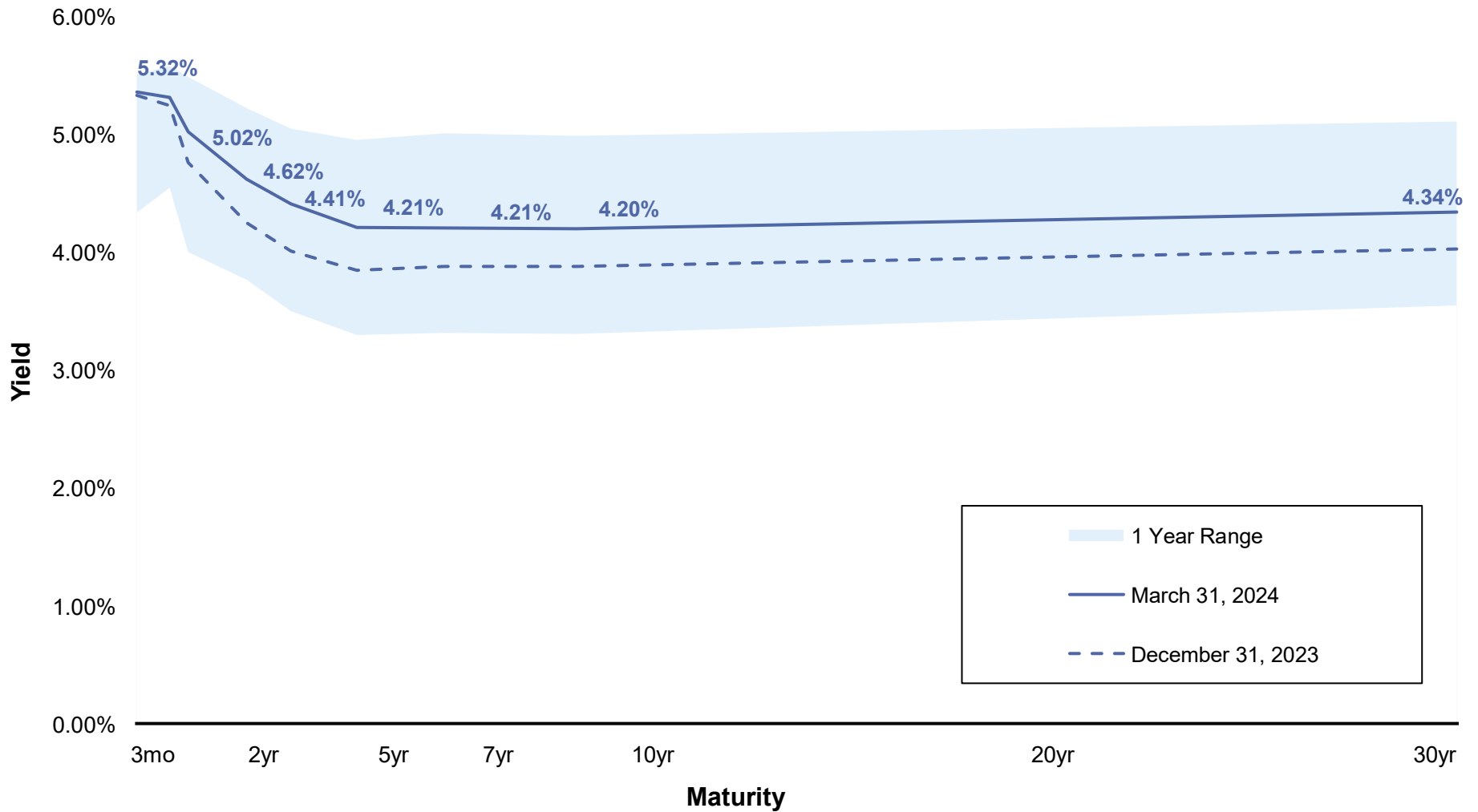
Summary of Economic Projections Show Stronger Economic Story



Source: Federal Reserve, latest economic projections as of March 2024.

Treasury Yields Move Higher as Market Evolves to Revised Fed Expectations

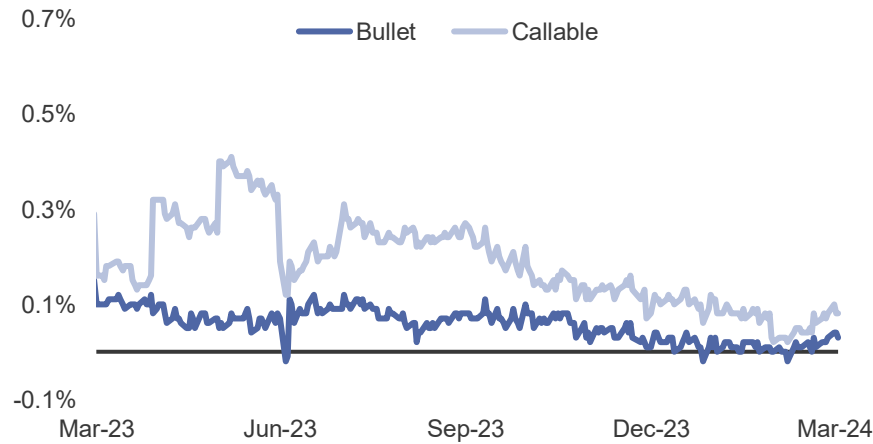
U.S. Treasury Yield Curve



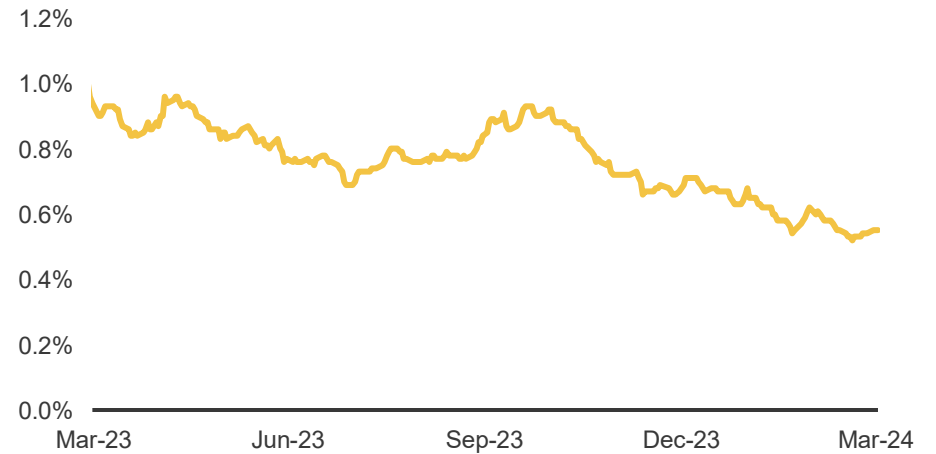
Source: Bloomberg, as of 3/31/2024.

Sector Yield Spreads

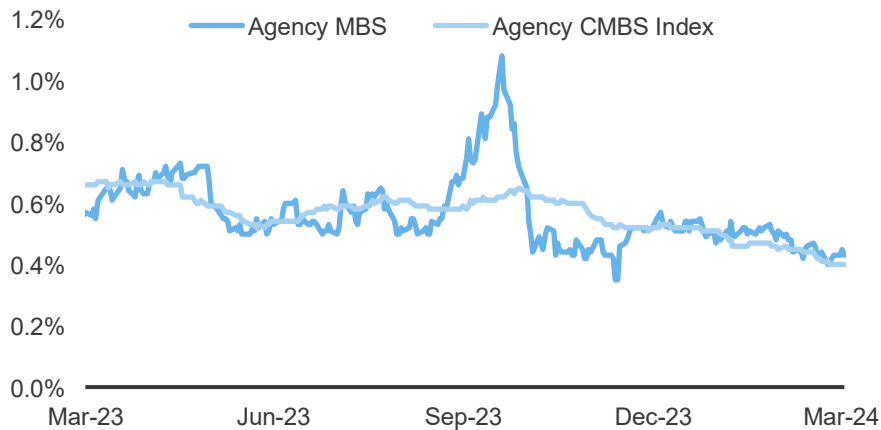
Federal Agency Yield Spreads



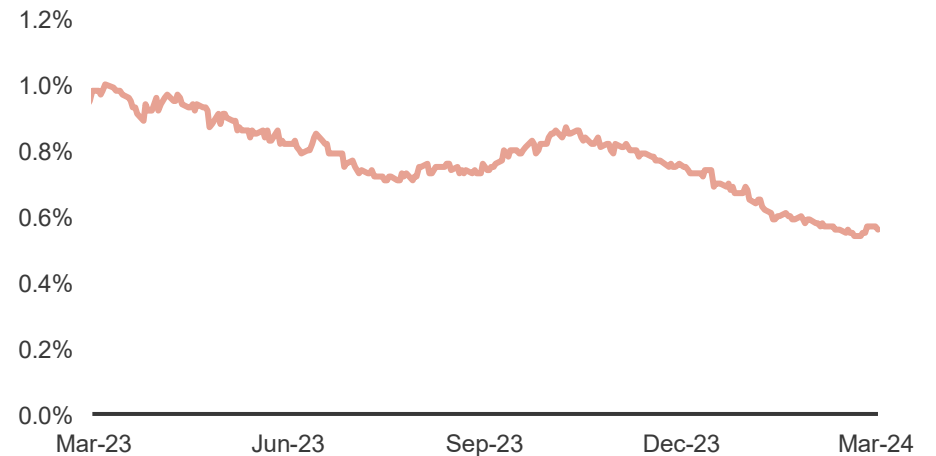
Corporate Notes A-AAA Yield Spreads



Mortgage-Backed Securities Yield Spreads



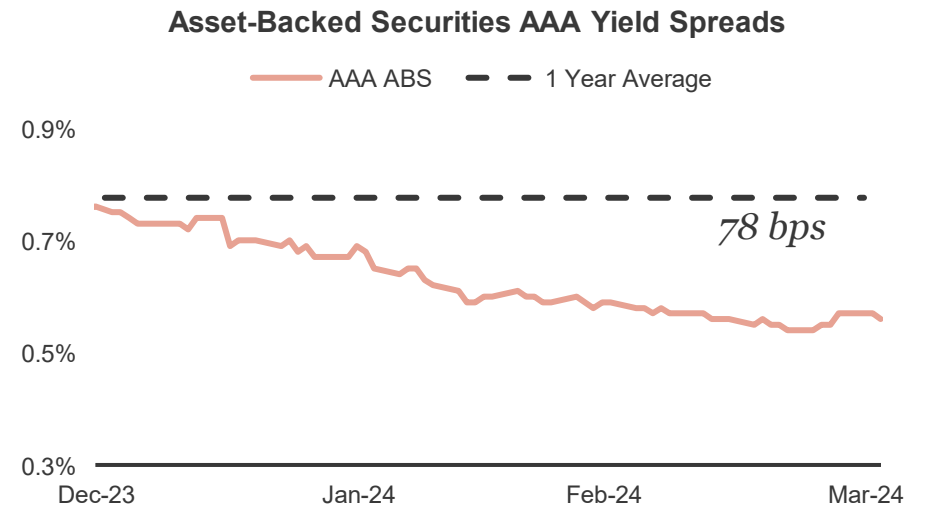
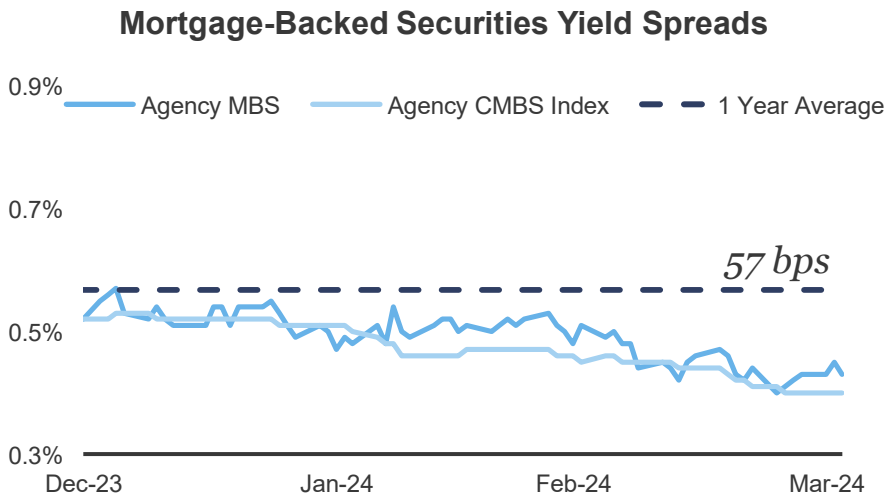
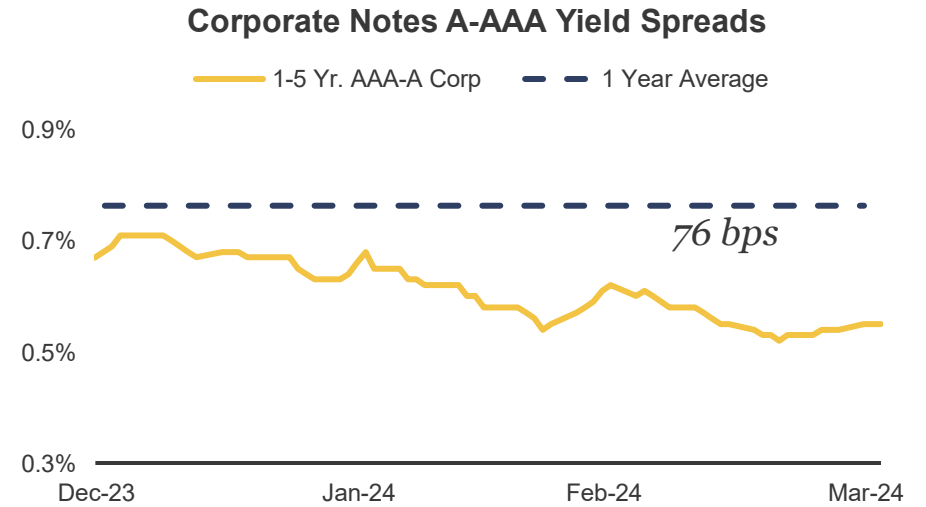
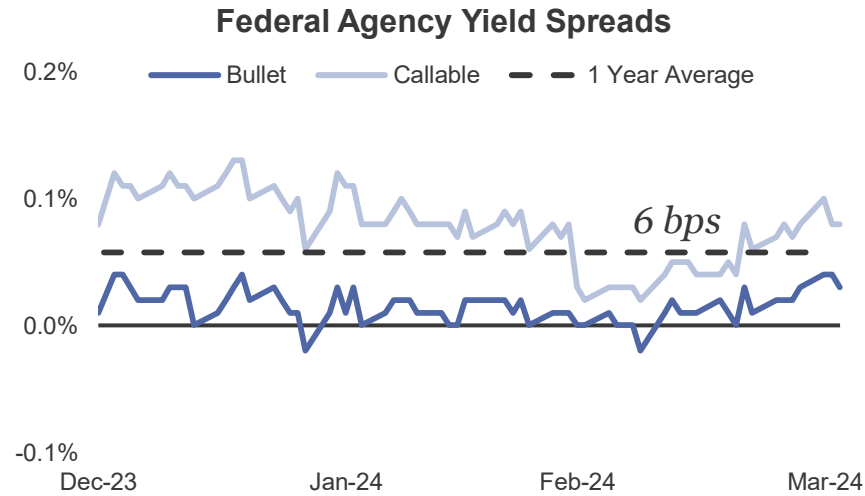
Asset-Backed Securities AAA Yield Spreads



Source: ICE BofA 1-5 year Indices via Bloomberg, MarketAxess and PFAMM as of March 31, 2024. Spreads on ABS and MBS are option-adjusted spreads of 0-5 year indices based on weighted average life; spreads on agencies are relative to comparable maturity Treasuries.

CMBS is Commercial Mortgage-Backed Securities and represented by the ICE BofA Agency CMBS Index.

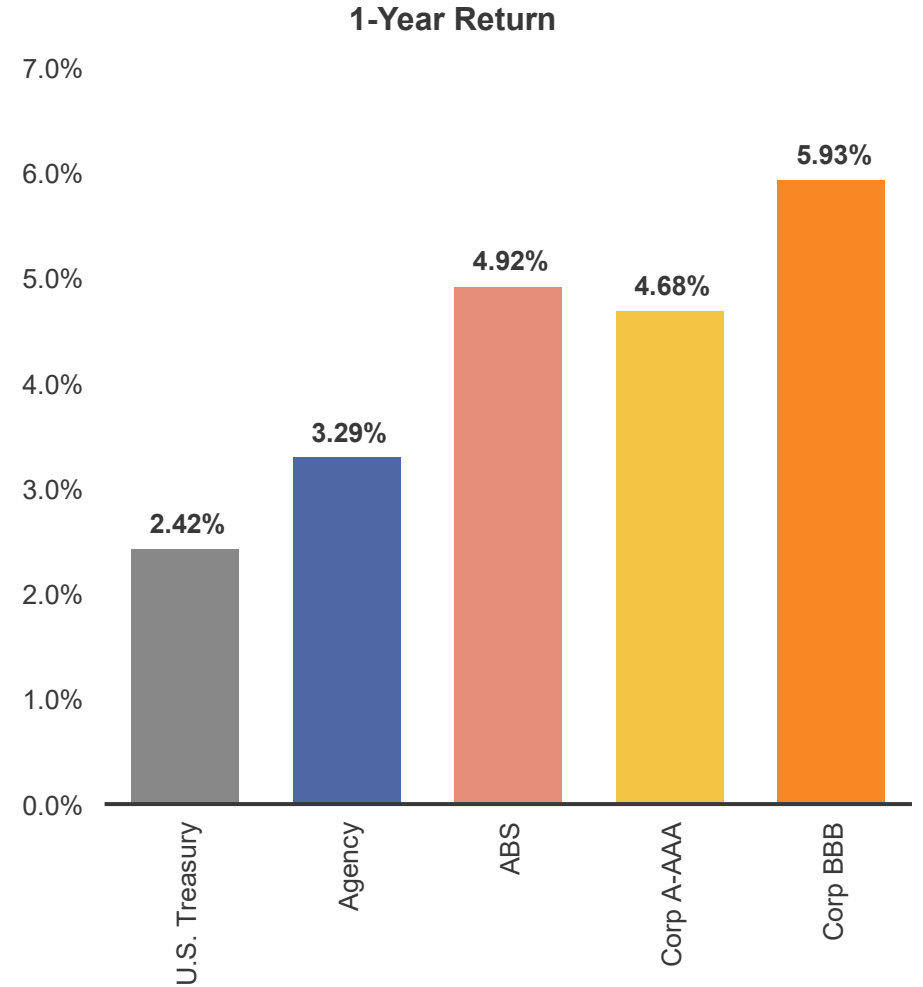
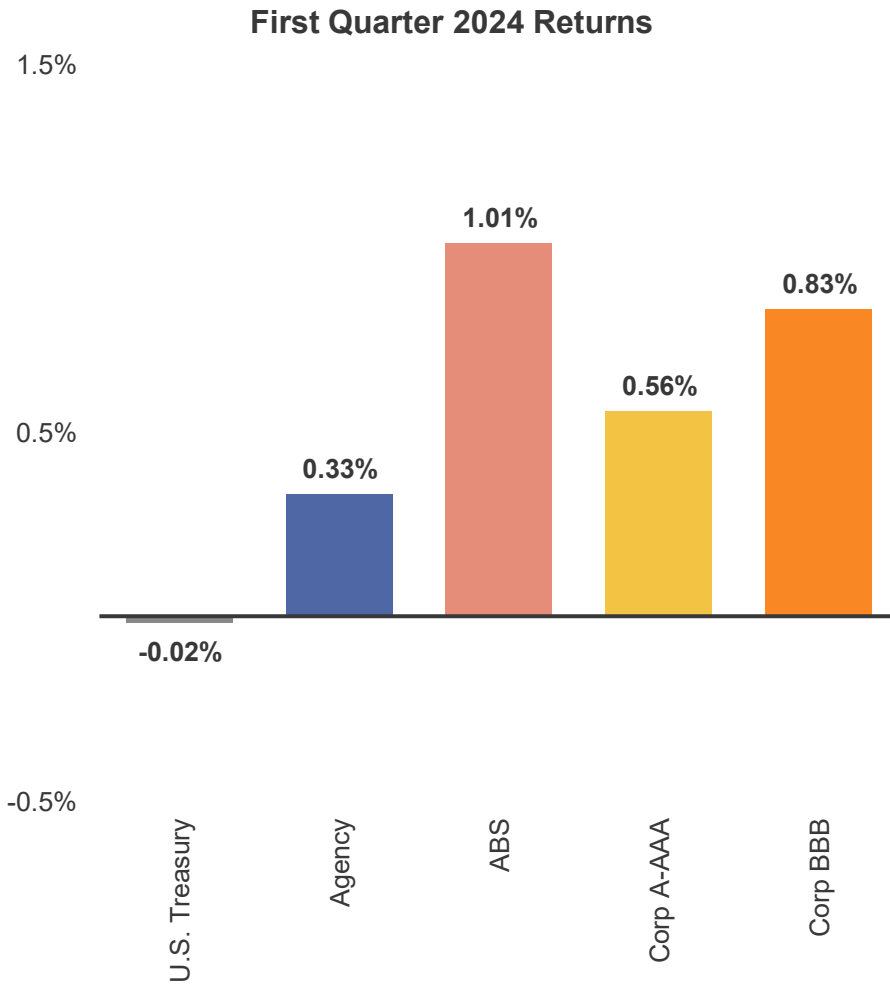
Sector Yield Spreads



Source: ICE BofA 1-5 year Indices via Bloomberg, MarketAxess and PFMAM as of March 31, 2024. Spreads on ABS and MBS are option-adjusted spreads of 0-5 year indices based on weighted average life; spreads on agencies are relative to comparable maturity Treasuries.
 CMBS is Commercial Mortgage-Backed Securities and represented by the ICE BofA Agency CMBS Index.







Fixed-Income Index Total Returns in 1Q 2024

1-5 Year Indices



Source: ICE BofA Indices. ABS indices are 0-5 year, based on weighted average life. As of March 31, 2024.

Factors to Consider for 6-12 Months

<p>Monetary Policy:</p>  <ul style="list-style-type: none"> • Fed guidance implies a soft landing and 3 rate cuts for 2024. Market expectations have been volatile but recently converged to Fed projections. • Globally, central banks are nearing the start of cutting cycles with the Swiss central bank being the first to cut. 	<p>Economic Growth:</p>  <ul style="list-style-type: none"> • U.S. resiliency continues as expectations for a soft-landing command center stage. Strength is led by consumers supported by a robust labor market. • Eurozone growth set to improve in 2024 H2. Although Chinese growth targets seem aspirational, emerging economies are expected to grow. 	<p>Inflation:</p>  <ul style="list-style-type: none"> • Inflation continued to moderate but has proven to be stickier than expected, predominantly in housing and other service sectors. • Further upside surprises in inflation indicators may complicate the Fed's path for monetary policy.
<p>Financial Conditions:</p>  <ul style="list-style-type: none"> • Financial conditions continue to soften as the "Fed pivot" remains in play amid sustained strength in various economic indicators. • With interest rates elevated, we continue to focus on identifying potential pockets of stress within financial markets. 	<p>Consumer Spending (U.S.):</p>  <ul style="list-style-type: none"> • Consumer confidence reached a multi-year high following strong wage growth, a resilient labor market, and slowly moderating inflation. • Hiring and wage growth have played a role in boosting personal income, which combined with record U.S. household net worth, supported spending. 	<p>Labor Markets:</p>  <ul style="list-style-type: none"> • The labor market remains strong, but a few indicators are moderating from the extreme tightness of 2022. • No sign of weakness in typical economically-sensitive industries, like retail, leisure and hospitality, and construction.

● **Current outlook** ○ **Outlook one quarter ago**



Statements and opinions expressed about the next 6-12 months were developed based on our independent research with information obtained from Bloomberg. The views expressed within this material constitute the perspective and judgment of PFM Asset Management LLC at the time of distribution (3/31/2024) and are subject to change. Information is obtained from sources generally believed to be reliable and available to the public; however, PFM Asset Management LLC cannot guarantee its accuracy, completeness, or suitability.

Fixed-Income Sector Commentary – 1Q 2024

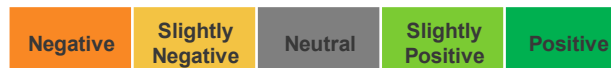
- ▶ **U.S. Treasuries** markets spent the quarter adjusting its expectations as strong economic data and Fed commentary pushed back on the notion that a rate cut was imminent. Yields reflected the repricing and are higher by over 30 basis points for maturities greater than a year.
- ▶ **Federal Agency, Municipal, and Supranational** yield spreads remained low and range bound. These sectors eked out positive excess returns, mostly from their modest incremental income. Callable agencies outperformed bullet agencies, as bond market volatility generally waned from recent multi-year highs.
- ▶ **Investment-Grade (IG) Corporates** produced strong excess returns on robust market demand and continued spread tightening in the sector. IG corporates finished the quarter at their tightest spread levels in over two years. Lower rated issues performed best. With spreads near historical tights, some caution in the sector is warranted.
- ▶ **Asset-Backed Securities** were the strongest-performing fixed income sector. The rally in the sector was led by ongoing optimism regarding the strength of the American consumer and, like IG corporates, robust appetite for investment opportunities in the sector. Incremental income from ABS remains attractive and our fundamental outlook for the economy is supportive for the sector.
- ▶ **Mortgage-Backed Securities** performance was mixed with spreads widening in longer maturity structures. Volatility was relatively muted compared to Q4 and helped bolster returns in the sector. Agency commercial mortgage-backed security spreads tightened more aggressively relative to pass-throughs, resulting in strong relative performance.
- ▶ **Short-term credit** (commercial paper and negotiable bank CDs) yield spreads continued to tighten over the quarter while the credit curve has steepened. Shorter-term maturities are less attractive and we prefer issues with maturities between 6 and 12 months.

Fixed-Income Sector Outlook – 2Q 2024

Sector	Our Investment Preferences
COMMERCIAL PAPER / CD	
TREASURIES	
T-Bill	
T-Note	
FEDERAL AGENCIES	
Bullets	
Callables	
SUPRANATIONALS	
CORPORATES	
Financials	
Industrials	
SECURITIZED	
Asset-Backed	
Agency Mortgage-Backed	
Agency CMBS	
MUNICIPALS	

● Current outlook

○ Outlook one quarter ago



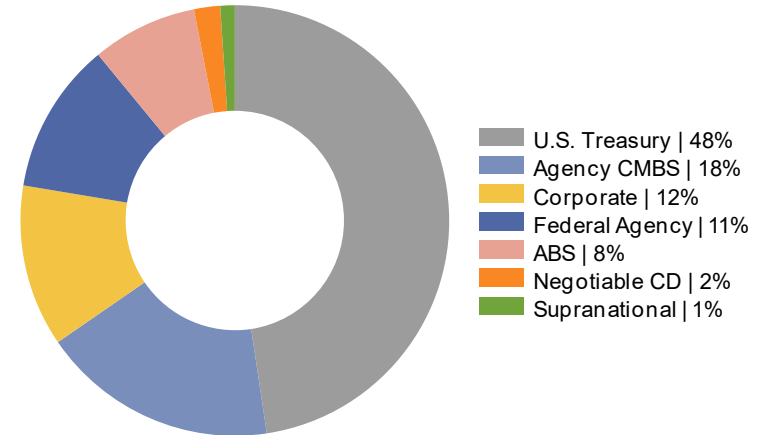
Portfolio Review:
UNION SANITARY DISTRICT

Consolidated Summary

Account Summary

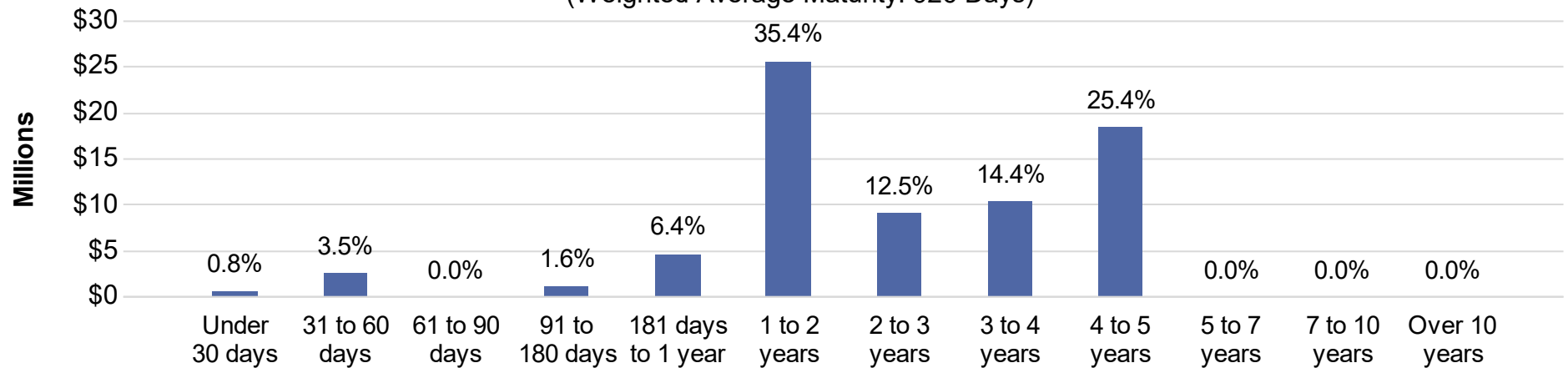
PFMAM Managed Account	\$72,361,655
Total Program	\$72,361,655

Sector Allocation



Maturity Distribution

(Weighted Average Maturity: 926 Days)



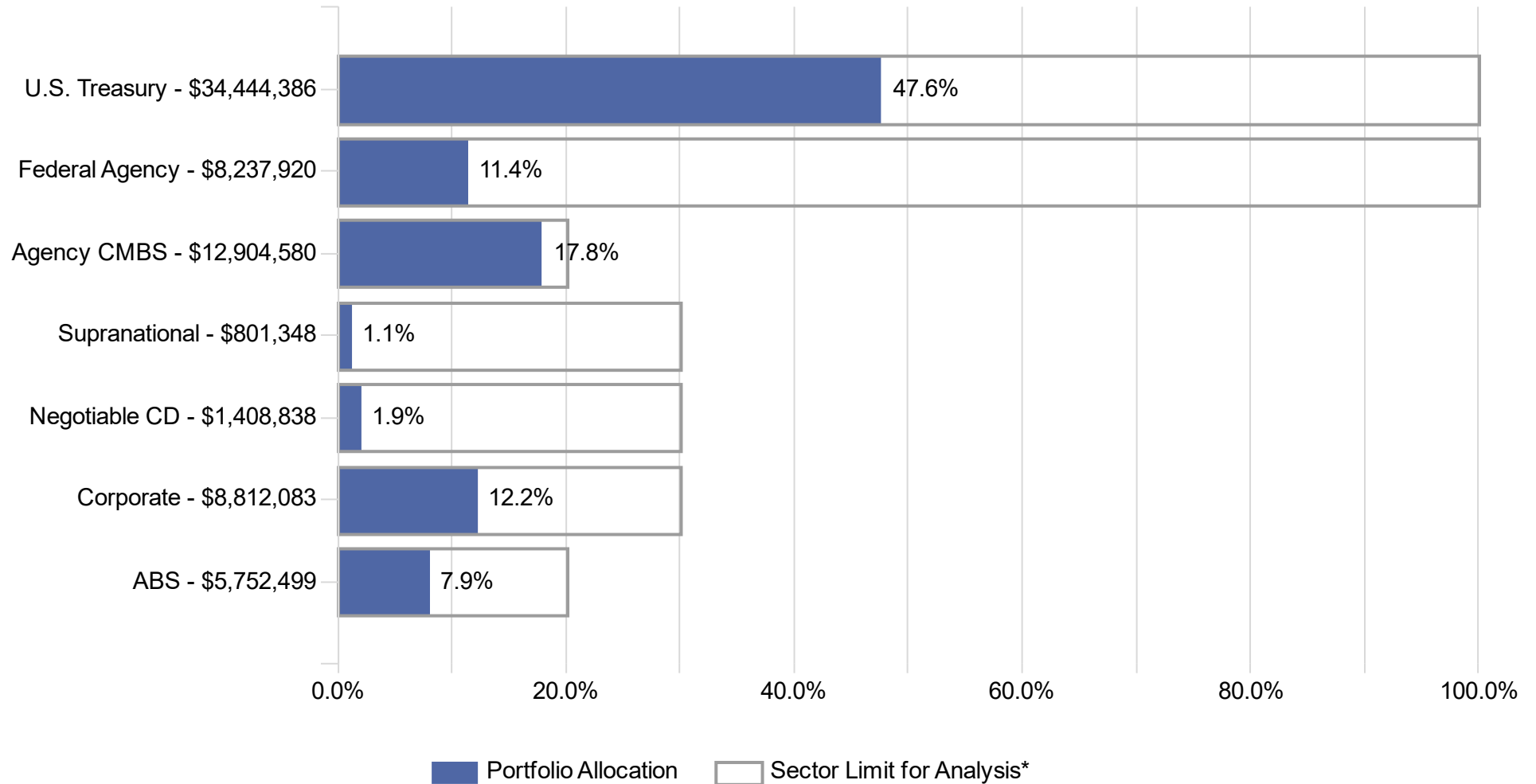
Account summary and sector allocation include market values, accrued interest, and overnight balances. Maturity distribution includes market values and excludes accrued interest and overnight balances

Account Summary

UNION SANITARY DISTRICT			
Portfolio Values	March 31, 2024	Analytics ¹	March 31, 2024
PFMAM Managed Account	\$72,086,267	Yield at Market	4.82%
Amortized Cost	\$73,978,330	Yield on Cost	2.87%
Market Value	\$72,086,267	Portfolio Duration	2.15
Accrued Interest	\$275,388		
Cash	\$0		

1. Yield at market, yield on cost, and portfolio duration only include investments held within the separately managed account(s), excludes balances invested in overnight funds.

Sector Allocation Analytics



For informational/analytical purposes only and is not provided for compliance assurance. Includes accrued interest.

*Sector Limit for Analysis is as derived from our interpretation of your most recent Investment Policy as provided.

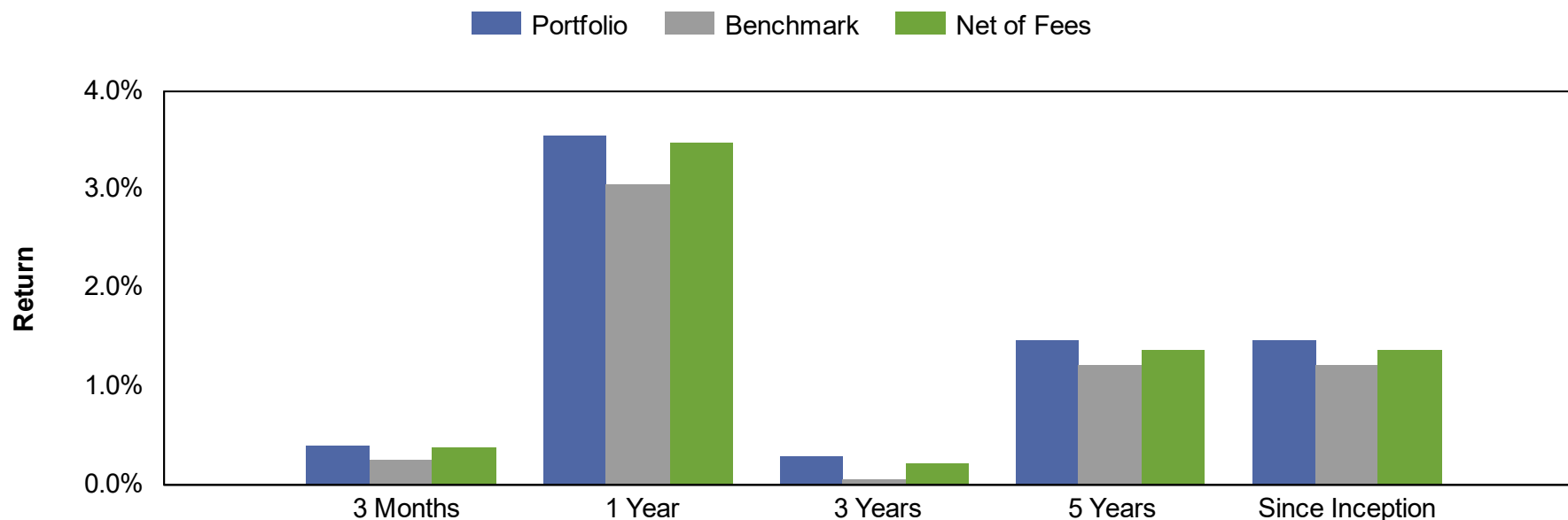
Issuer Diversification

Security Type / Issuer	Market Value (%)	S&P / Moody's / Fitch
U.S. Treasury	47.6%	
UNITED STATES TREASURY	47.6%	AA / Aaa / AA
Federal Agency	11.4%	
FANNIE MAE	6.5%	AA / Aaa / AA
FEDERAL HOME LOAN BANKS	0.7%	AA / Aaa / NR
FREDDIE MAC	4.2%	AA / Aaa / AA
Agency CMBS	17.8%	
FANNIE MAE	1.0%	AA / Aaa / AA
FREDDIE MAC	16.9%	AA / Aaa / AA
Supranational	1.1%	
INTER-AMERICAN DEVELOPMENT BANK	1.1%	AAA / Aaa / AAA
Negotiable CD	1.9%	
RABOBANK NEDERLAND	1.0%	A / Aa / AA
TORONTO-DOMINION BANK	1.0%	A / A / NR
Corporate	12.2%	
BANK OF AMERICA CO	1.5%	A / Aa / AA
BLACKROCK INC	0.1%	AA / Aa / NR
BRISTOL-MYERS SQUIBB CO	0.3%	A / A / NR
CITIGROUP INC	1.5%	A / A / A
DEERE & COMPANY	0.8%	A / A / A
GOLDMAN SACHS GROUP INC	0.5%	BBB / A / A
HOME DEPOT INC	1.0%	A / A / A
JP MORGAN CHASE & CO	1.6%	A / Aa / AA
MICROSOFT CORP	1.0%	AAA / Aaa / NR
NOVARTIS AG	1.0%	AA / Aa / AA
PACCAR FINANCIAL CORP	0.7%	A / A / NR

Security Type / Issuer	Market Value (%)	S&P / Moody's / Fitch
Corporate	12.2%	
TARGET CORP	0.7%	A / A / A
THE BANK OF NEW YORK MELLON CORPORATION	1.0%	A / A / AA
TOYOTA MOTOR CORP	0.6%	A / A / A
ABS	7.9%	
AMERICAN EXPRESS CO	0.8%	AAA / NR / AAA
BANK OF AMERICA CO	1.6%	NR / Aaa / AAA
CARMAX AUTO OWNER TRUST	0.1%	AAA / NR / AAA
CHASE ISSURANCE	1.7%	AAA / NR / AAA
CITIGROUP INC	0.2%	AAA / Aaa / AAA
DISCOVER FINANCIAL SERVICES	0.2%	AAA / Aaa / NR
FIFTH THIRD AUTO TRUST	0.7%	AAA / Aaa / NR
GM FINANCIAL CONSUMER AUTOMOBILE TRUST	0.1%	NR / Aaa / AAA
HONDA AUTO RECEIVABLES	0.6%	AAA / Aaa / AAA
HYUNDAI AUTO RECEIVABLES	0.4%	AAA / NR / AAA
KUBOTA CREDIT OWNER TRUST	0.2%	NR / Aaa / AAA
TOYOTA MOTOR CORP	0.5%	AAA / Aaa / AAA
USAA AUTO OWNER TRUST	0.8%	AAA / Aaa / NR
Total	100.0%	

Ratings shown are calculated by assigning a numeral value to each security rating, then calculating a weighted average rating for each security type / issuer category using all available security ratings, excluding Not-Rated (NR) ratings. For security type / issuer categories where a rating from the applicable NRSRO is not available, a rating of NR is assigned. Includes accrued interest and excludes balances invested in overnight funds.

Portfolio Performance



Market Value Basis Earnings	3 Months	1 Year	3 Years	5 Years	Since Inception ¹
Interest Earned ²	\$432,493	\$1,384,143	\$3,035,343	\$5,062,885	\$5,062,885
Change in Market Value	(\$143,983)	\$1,152,719	(\$2,412,447)	(\$753,291)	(\$753,291)
Total Dollar Return	\$288,510	\$2,536,862	\$622,896	\$4,309,594	\$4,309,594
Total Return³					
Portfolio	0.39%	3.55%	0.30%	1.46%	1.46%
Benchmark ⁴	0.25%	3.05%	0.06%	1.21%	1.20%
Basis Point Fee	0.02%	0.08%	0.08%	0.08%	0.08%
Net of Fee Return	0.37%	3.47%	0.21%	1.37%	1.37%

1. The lesser of 10 years or since inception is shown. Since inception returns for periods one year or less are not shown. Performance inception date is March 31, 2019.

2. Interest earned calculated as the ending accrued interest less beginning accrued interest, plus net interest activity.

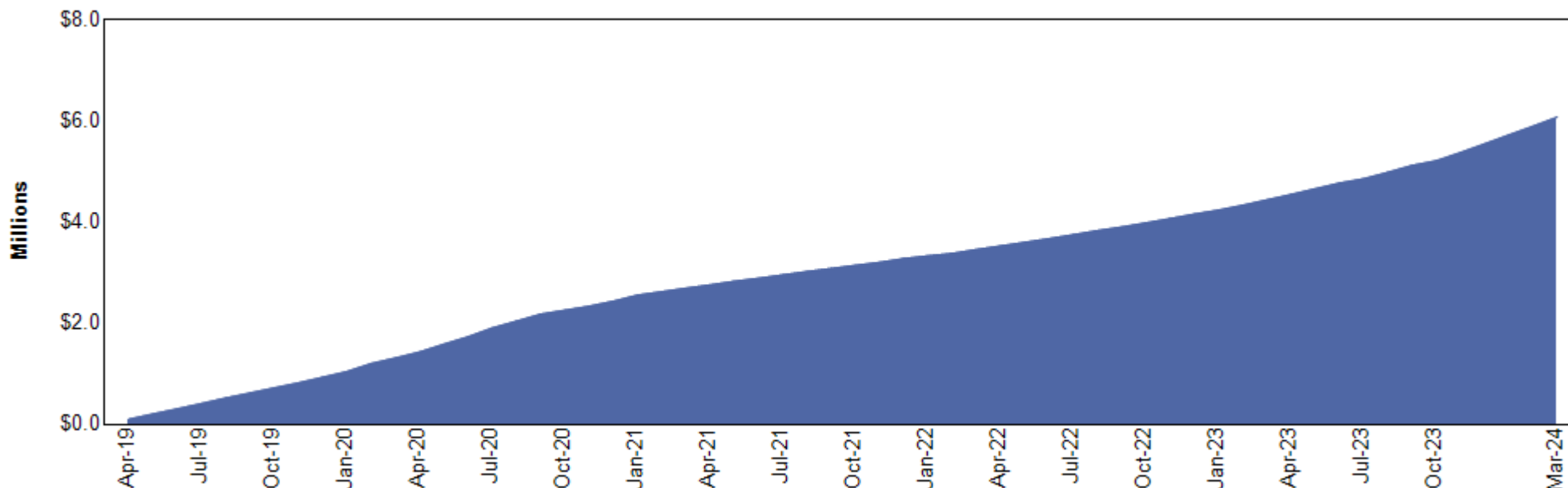
3. Returns for periods one year or less are presented on a periodic basis. Returns for periods greater than one year are presented on an annualized basis.

4. The portfolio's benchmark is the ICE BofA 0-5 Year U.S. Treasury Index. Source: Bloomberg.

Periodic Performance

Periodic Performance				
	Current Quarter	Q4 2023	Q3 2023	Since Inception 3/31/2019
Net Accrual Earnings	\$432,493	\$401,676	\$299,115	\$5,062,885
Change in Market Value	(\$143,983)	\$1,702,615	\$10,027	(\$753,291)
Total Dollar Return	\$288,510	\$2,104,291	\$309,142	\$4,309,594
Fees in Basis Points	0.02%	0.02%	0.02%	0.08%
Net of Fees Return	0.37%	2.91%	0.42%	1.37%

Accrual Basis Earnings - UNION SANITARY DISTRICT



Accrual Basis Earnings	3 Months	1 Year	3 Years	5 Year	Since Inception ¹
Interest Earned ²	\$432,493	\$1,384,143	\$3,035,343	\$5,062,885	\$5,062,885
Realized Gains / (Losses) ³	(\$1,141)	(\$132,582)	(\$171,040)	\$398,574	\$398,574
Change in Amortized Cost	\$96,878	\$385,800	\$521,006	\$610,681	\$610,681
Total Earnings	\$528,230	\$1,637,361	\$3,385,310	\$6,072,139	\$6,072,139

1. The lesser of 10 years or since inception is shown. Performance inception date is March 31, 2019.
 2. Interest earned calculated as the ending accrued interest less beginning accrued interest, plus net interest activity.
 3. Realized gains / (losses) are shown on an amortized cost basis.

Certificate of Compliance

During the reporting period for the quarter ended March 31, 2024, the account(s) managed by PFM Asset Management ("PFMAM") were in compliance with the applicable investment policy and guidelines as furnished to PFMAM.

Acknowledged : *PFM Asset Management LLC*

Note: Pre- and post-trade compliance for the account(s) managed by PFM Asset Management is provided via Bloomberg Asset and Investment Management ("AIM").

Issuer Distribution As of March 31, 2024

Issuer	Market Value (\$)	% of Portfolio
UNITED STATES TREASURY	34,334,650	47.62%
FREDDIE MAC	15,175,921	21.04%
FANNIE MAE	5,368,084	7.44%
BANK OF AMERICA CO	2,180,984	3.03%
CITIGROUP INC	1,251,113	1.74%
CHASE ISSURANCE	1,215,668	1.69%
JP MORGAN CHASE & CO	1,135,278	1.57%
INTER-AMERICAN DEVELOPMENT BANK	801,257	1.11%
TOYOTA MOTOR CORP	788,776	1.09%
NOVARTIS AG	747,338	1.04%
RABOBANK NEDERLAND	695,694	0.97%
MICROSOFT CORP	692,209	0.96%
HOME DEPOT INC	690,727	0.96%
THE BANK OF NEW YORK MELLON CORPORATION	689,455	0.96%
TORONTO-DOMINION BANK	689,165	0.96%
AMERICAN EXPRESS CO	589,981	0.82%
USAA AUTO OWNER TRUST	574,015	0.80%
DEERE & COMPANY	553,290	0.77%
FEDERAL HOME LOAN BANKS	534,414	0.74%
PACCAR FINANCIAL CORP	526,202	0.73%
TARGET CORP	515,046	0.71%
FIFTH THIRD AUTO TRUST	493,226	0.68%
HONDA AUTO RECEIVABLES	461,534	0.64%
GOLDMAN SACHS GROUP INC	371,929	0.52%

Issuer	Market Value (\$)	% of Portfolio
HYUNDAI AUTO RECEIVABLES	285,506	0.40%
BRISTOL-MYERS SQUIBB CO	187,673	0.26%
KUBOTA CREDIT OWNER TRUST	180,468	0.25%
DISCOVER FINANCIAL SERVICES	151,565	0.21%
BLACKROCK INC	70,039	0.10%
GM FINANCIAL CONSUMER AUTOMOBILE TRUST	69,813	0.10%
CARMAX AUTO OWNER TRUST	65,249	0.09%
Grand Total	72,086,267	100.00%

Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury											
US TREASURY NOTES DTD 05/01/2017 2.000% 04/30/2024	912828X70	590,000.00	AA+	Aaa	6/3/2019	6/7/2019	592,996.09	1.89	4,959.89	590,048.57	588,340.63
US TREASURY NOTES DTD 05/15/2021 0.250% 05/15/2024	91282CCC3	2,530,000.00	AA+	Aaa	12/21/2021	12/21/2021	2,496,101.95	0.81	2,397.94	2,528,297.36	2,514,187.50
US TREASURY NOTES DTD 06/30/2017 2.000% 06/30/2024	912828XX3	355,000.00	AA+	Aaa	7/1/2019	7/3/2019	358,660.93	1.78	1,794.51	355,180.64	352,004.69
US TREASURY NOTES DTD 10/31/2019 1.500% 10/31/2024	912828YM6	60,000.00	AA+	Aaa	1/11/2021	1/12/2021	62,655.47	0.33	378.30	60,407.50	58,715.63
US TREASURY NOTES DTD 12/15/2021 1.000% 12/15/2024	91282CDN8	2,495,000.00	AA+	Aaa	12/21/2021	12/21/2021	2,498,216.21	0.96	7,362.30	2,495,761.27	2,423,268.75
US TREASURY NOTES DTD 05/31/2020 0.250% 05/31/2025	912828ZT0	1,020,000.00	AA+	Aaa	5/17/2021	5/17/2021	1,005,576.56	0.61	856.97	1,015,844.09	965,812.50
US TREASURY NOTES DTD 05/31/2020 0.250% 05/31/2025	912828ZT0	2,570,000.00	AA+	Aaa	12/21/2021	12/21/2021	2,499,525.78	1.06	2,159.22	2,546,172.20	2,433,468.75
US TREASURY NOTES DTD 06/15/2022 2.875% 06/15/2025	91282CEU1	865,000.00	AA+	Aaa	6/15/2022	6/15/2022	849,963.87	3.49	7,338.32	858,963.60	843,915.63
US TREASURY NOTES DTD 08/31/2020 0.250% 08/31/2025	91282CAJ0	410,000.00	AA+	Aaa	8/13/2021	8/16/2021	403,417.58	0.65	89.13	407,694.37	384,375.00
US TREASURY NOTES DTD 08/31/2020 0.250% 08/31/2025	91282CAJ0	500,000.00	AA+	Aaa	8/2/2021	8/2/2021	494,433.59	0.53	108.70	498,068.57	468,750.00
US TREASURY NOTES DTD 09/30/2020 0.250% 09/30/2025	91282CAM3	1,060,000.00	AA+	Aaa	9/7/2021	9/9/2021	1,042,195.31	0.67	7.24	1,053,428.36	990,437.50
US TREASURY NOTES DTD 10/31/2020 0.250% 10/31/2025	91282CAT8	555,000.00	AA+	Aaa	10/1/2021	10/1/2021	542,664.26	0.80	583.21	550,217.94	516,843.75
US TREASURY NOTES DTD 11/30/2020 0.375% 11/30/2025	91282CAZ4	2,575,000.00	AA+	Aaa	12/21/2021	12/21/2021	2,498,856.45	1.14	3,245.13	2,542,850.50	2,395,152.22
US TREASURY NOTES DTD 11/30/2020 0.375% 11/30/2025	91282CAZ4	1,020,000.00	AA+	Aaa	11/2/2021	11/3/2021	994,061.72	1.01	1,285.45	1,009,401.56	948,759.32
US TREASURY NOTES DTD 12/31/2020 0.375% 12/31/2025	91282CBC4	755,000.00	AA+	Aaa	1/22/2021	1/25/2021	752,847.07	0.43	715.59	754,236.13	700,262.50

UNION SANITARY DISTRICT

Portfolio Holdings

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury											
US TREASURY NOTES DTD 12/31/2020 0.375% 12/31/2025	91282CBC4	600,000.00	AA+	Aaa	5/6/2021	5/7/2021	590,343.75	0.73	568.68	596,368.25	556,500.00
US TREASURY NOTES DTD 12/31/2020 0.375% 12/31/2025	91282CBC4	535,000.00	AA+	Aaa	4/5/2021	4/7/2021	522,314.65	0.89	507.08	530,311.78	496,212.50
US TREASURY NOTES DTD 12/31/2020 0.375% 12/31/2025	91282CBC4	137,000.00	AA+	Aaa	5/3/2021	5/3/2021	134,629.26	0.75	129.85	136,110.45	127,067.50
US TREASURY NOTES DTD 01/31/2021 0.375% 01/31/2026	91282CBH3	1,000,000.00	AA+	Aaa	6/29/2022	6/30/2022	905,273.44	3.19	628.44	951,589.02	924,531.20
US TREASURY NOTES DTD 01/31/2021 0.375% 01/31/2026	91282CBH3	390,000.00	AA+	Aaa	7/2/2021	7/7/2021	382,504.69	0.80	245.09	386,991.10	360,567.17
US TREASURY NOTES DTD 01/31/2021 0.375% 01/31/2026	91282CBH3	580,000.00	AA+	Aaa	5/19/2022	5/20/2022	529,884.38	2.85	364.49	555,164.60	536,228.09
US TREASURY NOTES DTD 01/31/2019 2.625% 01/31/2026	9128286A3	715,000.00	AA+	Aaa	2/4/2021	2/4/2021	791,164.26	0.46	3,145.31	743,007.71	689,081.25
US TREASURY NOTES DTD 02/28/2021 0.500% 02/28/2026	91282CBQ3	1,040,000.00	AA+	Aaa	12/3/2021	12/7/2021	1,011,968.75	1.15	452.17	1,027,327.84	961,187.55
US TREASURY NOTES DTD 02/28/2021 0.500% 02/28/2026	91282CBQ3	1,260,000.00	AA+	Aaa	3/4/2021	3/5/2021	1,242,970.31	0.78	547.83	1,253,472.42	1,164,515.69
US TREASURY NOTES DTD 04/30/2021 0.750% 04/30/2026	91282CBW0	245,000.00	AA+	Aaa	5/27/2021	5/28/2021	244,387.50	0.80	772.36	244,741.44	226,318.75
US TREASURY NOTES DTD 05/16/2016 1.625% 05/15/2026	912828R36	518,000.00	AA+	Aaa	12/21/2021	12/21/2021	527,429.22	1.20	3,191.25	522,544.34	486,839.09
US TREASURY NOTES DTD 05/31/2021 0.750% 05/31/2026	91282CCF6	395,000.00	AA+	Aaa	6/1/2021	6/1/2021	393,750.20	0.81	995.59	394,458.99	363,893.75
US TREASURY NOTES DTD 08/15/2016 1.500% 08/15/2026	9128282A7	360,000.00	AA+	Aaa	10/4/2022	10/4/2022	327,895.31	4.01	682.42	340,295.77	335,418.77
US TREASURY NOTES DTD 09/30/2021 0.875% 09/30/2026	91282CCZ2	645,000.00	AA+	Aaa	5/9/2022	5/10/2022	589,041.21	3.00	15.42	613,183.03	590,175.00
US TREASURY NOTES DTD 02/15/2017 2.250% 02/15/2027	912828V98	435,000.00	AA+	Aaa	7/5/2022	7/7/2022	423,751.17	2.85	1,236.88	427,986.18	409,443.75
US TREASURY NOTES DTD 05/15/2017 2.375% 05/15/2027	912828X88	310,000.00	AA+	Aaa	8/1/2022	8/1/2022	305,446.88	2.70	2,791.28	307,033.18	291,642.17
US TREASURY NOTES DTD 08/15/2017 2.250% 08/15/2027	9128282R0	1,365,000.00	AA+	Aaa	9/1/2022	9/6/2022	1,294,137.30	3.40	3,881.25	1,316,645.24	1,274,355.54

UNION SANITARY DISTRICT

Portfolio Holdings

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury											
US TREASURY NOTES DTD 09/30/2020 0.375% 09/30/2027	91282CAL5	910,000.00	AA+	Aaa	6/26/2023	6/26/2023	779,294.14	4.08	9.32	802,799.37	793,406.25
US TREASURY NOTES DTD 09/30/2022 4.125% 09/30/2027	91282CFM8	474,000.00	AA+	Aaa	11/1/2022	11/3/2022	470,907.89	4.27	53.42	471,796.53	470,296.88
US TREASURY NOTES DTD 10/31/2020 0.500% 10/31/2027	91282CAU5	1,265,000.00	AA+	Aaa	1/3/2023	1/3/2023	1,076,238.28	3.93	2,658.59	1,124,874.95	1,104,898.44
US TREASURY NOTES DTD 10/31/2022 4.125% 10/31/2027	91282CFU0	1,150,000.00	AA+	Aaa	12/6/2022	12/8/2022	1,165,992.19	3.81	19,939.39	1,161,698.98	1,140,835.88
US TREASURY NOTES DTD 10/31/2022 4.125% 10/31/2027	91282CFU0	365,000.00	AA+	Aaa	12/1/2022	12/2/2022	371,187.89	3.74	6,328.59	369,511.57	362,091.39
US TREASURY NOTES DTD 12/31/2022 3.875% 12/31/2027	91282CGC9	1,680,000.00	AA+	Aaa	5/31/2023	5/31/2023	1,680,262.50	3.87	16,453.85	1,680,214.54	1,653,225.00
US TREASURY NOTES DTD 02/28/2023 4.000% 02/29/2028	91282CGP0	315,000.00	AA+	Aaa	3/1/2023	3/1/2023	311,333.20	4.26	1,095.65	312,130.42	311,357.81
US TREASURY NOTES DTD 03/31/2021 1.250% 03/31/2028	91282CBS9	360,000.00	AA+	Aaa	5/8/2023	5/11/2023	323,521.88	3.52	12.29	330,180.26	319,837.50
US TREASURY NOTES DTD 03/31/2021 1.250% 03/31/2028	91282CBS9	464,000.00	AA+	Aaa	5/8/2023	5/10/2023	417,636.25	3.49	15.85	426,120.27	412,235.00
US TREASURY NOTES DTD 04/30/2023 3.500% 04/30/2028	91282CHA2	89,000.00	AA+	Aaa	5/3/2023	5/5/2023	89,375.47	3.41	1,309.33	89,307.05	86,330.00
US TREASURY NOTES DTD 04/30/2021 1.250% 04/30/2028	91282CBZ3	525,000.00	AA+	Aaa	6/28/2023	6/30/2023	460,666.99	4.07	2,758.41	470,721.30	465,445.31
US TREASURY N/B NOTES DTD 01/31/2024 4.000% 01/31/2029	91282CJW2	845,000.00	AA+	Aaa	2/9/2024	2/12/2024	839,454.69	4.15	5,664.29	839,590.55	836,418.01
Security Type Sub-Total		36,332,000.00					35,294,936.49	1.97	109,736.27	35,692,749.79	34,334,649.61
Supranational											
INTER-AMERICAN DEVEL BK NOTES DTD 09/23/2021 0.500% 09/23/2024	4581X0DZ8	820,000.00	AAA	Aaa	9/15/2021	9/23/2021	819,393.20	0.52	91.11	819,903.11	801,257.26
Security Type Sub-Total		820,000.00					819,393.20	0.52	91.11	819,903.11	801,257.26

UNION SANITARY DISTRICT

Portfolio Holdings

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Negotiable CD											
TORONTO DOMINION BANK NY CERT DEPOS DTD 10/31/2022 5.470% 10/25/2024	89115B6F2	690,000.00	A	A1	10/27/2022	10/31/2022	690,000.00	5.44	16,669.83	690,000.00	689,165.10
COOPERAT RABOBANK UA/NY CERT DEPOS DTD 07/20/2023 5.080% 07/17/2026	21684LGS5	700,000.00	A+	Aa2	7/17/2023	7/20/2023	700,000.00	5.08	7,309.56	700,000.00	695,693.60
Security Type Sub-Total		1,390,000.00					1,390,000.00	5.26	23,979.39	1,390,000.00	1,384,858.70
Federal Agency											
FREDDIE MAC NOTES DTD 02/14/2020 1.500% 02/12/2025	3137EAEP0	1,035,000.00	AA+	Aaa	2/13/2020	2/14/2020	1,034,203.05	1.52	2,113.13	1,034,861.57	1,003,163.40
FEDERAL HOME LOAN BANK NOTES DTD 04/16/2020 0.500% 04/14/2025	3130AJHU6	560,000.00	AA+	Aaa	4/15/2020	4/16/2020	557,222.40	0.60	1,298.89	559,424.38	534,413.60
FANNIE MAE NOTES DTD 04/24/2020 0.625% 04/22/2025	3135G03U5	455,000.00	AA+	Aaa	4/22/2020	4/24/2020	454,062.70	0.67	1,255.99	454,801.65	434,355.29
FANNIE MAE NOTES DTD 04/24/2020 0.625% 04/22/2025	3135G03U5	125,000.00	AA+	Aaa	4/28/2020	4/28/2020	124,763.75	0.66	345.05	124,949.89	119,328.37
FANNIE MAE NOTES DTD 06/19/2020 0.500% 06/17/2025	3135G04Z3	865,000.00	AA+	Aaa	6/17/2020	6/19/2020	863,209.45	0.54	1,249.44	864,566.11	819,385.96
FANNIE MAE NOTES DTD 06/19/2020 0.500% 06/17/2025	3135G04Z3	1,010,000.00	AA+	Aaa	10/26/2020	10/28/2020	1,011,494.80	0.47	1,458.89	1,010,390.25	956,739.67
FREDDIE MAC NOTES DTD 07/23/2020 0.375% 07/21/2025	3137EAEU9	525,000.00	AA+	Aaa	7/21/2020	7/23/2020	522,385.50	0.48	382.81	524,317.71	494,848.20
FANNIE MAE NOTES (CALLABLE) DTD 08/14/2020 0.500% 08/14/2025	3135G05S8	1,000,000.00	AA+	Aaa	8/24/2020	8/24/2020	998,400.00	0.53	652.78	999,559.47	941,444.00
FANNIE MAE NOTES DTD 08/27/2020 0.375% 08/25/2025	3135G05X7	555,000.00	AA+	Aaa	8/25/2020	8/27/2020	552,402.60	0.47	208.12	554,272.33	520,969.62
FANNIE MAE NOTES DTD 08/27/2020 0.375% 08/25/2025	3135G05X7	415,000.00	AA+	Aaa	10/21/2020	10/22/2020	412,754.85	0.49	155.63	414,351.09	389,553.86
FREDDIE MAC NOTES DTD 09/25/2020 0.375% 09/23/2025	3137EAEX3	795,000.00	AA+	Aaa	9/23/2020	9/25/2020	792,607.05	0.44	66.25	794,291.56	744,501.60
FANNIE MAE NOTES DTD 11/12/2020 0.500% 11/07/2025	3135G06G3	520,000.00	AA+	Aaa	11/9/2020	11/12/2020	518,138.40	0.57	1,040.00	519,401.96	485,479.80

UNION SANITARY DISTRICT

Portfolio Holdings

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Federal Agency											
FREDDIE MAC NOTES (CALLABLE) DTD 02/23/2023 5.400% 02/23/2026	3134GYKA9	780,000.00	AA+	Aaa	2/15/2023	2/23/2023	780,000.00	5.40	4,446.00	780,000.00	779,064.00
Security Type Sub-Total		8,640,000.00					8,621,644.55	1.10	14,672.98	8,635,187.97	8,223,247.37
Corporate											
TOYOTA MOTOR CREDIT CORP CORP NOTES DTD 02/13/2020 1.800% 02/13/2025	89236TGT6	250,000.00	A+	A1	5/20/2020	5/26/2020	252,442.50	1.58	600.00	250,450.53	242,617.00
TOYOTA MOTOR CREDIT CORP CORP NOTES DTD 02/13/2020 1.800% 02/13/2025	89236TGT6	180,000.00	A+	A1	5/20/2020	5/26/2020	181,758.60	1.58	432.00	180,324.38	174,684.24
CITIGROUP INC (CALLABLE) CORPORATE NOTES DTD 05/04/2021 0.981% 05/01/2025	172967MX6	135,000.00	BBB+	A3	4/27/2021	5/4/2021	135,000.00	0.98	551.81	135,000.00	134,302.86
CITIGROUP INC (CALLABLE) CORPORATE NOTES DTD 05/04/2021 0.981% 05/01/2025	172967MX6	145,000.00	BBB+	A3	4/28/2021	5/4/2021	145,384.25	0.91	592.69	145,010.55	144,251.22
GOLDMAN SACHS GROUP INC CORPORATE NOTES DTD 05/22/2015 3.750% 05/22/2025	38148LAE6	380,000.00	BBB+	A2	2/12/2021	2/17/2021	424,528.40	0.94	5,106.25	389,932.32	371,929.18
JPMORGAN CHASE & CO CORP NOTES (CALLABLE) DTD 08/10/2021 0.768% 08/09/2025	46647PCM6	120,000.00	A-	A1	8/3/2021	8/10/2021	120,000.00	0.77	133.12	120,000.00	117,720.24
BRISTOL-MYERS SQUIBB CO CORPORATE NOTES DTD 11/13/2020 0.750% 11/13/2025	110122DN5	201,000.00	A	A2	6/17/2021	6/21/2021	198,998.04	0.98	577.88	200,263.29	187,672.90
NOVARTIS CAPITAL CORP NOTES (CALLABLE) DTD 11/20/2015 3.000% 11/20/2025	66989HAJ7	770,000.00	AA-	Aa3	2/1/2023	2/3/2023	744,012.50	4.29	8,405.83	754,779.11	747,338.13
BANK OF AMERICA CORP NOTES (CALLABLE) DTD 03/22/2022 3.384% 04/02/2026	06051GKM0	585,000.00	A-	A1	3/17/2022	3/22/2022	585,000.00	3.38	9,843.21	585,000.00	572,467.55
MICROSOFT CORP (CALLABLE) NOTES DTD 08/08/2016 2.400% 08/08/2026	594918BR4	730,000.00	AAA	Aaa	2/23/2022	2/25/2022	738,095.70	2.14	2,579.33	734,050.49	692,208.63

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate											
PACCAR FINANCIAL CORP CORPORATE NOTES DTD 08/10/2023 5.050% 08/10/2026	69371RS56	525,000.00	A+	A1	8/9/2023	8/11/2023	527,157.75	4.90	3,755.94	526,696.64	526,201.73
BANK OF AMERICA NA CORPORATE NOTES DTD 08/18/2023 5.526% 08/18/2026	06428CAA2	485,000.00	A+	Aa1	8/15/2023	8/18/2023	485,077.60	5.52	3,201.24	485,061.53	489,605.08
JP MORGAN CORP NOTES (CALLABLE) DTD 12/08/2023 5.110% 12/08/2026	48125LRU8	375,000.00	A+	Aa2	12/5/2023	12/8/2023	375,000.00	5.11	6,014.90	375,000.00	375,341.25
TARGET CORP CORP NOTES (CALLABLE) DTD 01/24/2022 1.950% 01/15/2027	87612EBM7	100,000.00	A	A2	1/19/2022	1/24/2022	99,830.00	1.99	411.67	99,904.66	92,801.10
TARGET CORP CORP NOTES (CALLABLE) DTD 01/24/2022 1.950% 01/15/2027	87612EBM7	455,000.00	A	A2	1/27/2022	1/31/2022	454,722.45	1.96	1,873.08	454,843.74	422,245.01
BANK OF NY MELLON CORP (CALLABLE) CORPOR DTD 01/26/2022 2.050% 01/26/2027	06406RBA4	745,000.00	A	A1	1/26/2022	1/28/2022	747,398.90	1.98	2,757.53	746,336.59	689,455.04
HOME DEPOT INC CORP NOTES (CALLABLE) DTD 09/14/2017 2.800% 09/14/2027	437076BT8	735,000.00	A	A2	1/26/2023	1/30/2023	693,399.00	4.16	971.83	703,922.48	690,727.28
JPMORGAN CHASE CORP NOTES (CALLABLE) DTD 02/24/2022 2.947% 02/24/2028	46647PCW4	115,000.00	A-	A1	9/14/2023	9/18/2023	105,152.55	5.13	348.32	106,343.97	107,951.77
JPMORGAN CHASE & CORP NOTES (CALLABLE) DTD 04/25/2017 3.540% 05/01/2028	46647PAF3	560,000.00	A-	A1	5/16/2023	5/18/2023	530,762.40	4.73	8,260.00	535,915.33	534,265.20
JOHN DEERE CAPITAL CORP CORPORATE NOTES DTD 07/14/2023 4.950% 07/14/2028	24422EXB0	105,000.00	A	A1	7/13/2023	7/14/2023	106,428.00	4.64	1,111.69	106,223.22	105,628.01
JOHN DEERE CAPITAL CORP CORPORATE NOTES DTD 07/14/2023 4.950% 07/14/2028	24422EXB0	195,000.00	A	A1	7/14/2023	7/18/2023	196,911.00	4.73	2,064.56	196,640.55	196,166.29
JOHN DEERE CAPITAL CORP CORPORATE NOTES DTD 07/14/2023 4.950% 07/14/2028	24422EXB0	250,000.00	A	A1	7/11/2023	7/14/2023	249,627.50	4.98	2,646.88	249,680.92	251,495.25

UNION SANITARY DISTRICT

Portfolio Holdings

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Corporate											
CITIBANK NA CORP NOTES (CALLABLE) DTD 09/29/2023 5.803% 09/29/2028	17325FBB3	785,000.00	A+	Aa3	9/26/2023	9/29/2023	785,000.00	5.80	253.08	785,000.00	812,321.14
BLACKROCK FUNDING INC CORPORATE NOTES (C) DTD 03/14/2024 4.700% 03/14/2029	09290DAA9	70,000.00	AA-	Aa3	3/5/2024	3/14/2024	69,873.30	4.74	155.36	69,874.40	70,039.13
Security Type Sub-Total		8,996,000.00					8,951,560.44	3.59	62,648.20	8,936,254.70	8,749,435.23
Agency CMBS											
FHMS K061 A2 DTD 01/30/2017 3.347% 11/01/2026	3137BTUM1	501,277.29	AA+	Aaa	5/19/2023	5/24/2023	485,847.35	4.31	1,398.15	489,689.49	484,020.30
FHMS K064 A2 DTD 05/15/2017 3.224% 03/01/2027	3137BXQY1	750,000.00	AA+	Aaa	8/16/2023	8/18/2023	707,460.94	4.98	2,015.00	714,940.70	720,149.78
FHLMC MULTIFAMILY STRUCTURED P DTD 07/01/2017 3.243% 04/01/2027	3137F1G44	425,000.00	AA+	Aaa	8/16/2023	8/18/2023	400,711.91	4.97	1,148.56	404,882.41	407,785.45
FHLMC MULTIFAMILY STRUCTURED P DTD 08/01/2017 3.117% 06/01/2027	3137F2LJ3	660,000.00	AA+	Aaa	8/17/2023	8/22/2023	617,203.13	5.01	1,714.35	624,123.87	630,110.44
FHMS K507 A1 DTD 09/01/2023 4.800% 04/01/2028	3137HAMR4	683,361.81	AA+	Aaa	9/20/2023	9/28/2023	672,637.82	5.19	2,733.45	673,725.55	681,022.70
FHMS K506 A1 DTD 09/01/2023 4.650% 05/01/2028	3137HAMG8	363,180.53	AA+	Aaa	9/7/2023	9/14/2023	357,749.17	5.01	1,407.32	358,327.44	361,648.13
FHMS K505 A2 DTD 07/01/2023 4.819% 06/01/2028	3137HACX2	700,000.00	AA+	Aaa	7/13/2023	7/20/2023	706,991.60	4.59	2,811.08	705,984.94	702,037.53
FHMS KJ46 A1 DTD 07/01/2023 4.777% 06/01/2028	3137HAD45	572,431.37	AA+	Aaa	7/19/2023	7/27/2023	572,417.08	4.78	2,278.75	572,419.09	569,255.85
FNA 2023-M6 A2 DTD 07/01/2023 4.190% 07/01/2028	3136BQDE6	715,000.00	AA+	Aaa	7/18/2023	7/31/2023	702,878.52	4.58	2,496.54	704,531.14	700,827.17
FHMS K508 A2 DTD 10/01/2023 4.740% 08/01/2028	3137HAQ74	690,000.00	AA+	Aaa	10/11/2023	10/19/2023	674,864.16	5.26	2,725.50	676,135.86	690,077.47
FHMS KJ47 A1 DTD 09/01/2023 5.272% 08/01/2028	3137HAMN3	401,840.39	AA+	Aaa	9/19/2023	9/28/2023	401,838.37	5.27	1,765.42	401,838.57	406,799.62
FHMS K506 A2 DTD 09/01/2023 4.650% 08/01/2028	3137HAMH6	725,000.00	AA+	Aaa	9/7/2023	9/14/2023	714,275.08	4.99	2,809.38	715,351.93	722,767.39

UNION SANITARY DISTRICT

Portfolio Holdings

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Agency CMBS											
FHMS K507 A2 DTD 09/01/2023 4.800% 09/01/2028	3137HAMS2	715,000.00	AA+	Aaa	9/20/2023	9/28/2023	706,453.61	5.07	2,860.00	707,240.37	717,144.74
FHMS K509 A2 DTD 10/01/2023 4.850% 09/01/2028	3137HAST4	550,000.00	AA+	Aaa	10/25/2023	10/31/2023	532,464.35	5.60	2,222.92	533,804.27	552,662.21
FHMS K511 A2 DTD 12/01/2023 4.860% 10/01/2028	3137HB3G7	405,000.00	AA+	Aaa	11/28/2023	12/7/2023	403,836.44	4.93	1,640.25	403,904.87	407,294.15
FHMS K510 A2 DTD 11/01/2023 5.069% 10/01/2028	3137HB3D4	280,000.00	AA+	Aaa	11/14/2023	11/21/2023	279,190.52	5.14	1,182.77	279,243.97	283,836.28
FHMS K512 A2 DTD 12/01/2023 5.000% 11/01/2028	3137HBCF9	365,000.00	AA+	Aaa	12/11/2023	12/21/2023	368,408.37	4.78	1,520.83	368,233.12	369,164.38
FHMS K513 A2 DTD 01/01/2024 4.724% 12/01/2028	3137HBFY5	415,000.00	AA+	Aaa	1/10/2024	1/18/2024	419,145.44	4.50	1,633.72	418,989.16	415,400.72
FHMS K514 A2 DTD 02/01/2024 4.572% 12/01/2028	3137HBLV4	430,000.00	AA+	Aaa	2/1/2024	2/8/2024	434,299.57	4.34	1,638.30	434,181.46	427,652.97
FHMS K516 A2 DTD 03/01/2024 5.477% 01/01/2029	3137HBPM0	700,000.00	AA+	Aaa	2/29/2024	3/7/2024	720,997.90	4.78	3,194.92	720,736.91	722,305.07
FHMS K515 A2 DTD 02/01/2024 5.400% 01/01/2029	3137HBPD0	700,000.00	AA+	Aaa	2/14/2024	2/22/2024	718,858.00	4.78	3,150.00	718,490.16	719,711.66
FHMS K517 A2 DTD 03/01/2024 5.355% 01/01/2029	3137HC2C5	625,000.00	AA+	Aaa	3/5/2024	3/14/2024	643,741.25	4.66	2,789.06	643,572.36	642,161.94
FHMS K518 A2 DTD 03/01/2024 5.400% 01/01/2029	3137HC2L5	505,000.00	AA+	Aaa	3/19/2024	3/28/2024	517,193.23	4.83	2,272.50	517,168.72	521,334.80
Security Type Sub-Total		12,877,091.39					12,759,463.81	4.89	49,408.77	12,787,516.36	12,855,170.75

ABS

HAROT 2021-1 A3 DTD 02/24/2021 0.270% 04/21/2025	43813GAC5	9,787.45	NR	Aaa	2/17/2021	2/24/2021	9,787.27	0.27	0.73	9,787.40	9,731.65
HART 2021-A A3 DTD 04/28/2021 0.380% 09/15/2025	44933LAC7	18,922.27	AAA	NR	4/20/2021	4/28/2021	18,920.28	0.38	3.20	18,921.61	18,764.45
CARMX 2021-1 A3 DTD 01/27/2021 0.340% 12/15/2025	14316NAC3	15,491.17	AAA	NR	1/20/2021	1/27/2021	15,488.12	0.34	2.34	15,490.10	15,286.69
TAOT 2021-C A3 DTD 09/27/2021 0.430% 01/15/2026	89239BAC5	86,842.13	AAA	Aaa	9/21/2021	9/27/2021	86,835.20	0.43	16.60	86,839.25	84,787.05

UNION SANITARY DISTRICT

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
ABS											
CARMX 2021-2 A3 DTD 04/21/2021 0.520% 02/17/2026	14314QAC8	50,793.41	AAA	NR	4/13/2021	4/21/2021	50,782.47	0.52	11.74	50,789.15	49,962.09
HART 2021-C A3 DTD 11/17/2021 0.740% 05/15/2026	44935FAD6	50,558.84	AAA	NR	11/9/2021	11/17/2021	50,547.57	0.75	16.63	50,553.52	49,444.92
DCENT 2021-A1 A1 DTD 09/27/2021 0.580% 09/15/2026	254683CP8	155,000.00	AAA	Aaa	9/20/2021	9/27/2021	154,966.81	0.58	39.96	154,983.59	151,564.70
CHAIT 2024-A1 A DTD 01/31/2024 4.600% 01/15/2027	161571HV9	645,000.00	AAA	NR	1/24/2024	1/31/2024	644,901.77	4.61	1,318.67	644,907.04	641,607.17
CCCIT 2023-A1 A1 DTD 12/01/2023 5.230% 12/01/2027	17305EGW9	160,000.00	AAA	Aaa	12/4/2023	12/11/2023	159,979.94	5.23	2,789.33	159,981.34	160,237.50
KCOT 2023-2A A3 DTD 07/26/2023 5.280% 01/18/2028	500945AC4	180,000.00	NR	Aaa	7/18/2023	7/26/2023	179,954.53	5.29	422.40	179,961.47	180,467.95
BAAT 2023-1A A3 DTD 07/31/2023 5.530% 02/15/2028	06428AAC2	295,000.00	NR	Aaa	7/25/2023	7/31/2023	294,988.82	5.53	725.04	294,990.47	296,161.59
HAROT 2023-3 A3 DTD 08/22/2023 5.410% 02/18/2028	43815QAC1	450,000.00	AAA	NR	8/15/2023	8/22/2023	449,907.21	5.42	879.13	449,919.82	451,802.16
TAOT 2023-C A3 DTD 08/15/2023 5.160% 04/17/2028	89231FAD2	140,000.00	AAA	NR	8/8/2023	8/15/2023	139,968.33	5.17	321.07	139,972.60	140,190.51
USAOT 2023-A A3 DTD 09/15/2023 5.580% 05/15/2028	90291VAC4	570,000.00	AAA	Aaa	9/7/2023	9/15/2023	569,900.25	5.58	1,413.60	569,910.62	574,015.25
BAAT 2023-2A A3 DTD 11/21/2023 5.740% 06/15/2028	06054YAC1	555,000.00	NR	Aaa	11/15/2023	11/21/2023	554,989.95	5.74	1,415.87	554,990.66	561,855.57
TAOT 2023-D A3 DTD 11/14/2023 5.540% 08/15/2028	89239FAD4	145,000.00	AAA	NR	11/7/2023	11/14/2023	144,984.37	5.54	357.02	144,985.48	146,497.20
FITAT 2023-1 A3 DTD 08/23/2023 5.530% 08/15/2028	31680EAD3	490,000.00	AAA	Aaa	8/15/2023	8/23/2023	489,969.62	5.53	1,204.31	489,973.33	493,226.06
AMXCA 2023-3 A DTD 09/19/2023 5.230% 09/15/2028	02582JKD1	585,000.00	AAA	NR	9/12/2023	9/19/2023	584,973.85	5.23	1,359.80	584,976.34	589,980.98
CHAIT 2023-A1 A DTD 09/15/2023 5.160% 09/15/2028	161571HT4	570,000.00	AAA	NR	9/7/2023	9/15/2023	569,842.00	5.17	1,307.20	569,857.33	574,061.08
HART 2023-C A3 DTD 11/13/2023 5.540% 10/16/2028	44918CAD4	215,000.00	AAA	NR	11/3/2023	11/13/2023	214,971.73	5.54	529.38	214,973.67	217,296.78
BACCT 2023-A2 A2 DTD 12/14/2023 4.980% 11/15/2028	05522RDH8	260,000.00	NR	Aaa	12/7/2023	12/14/2023	259,965.08	4.98	575.47	259,966.96	260,894.01

UNION SANITARY DISTRICT

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
ABS											
GMCAR 2024-1 A3 DTD 01/17/2024 4.850% 12/18/2028	36268GAD7	70,000.00	NR	Aaa	1/9/2024	1/17/2024	69,985.92	4.85	141.46	69,986.45	69,812.83
Security Type Sub-Total		5,717,395.27					5,716,611.09	4.99	14,850.95	5,716,718.20	5,737,648.19
Managed Account Sub Total		74,772,486.66					73,553,609.58	2.87	275,387.67	73,978,330.13	72,086,267.11
Securities Sub Total		\$74,772,486.66					\$73,553,609.58	2.87%	\$275,387.67	\$73,978,330.13	\$72,086,267.11
Accrued Interest											\$275,387.67
Total Investments											\$72,361,654.78

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
BUY									
1/2/2024	1/2/2024	1,905,000.00	912797JC2	US TREASURY BILL	0.00%	2/6/2024	1,895,215.17	5.31%	
1/3/2024	1/4/2024	625,000.00	912797HZ3	US TREASURY BILL	0.00%	1/16/2024	623,902.60	5.28%	
1/9/2024	1/17/2024	70,000.00	36268GAD7	GMCAR 2024-1 A3	4.85%	12/18/2028	69,985.92	4.85%	
1/10/2024	1/18/2024	415,000.00	3137HBFY5	FHMS K513 A2	4.72%	12/1/2028	420,071.21	4.50%	
1/16/2024	1/16/2024	189,000.00	912797JC2	US TREASURY BILL	0.00%	2/6/2024	188,419.04	5.29%	
1/24/2024	1/31/2024	645,000.00	161571HV9	CHAIT 2024-A1 A	4.60%	1/15/2027	644,901.77	4.61%	
2/1/2024	2/8/2024	430,000.00	3137HBLV4	FHMS K514 A2	4.57%	12/1/2028	434,681.84	4.34%	
2/5/2024	2/6/2024	1,325,000.00	912828W71	US TREASURY NOTES	2.12%	3/31/2024	1,328,609.47	5.34%	
2/9/2024	2/12/2024	845,000.00	91282CJW2	US TREASURY N/B NOTES	4.00%	1/31/2029	840,568.98	4.15%	
2/14/2024	2/22/2024	700,000.00	3137HBPD0	FHMS K515 A2	5.40%	1/1/2029	721,063.00	4.78%	
2/29/2024	2/29/2024	1,373,000.00	912797GQ4	US TREASURY BILL	0.00%	3/7/2024	1,371,591.98	5.28%	
2/29/2024	3/7/2024	700,000.00	3137HBPM0	FHMS K516 A2	5.47%	1/1/2029	721,636.88	4.78%	
3/5/2024	3/14/2024	625,000.00	3137HC2C5	FHMS K517 A2	5.35%	1/1/2029	644,949.84	4.66%	
3/5/2024	3/14/2024	70,000.00	09290DAA9	BLACKROCK FUNDING INC CORPORATE NOTES (C	4.70%	3/14/2029	69,873.30	4.74%	
3/6/2024	3/7/2024	652,000.00	912797GX9	US TREASURY BILL	0.00%	3/14/2024	651,333.78	5.26%	
3/19/2024	3/28/2024	505,000.00	3137HC2L5	FHMS K518 A2	5.40%	1/1/2029	519,238.48	4.83%	
Total BUY		11,074,000.00					11,146,043.26		0.00

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
1/1/2024	1/25/2024	690,000.00	3137HAQ74	FHMS K508 A2	4.74%	8/1/2028	2,725.50		
1/1/2024	1/25/2024	573,451.41	3137HAD45	FHMS KJ46 A1	4.77%	6/1/2028	2,282.81		
1/1/2024	1/25/2024	364,096.29	3137HAMG8	FHMS K506 A1	4.65%	5/1/2028	1,410.87		
1/1/2024	1/25/2024	405,000.00	3137HB3G7	FHMS K511 A2	4.86%	10/1/2028	1,640.25		
1/1/2024	1/25/2024	725,000.00	3137HAMH6	FHMS K506 A2	4.65%	8/1/2028	2,809.38		
1/1/2024	1/25/2024	660,000.00	3137F2LJ3	FHLMC MULTIFAMILY STRUCTURED P	3.11%	6/1/2027	1,714.35		
1/1/2024	1/25/2024	550,000.00	3137HAST4	FHMS K509 A2	4.85%	9/1/2028	2,222.92		
1/1/2024	1/25/2024	689,219.80	3137HAMR4	FHMS K507 A1	4.80%	4/1/2028	2,756.88		
1/1/2024	1/25/2024	403,460.94	3137HAMN3	FHMS KJ47 A1	5.27%	8/1/2028	1,772.54		
1/1/2024	1/25/2024	504,245.19	3137BTUM1	FHMS K061 A2	3.34%	11/1/2026	1,406.42		
1/1/2024	1/25/2024	280,000.00	3137HB3D4	FHMS K510 A2	5.06%	10/1/2028	1,182.77		
1/1/2024	1/25/2024	365,000.00	3137HBCF9	FHMS K512 A2	5.00%	11/1/2028	1,520.83		
1/1/2024	1/25/2024	750,000.00	3137BXQY1	FHMS K064 A2	3.22%	3/1/2027	2,015.00		
1/1/2024	1/25/2024	700,000.00	3137HACX2	FHMS K505 A2	4.81%	6/1/2028	2,811.08		
1/1/2024	1/25/2024	715,000.00	3136BQDE6	FNA 2023-M6 A2	4.19%	7/1/2028	2,496.54		
1/1/2024	1/25/2024	425,000.00	3137F1G44	FHLMC MULTIFAMILY STRUCTURED P	3.24%	4/1/2027	1,148.56		
1/1/2024	1/25/2024	715,000.00	3137HAMS2	FHMS K507 A2	4.80%	9/1/2028	2,860.00		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
1/14/2024	1/14/2024	550,000.00	24422EXB0	JOHN DEERE CAPITAL CORP CORPORATE NOTES	4.95%	7/14/2028	13,612.50		
1/15/2024	1/15/2024	140,000.00	89231FAD2	TAOT 2023-C A3	5.16%	4/17/2028	602.00		
1/15/2024	1/15/2024	585,000.00	02582JKD1	AMXCA 2023-3 A	5.23%	9/15/2028	2,549.63		
1/15/2024	1/15/2024	65,598.83	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	40.45		
1/15/2024	1/15/2024	145,000.00	89239FAD4	TAOT 2023-D A3	5.54%	8/15/2028	669.42		
1/15/2024	1/15/2024	555,000.00	06054YAC1	BAAT 2023-2A A3	5.74%	6/15/2028	2,654.75		
1/15/2024	1/15/2024	570,000.00	161571HT4	CHAIT 2023-A1 A	5.16%	9/15/2028	2,451.00		
1/15/2024	1/15/2024	72,044.85	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	31.22		
1/15/2024	1/15/2024	34,704.25	44933LAC7	HART 2021-A A3	0.38%	9/15/2025	10.99		
1/15/2024	1/15/2024	555,000.00	87612EBM7	TARGET CORP CORP NOTES (CALLABLE)	1.95%	1/15/2027	5,411.25		
1/15/2024	1/15/2024	260,000.00	05522RDH8	BACCT 2023-A2 A2	4.98%	11/15/2028	1,114.97		
1/15/2024	1/15/2024	215,000.00	44918CAD4	HART 2023-C A3	5.54%	10/16/2028	992.58		
1/15/2024	1/15/2024	114,751.93	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	41.12		
1/15/2024	1/15/2024	295,000.00	06428AAC2	BAAT 2023-1A A3	5.53%	2/15/2028	1,359.46		
1/15/2024	1/15/2024	24,362.32	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	6.90		
1/15/2024	1/15/2024	570,000.00	90291VAC4	USAOT 2023-A A3	5.58%	5/15/2028	2,650.50		
1/15/2024	1/15/2024	155,000.00	254683CP8	DCENT 2021-A1 A1	0.58%	9/15/2026	74.92		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
1/15/2024	1/15/2024	490,000.00	31680EAD3	FITAT 2023-1 A3	5.53%	8/15/2028	2,258.08		
1/15/2024	1/15/2024	180,000.00	500945AC4	KCOT 2023-2A A3	5.28%	1/18/2028	792.00		
1/17/2024	1/17/2024	700,000.00	21684LGS5	COOPERAT RABOBANK UA/NY CERT DEPOS	5.08%	7/17/2026	17,483.67		
1/18/2024	1/18/2024	450,000.00	43815QAC1	HAROT 2023-3 A3	5.41%	2/18/2028	2,028.75		
1/21/2024	1/21/2024	525,000.00	3137EAEU9	FREDDIE MAC NOTES	0.37%	7/21/2025	984.38		
1/21/2024	1/21/2024	24,946.53	43813GAC5	HAROT 2021-1 A3	0.27%	4/21/2025	5.61		
1/26/2024	1/26/2024	745,000.00	06406RBA4	BANK OF NY MELLON CORP (CALLABLE) CORPOR	2.05%	1/26/2027	7,636.25		
1/31/2024	1/31/2024	715,000.00	9128286A3	US TREASURY NOTES	2.62%	1/31/2026	9,384.38		
1/31/2024	1/31/2024	1,970,000.00	91282CBH3	US TREASURY NOTES	0.37%	1/31/2026	3,693.75		
2/1/2024	2/25/2024	573,156.18	3137HAD45	FHMS KJ46 A1	4.77%	6/1/2028	2,281.64		
2/1/2024	2/25/2024	715,000.00	3137HAMS2	FHMS K507 A2	4.80%	9/1/2028	2,860.00		
2/1/2024	2/25/2024	363,820.71	3137HAMG8	FHMS K506 A1	4.65%	5/1/2028	1,409.81		
2/1/2024	2/25/2024	660,000.00	3137F2LJ3	FHLMC MULTIFAMILY STRUCTURED P	3.11%	6/1/2027	1,714.35		
2/1/2024	2/25/2024	700,000.00	3137HACX2	FHMS K505 A2	4.81%	6/1/2028	2,811.08		
2/1/2024	2/25/2024	690,000.00	3137HAQ74	FHMS K508 A2	4.74%	8/1/2028	2,725.50		
2/1/2024	2/25/2024	550,000.00	3137HAST4	FHMS K509 A2	4.85%	9/1/2028	2,222.92		
2/1/2024	2/25/2024	715,000.00	3136BQDE6	FNA 2023-M6 A2	4.19%	7/1/2028	2,496.54		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
2/1/2024	2/25/2024	425,000.00	3137F1G44	FHLMC MULTIFAMILY STRUCTURED P	3.24%	4/1/2027	1,148.56		
2/1/2024	2/25/2024	280,000.00	3137HB3D4	FHMS K510 A2	5.06%	10/1/2028	1,182.77		
2/1/2024	2/25/2024	725,000.00	3137HAMH6	FHMS K506 A2	4.65%	8/1/2028	2,809.38		
2/1/2024	2/25/2024	503,299.60	3137BTUM1	FHMS K061 A2	3.34%	11/1/2026	1,403.79		
2/1/2024	2/25/2024	403,021.35	3137HAMN3	FHMS KJ47 A1	5.27%	8/1/2028	1,770.61		
2/1/2024	2/25/2024	687,464.59	3137HAMR4	FHMS K507 A1	4.80%	4/1/2028	2,749.86		
2/1/2024	2/25/2024	415,000.00	3137HBFY5	FHMS K513 A2	4.72%	12/1/2028	1,633.72		
2/1/2024	2/25/2024	750,000.00	3137BXQY1	FHMS K064 A2	3.22%	3/1/2027	2,015.00		
2/1/2024	2/25/2024	365,000.00	3137HBCF9	FHMS K512 A2	5.00%	11/1/2028	1,520.83		
2/1/2024	2/25/2024	405,000.00	3137HB3G7	FHMS K511 A2	4.86%	10/1/2028	1,640.25		
2/8/2024	2/8/2024	730,000.00	594918BR4	MICROSOFT CORP (CALLABLE) NOTES	2.40%	8/8/2026	8,760.00		
2/9/2024	2/9/2024	120,000.00	46647PCM6	JPMORGAN CHASE & CO CORP NOTES (CALLABLE	0.76%	8/9/2025	460.80		
2/10/2024	2/10/2024	525,000.00	69371RS56	PACCAR FINANCIAL CORP CORPORATE NOTES	5.05%	8/10/2026	13,256.25		
2/12/2024	2/12/2024	1,035,000.00	3137EAEP0	FREDDIE MAC NOTES	1.50%	2/12/2025	7,762.50		
2/13/2024	2/13/2024	430,000.00	89236TGT6	TOYOTA MOTOR CREDIT CORP CORP NOTES	1.80%	2/13/2025	3,870.00		
2/14/2024	2/14/2024	1,000,000.00	3135G05S8	FANNIE MAE NOTES (CALLABLE)	0.50%	8/14/2025	2,500.00		
2/15/2024	2/15/2024	64,821.54	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	28.09		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
2/15/2024	2/15/2024	145,000.00	89239FAD4	TAOT 2023-D A3	5.54%	8/15/2028	669.42		
2/15/2024	2/15/2024	21,466.25	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	6.08		
2/15/2024	2/15/2024	155,000.00	254683CP8	DCENT 2021-A1 A1	0.58%	9/15/2026	74.92		
2/15/2024	2/15/2024	570,000.00	90291VAC4	USAOT 2023-A A3	5.58%	5/15/2028	2,650.50		
2/15/2024	2/15/2024	645,000.00	161571HV9	CHAIT 2024-A1 A	4.60%	1/15/2027	1,236.25		
2/15/2024	2/15/2024	490,000.00	31680EAD3	FITAT 2023-1 A3	5.53%	8/15/2028	2,258.08		
2/15/2024	2/15/2024	140,000.00	89231FAD2	TAOT 2023-C A3	5.16%	4/17/2028	602.00		
2/15/2024	2/15/2024	585,000.00	02582JKD1	AMXCA 2023-3 A	5.23%	9/15/2028	2,549.63		
2/15/2024	2/15/2024	29,337.76	44933LAC7	HART 2021-A A3	0.38%	9/15/2025	9.29		
2/15/2024	2/15/2024	570,000.00	161571HT4	CHAIT 2023-A1 A	5.16%	9/15/2028	2,451.00		
2/15/2024	2/15/2024	180,000.00	500945AC4	KCOT 2023-2A A3	5.28%	1/18/2028	792.00		
2/15/2024	2/15/2024	1,365,000.00	9128282R0	US TREASURY NOTES	2.25%	8/15/2027	15,356.25		
2/15/2024	2/15/2024	435,000.00	912828V98	US TREASURY NOTES	2.25%	2/15/2027	4,893.75		
2/15/2024	2/15/2024	105,549.62	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	37.82		
2/15/2024	2/15/2024	555,000.00	06054YAC1	BAAT 2023-2A A3	5.74%	6/15/2028	2,654.75		
2/15/2024	2/15/2024	215,000.00	44918CAD4	HART 2023-C A3	5.54%	10/16/2028	992.58		
2/15/2024	2/15/2024	295,000.00	06428AAC2	BAAT 2023-1A A3	5.53%	2/15/2028	1,359.46		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
2/15/2024	2/15/2024	260,000.00	05522RDH8	BACCT 2023-A2 A2	4.98%	11/15/2028	1,079.00		
2/15/2024	2/15/2024	60,546.06	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	37.34		
2/15/2024	2/15/2024	360,000.00	9128282A7	US TREASURY NOTES	1.50%	8/15/2026	2,700.00		
2/16/2024	2/16/2024	70,000.00	36268GAD7	GMCAR 2024-1 A3	4.85%	12/18/2028	273.49		
2/18/2024	2/18/2024	485,000.00	06428CAA2	BANK OF AMERICA NA CORPORATE NOTES	5.52%	8/18/2026	13,400.55		
2/18/2024	2/18/2024	450,000.00	43815QAC1	HAROT 2023-3 A3	5.41%	2/18/2028	2,028.75		
2/21/2024	2/21/2024	19,801.90	43813GAC5	HAROT 2021-1 A3	0.27%	4/21/2025	4.46		
2/23/2024	2/23/2024	780,000.00	3134GYKA9	FREDDIE MAC NOTES (CALLABLE)	5.40%	2/23/2026	21,060.00		
2/24/2024	2/24/2024	115,000.00	46647PCW4	JPMORGAN CHASE CORP NOTES (CALLABLE)	2.94%	2/24/2028	1,694.53		
2/25/2024	2/25/2024	970,000.00	3135G05X7	FANNIE MAE NOTES	0.37%	8/25/2025	1,818.75		
2/29/2024	2/29/2024	910,000.00	91282CAJ0	US TREASURY NOTES	0.25%	8/31/2025	1,137.50		
2/29/2024	2/29/2024	2,300,000.00	91282CBQ3	US TREASURY NOTES	0.50%	2/28/2026	5,750.00		
2/29/2024	2/29/2024	315,000.00	91282CGP0	US TREASURY NOTES	4.00%	2/29/2028	6,300.00		
3/1/2024	3/25/2024	430,000.00	3137HBLV4	FHMS K514 A2	4.57%	12/1/2028	1,638.30		
3/1/2024	3/25/2024	502,350.84	3137BTUM1	FHMS K061 A2	3.34%	11/1/2026	1,401.14		
3/1/2024	3/25/2024	685,701.05	3137HAMR4	FHMS K507 A1	4.80%	4/1/2028	2,742.80		
3/1/2024	3/25/2024	415,000.00	3137HBFY5	FHMS K513 A2	4.72%	12/1/2028	1,633.72		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
3/1/2024	3/25/2024	405,000.00	3137HB3G7	FHMS K511 A2	4.86%	10/1/2028	1,640.25		
3/1/2024	3/25/2024	425,000.00	3137F1G44	FHLMC MULTIFAMILY STRUCTURED P	3.24%	4/1/2027	1,148.56		
3/1/2024	3/25/2024	715,000.00	3136BQDE6	FNA 2023-M6 A2	4.19%	7/1/2028	2,496.54		
3/1/2024	3/25/2024	550,000.00	3137HAST4	FHMS K509 A2	4.85%	9/1/2028	2,222.92		
3/1/2024	3/25/2024	715,000.00	3137HAMS2	FHMS K507 A2	4.80%	9/1/2028	2,860.00		
3/1/2024	3/25/2024	280,000.00	3137HB3D4	FHMS K510 A2	5.06%	10/1/2028	1,182.77		
3/1/2024	3/25/2024	660,000.00	3137F2LJ3	FHLMC MULTIFAMILY STRUCTURED P	3.11%	6/1/2027	1,714.35		
3/1/2024	3/25/2024	750,000.00	3137BXQY1	FHMS K064 A2	3.22%	3/1/2027	2,015.00		
3/1/2024	3/25/2024	365,000.00	3137HBCF9	FHMS K512 A2	5.00%	11/1/2028	1,520.83		
3/1/2024	3/25/2024	690,000.00	3137HAQ74	FHMS K508 A2	4.74%	8/1/2028	2,725.50		
3/1/2024	3/25/2024	725,000.00	3137HAMH6	FHMS K506 A2	4.65%	8/1/2028	2,809.38		
3/1/2024	3/25/2024	402,558.28	3137HAMN3	FHMS KJ47 A1	5.27%	8/1/2028	1,768.57		
3/1/2024	3/25/2024	700,000.00	3137HBPD0	FHMS K515 A2	5.40%	1/1/2029	3,150.00		
3/1/2024	3/25/2024	572,859.36	3137HAD45	FHMS KJ46 A1	4.77%	6/1/2028	2,280.46		
3/1/2024	3/25/2024	700,000.00	3137HACX2	FHMS K505 A2	4.81%	6/1/2028	2,811.08		
3/1/2024	3/25/2024	363,543.83	3137HAMG8	FHMS K506 A1	4.65%	5/1/2028	1,408.73		
3/14/2024	3/14/2024	735,000.00	437076BT8	HOME DEPOT INC CORP NOTES (CALLABLE)	2.80%	9/14/2027	10,290.00		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
3/15/2024	3/15/2024	570,000.00	90291VAC4	USAOT 2023-A A3	5.58%	5/15/2028	2,650.50		
3/15/2024	3/15/2024	295,000.00	06428AAC2	BAAT 2023-1A A3	5.53%	2/15/2028	1,359.46		
3/15/2024	3/15/2024	57,586.05	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	24.95		
3/15/2024	3/15/2024	215,000.00	44918CAD4	HART 2023-C A3	5.54%	10/16/2028	992.58		
3/15/2024	3/15/2024	260,000.00	05522RDH8	BACCT 2023-A2 A2	4.98%	11/15/2028	1,079.00		
3/15/2024	3/15/2024	95,782.90	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	34.32		
3/15/2024	3/15/2024	555,000.00	06054YAC1	BAAT 2023-2A A3	5.74%	6/15/2028	2,654.75		
3/15/2024	3/15/2024	645,000.00	161571HV9	CHAIT 2024-A1 A	4.60%	1/15/2027	2,472.50		
3/15/2024	3/15/2024	490,000.00	31680EAD3	FITAT 2023-1 A3	5.53%	8/15/2028	2,258.08		
3/15/2024	3/15/2024	140,000.00	89231FAD2	TAOT 2023-C A3	5.16%	4/17/2028	602.00		
3/15/2024	3/15/2024	155,000.00	254683CP8	DCENT 2021-A1 A1	0.58%	9/15/2026	74.92		
3/15/2024	3/15/2024	55,433.28	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	34.18		
3/15/2024	3/15/2024	180,000.00	500945AC4	KCOT 2023-2A A3	5.28%	1/18/2028	792.00		
3/15/2024	3/15/2024	570,000.00	161571HT4	CHAIT 2023-A1 A	5.16%	9/15/2028	2,451.00		
3/15/2024	3/15/2024	145,000.00	89239FAD4	TAOT 2023-D A3	5.54%	8/15/2028	669.42		
3/15/2024	3/15/2024	24,023.10	44933LAC7	HART 2021-A A3	0.38%	9/15/2025	7.61		
3/15/2024	3/15/2024	18,440.85	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	5.22		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
3/15/2024	3/15/2024	585,000.00	02582JKD1	AMXCA 2023-3 A	5.23%	9/15/2028	2,549.63		
3/16/2024	3/16/2024	70,000.00	36268GAD7	GMCAR 2024-1 A3	4.85%	12/18/2028	282.92		
3/18/2024	3/18/2024	450,000.00	43815QAC1	HAROT 2023-3 A3	5.41%	2/18/2028	2,028.75		
3/21/2024	3/21/2024	14,705.66	43813GAC5	HAROT 2021-1 A3	0.27%	4/21/2025	3.31		
3/23/2024	3/23/2024	820,000.00	4581X0DZ8	INTER-AMERICAN DEVEL BK NOTES	0.50%	9/23/2024	2,050.00		
3/23/2024	3/23/2024	795,000.00	3137EAEX3	FREDDIE MAC NOTES	0.37%	9/23/2025	1,490.63		
3/29/2024	3/29/2024	785,000.00	17325FBB3	CITIBANK NA CORP NOTES (CALLABLE)	5.80%	9/29/2028	22,776.78		
3/31/2024	3/31/2024	824,000.00	91282CBS9	US TREASURY NOTES	1.25%	3/31/2028	5,150.00		
3/31/2024	3/31/2024	910,000.00	91282CAL5	US TREASURY NOTES	0.37%	9/30/2027	1,706.25		
3/31/2024	3/31/2024	645,000.00	91282CCZ2	US TREASURY NOTES	0.87%	9/30/2026	2,821.88		
3/31/2024	3/31/2024	1,060,000.00	91282CAM3	US TREASURY NOTES	0.25%	9/30/2025	1,325.00		
3/31/2024	3/31/2024	474,000.00	91282CFM8	US TREASURY NOTES	4.12%	9/30/2027	9,776.25		
Total INTEREST		71,339,153.10					403,814.42		0.00
MATURITY									
1/4/2024	1/4/2024	625,000.00	912797FW2	US TREASURY BILL	0.00%	1/4/2024	625,000.00		
1/16/2024	1/16/2024	625,000.00	912797HZ3	US TREASURY BILL	0.00%	1/16/2024	625,000.00		
1/26/2024	1/26/2024	259,000.00	3136G46V0	FANNIE MAE NOTES (CALLABLE)	0.31%	1/26/2024	259,401.45		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
MATURITY									
2/6/2024	2/6/2024	189,000.00	912797JC2	US TREASURY BILL	0.00%	2/6/2024	189,000.00		
2/6/2024	2/6/2024	1,575,000.00	912797JC2	US TREASURY BILL	0.00%	2/6/2024	1,575,000.00		
2/10/2024	2/10/2024	805,000.00	3130AWUY4	FEDERAL HOME LOAN BANKS NOTES (CALLED,OM	5.87%	2/10/2024	828,646.88		
2/29/2024	2/29/2024	1,345,000.00	912828W48	US TREASURY NOTES	2.12%	2/29/2024	1,359,290.63		
3/7/2024	3/7/2024	1,373,000.00	912797GQ4	US TREASURY BILL	0.00%	3/7/2024	1,373,000.00		
3/14/2024	3/14/2024	652,000.00	912797GX9	US TREASURY BILL	0.00%	3/14/2024	652,000.00		
3/31/2024	3/31/2024	1,325,000.00	912828W71	US TREASURY NOTES	2.12%	3/31/2024	1,339,078.13		
3/31/2024	3/31/2024	143,000.00	912828W71	US TREASURY NOTES	2.12%	3/31/2024	144,519.38		
Total MATURITY		8,916,000.00					8,969,936.47		0.00
PAYDOWNS									
1/1/2024	1/25/2024	295.23	3137HAD45	FHMS KJ46 A1	4.77%	6/1/2028	295.23		
1/1/2024	1/25/2024	945.59	3137BTUM1	FHMS K061 A2	3.34%	11/1/2026	945.59		
1/1/2024	1/25/2024	1,755.21	3137HAMR4	FHMS K507 A1	4.80%	4/1/2028	1,755.21		
1/1/2024	1/25/2024	275.58	3137HAMG8	FHMS K506 A1	4.65%	5/1/2028	275.58		
1/1/2024	1/25/2024	439.59	3137HAMN3	FHMS KJ47 A1	5.27%	8/1/2028	439.59		
1/15/2024	1/15/2024	5,052.77	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	5,052.77		
1/15/2024	1/15/2024	9,202.31	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	9,202.31		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
PAYDOWNS									
1/15/2024	1/15/2024	7,223.31	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	7,223.31		
1/15/2024	1/15/2024	5,366.49	44933LAC7	HART 2021-A A3	0.38%	9/15/2025	5,366.49		
1/15/2024	1/15/2024	2,896.07	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	2,896.07		
1/21/2024	1/21/2024	5,144.63	43813GAC5	HAROT 2021-1 A3	0.27%	4/21/2025	5,144.63		
2/1/2024	2/25/2024	1,763.54	3137HAMR4	FHMS K507 A1	4.80%	4/1/2028	1,763.54		
2/1/2024	2/25/2024	463.07	3137HAMN3	FHMS KJ47 A1	5.27%	8/1/2028	463.07		
2/1/2024	2/25/2024	948.76	3137BTUM1	FHMS K061 A2	3.34%	11/1/2026	948.76		
2/1/2024	2/25/2024	276.88	3137HAMG8	FHMS K506 A1	4.65%	5/1/2028	276.88		
2/1/2024	2/25/2024	296.82	3137HAD45	FHMS KJ46 A1	4.77%	6/1/2028	296.82		
2/15/2024	2/15/2024	3,025.40	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	3,025.40		
2/15/2024	2/15/2024	5,112.78	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	5,112.78		
2/15/2024	2/15/2024	9,766.72	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	9,766.72		
2/15/2024	2/15/2024	7,235.49	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	7,235.49		
2/15/2024	2/15/2024	5,314.66	44933LAC7	HART 2021-A A3	0.38%	9/15/2025	5,314.66		
2/21/2024	2/21/2024	5,096.24	43813GAC5	HAROT 2021-1 A3	0.27%	4/21/2025	5,096.24		
3/1/2024	3/25/2024	1,073.55	3137BTUM1	FHMS K061 A2	3.34%	11/1/2026	1,073.55		
3/1/2024	3/25/2024	427.99	3137HAD45	FHMS KJ46 A1	4.77%	6/1/2028	427.99		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
PAYDOWNS									
3/1/2024	3/25/2024	363.30	3137HAMG8	FHMS K506 A1	4.65%	5/1/2028	363.30		
3/1/2024	3/25/2024	717.89	3137HAMN3	FHMS KJ47 A1	5.27%	8/1/2028	717.89		
3/1/2024	3/25/2024	2,339.24	3137HAMR4	FHMS K507 A1	4.80%	4/1/2028	2,339.24		
3/15/2024	3/15/2024	8,940.77	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	8,940.77		
3/15/2024	3/15/2024	6,792.64	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	6,792.64		
3/15/2024	3/15/2024	5,100.83	44933LAC7	HART 2021-A A3	0.38%	9/15/2025	5,100.83		
3/15/2024	3/15/2024	4,874.44	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	4,874.44		
3/15/2024	3/15/2024	2,949.68	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	2,949.68		
3/21/2024	3/21/2024	4,918.21	43813GAC5	HAROT 2021-1 A3	0.27%	4/21/2025	4,918.21		
Total PAYDOWNS		116,395.68					116,395.68		0.00
SELL									
1/25/2024	1/31/2024	330,000.00	912797JC2	US TREASURY BILL	0.00%	2/6/2024	329,712.11		2.68
2/16/2024	2/22/2024	655,000.00	912828W48	US TREASURY NOTES	2.12%	2/29/2024	661,359.09		-295.35
3/11/2024	3/14/2024	67,000.00	912828W71	US TREASURY NOTES	2.12%	3/31/2024	67,543.67		-141.25
3/20/2024	3/21/2024	520,000.00	912828W71	US TREASURY NOTES	2.12%	3/31/2024	524,694.97		-706.98
Total SELL		1,572,000.00					1,583,309.84		-1,140.90

Important Disclosures

This material is for general information purposes only and is not intended to provide specific advice or a specific recommendation, as it was prepared without regard to any specific objectives or financial circumstances.

Investment advisory services are provided by PFM Asset Management LLC ("PFMAM"), an investment adviser registered with the U.S. Securities and Exchange Commission and a subsidiary of U.S. Bancorp Asset Management, Inc. ("USBAM"). USBAM is a subsidiary of U.S. Bank National Association ("U.S. Bank"). U.S. Bank is a separate entity and subsidiary of U.S. Bancorp. U.S. Bank is not responsible for and does not guarantee the products, services or performance of PFMAM. The information contained is not an offer to purchase or sell any securities. Additional applicable regulatory information is available upon request.

PFMAM professionals have exercised reasonable professional care in the preparation of this performance report. Information in this report is obtained from sources external to PFMAM and is generally believed to be reliable and available to the public; however, we cannot guarantee its accuracy, completeness or suitability. We rely on the client's custodian for security holdings and market values. Transaction dates reported by the custodian may differ from money manager statements. While efforts are made to ensure the data contained herein is accurate and complete, we disclaim all responsibility for any errors that may occur. References to particular issuers are for illustrative purposes only and are not intended to be recommendations or advice regarding such issuers. Fixed income manager and index characteristics are gathered from external sources. When average credit quality is not available, it is estimated by taking the market value weights of individual credit tiers on the portion of the strategy rated by a NRSRO.

It is not possible to invest directly in an index. The index returns shown throughout this material do not represent the results of actual trading of investor assets. Third-party providers maintain the indices shown and calculate the index levels and performance shown or discussed. Index returns do not reflect payment of any sales charges or fees an investor would pay to purchase the securities they represent. The imposition of these fees and charges would cause investment performance to be lower than the performance shown.

The views expressed within this material constitute the perspective and judgment of PFMAM at the time of distribution and are subject to change. Any forecast, projection, or prediction of the market, the economy, economic trends, and equity or fixed-income markets are based upon certain assumptions and current opinion as of the date of issue and are also subject to change. Some, but not all assumptions are noted in the report. Assumptions may or may not be proven correct as actual events occur, and results may depend on events outside of your or our control. Changes in assumptions may have a material effect on results. Opinions and data presented are not necessarily indicative of future events or expected performance.

For more information regarding PFMAM's services or entities, please visit www.pfmam.com.

© 2023 PFM Asset Management LLC. Further distribution is not permitted without prior written consent.

Important Disclosures

- Market values that include accrued interest are derived from closing bid prices as of the last business day of the month as supplied by Refinitiv, Bloomberg, or Telerate. Where prices are not available from generally recognized sources, the securities are priced using a yield-based matrix system to arrive at an estimated market value.
- In accordance with generally accepted accounting principles, information is presented on a trade date basis; forward settling purchases are included in the monthly balances, and forward settling sales are excluded.
- Performance is presented in accordance with the CFA Institute's Global Investment Performance Standards (GIPS). Unless otherwise noted, performance is shown gross of fees. Quarterly returns are presented on an unannualized basis. Returns for periods greater than one year are presented on an annualized basis. Past performance is not indicative of future returns.
- Bank of America/Merrill Lynch Indices provided by Bloomberg Financial Markets.
- Money market fund/cash balances are included in performance and duration computations.
- Standard & Poor's is the source of the credit ratings. Distribution of credit rating is exclusive of money market fund/LGIP holdings.
- Callable securities in the portfolio are included in the maturity distribution analysis to their stated maturity date, although, they may be called prior to maturity.
- MBS maturities are represented by expected average life.

Glossary

- **Accrued Interest:** Interest that is due on a bond or other fixed income security since the last interest payment was made.
- **Agencies:** Federal agency securities and/or Government-sponsored enterprises.
- **Amortized Cost:** The original cost of the principal of the security is adjusted for the amount of the periodic reduction of any discount or premium from the purchase date until the date of the report. Discount or premium with respect to short-term securities (those with less than one year to maturity at time of issuance) is amortized on a straight line basis. Such discount or premium with respect to longer-term securities is amortized using the constant yield basis.
- **Asset-Backed Security:** A financial instrument collateralized by an underlying pool of assets – usually ones that generate a cash flow from debt, such as loans, leases, credit card balances, and receivables.
- **Bankers' Acceptance:** A draft or bill of exchange accepted by a bank or trust company. The accepting institution guarantees payment of the bill as well as the insurer.
- **Commercial Paper:** An unsecured obligation issued by a corporation or bank to finance its short-term credit needs, such as accounts receivable and inventory.
- **Contribution to Total Return:** The weight of each individual security multiplied by its return, then summed for each sector to determine how much each sector added or subtracted from the overall portfolio performance.
- **Effective Duration:** A measure of the sensitivity of a security's price to a change in interest rates, stated in years.
- **Effective Yield:** The total yield an investor receives in relation to the nominal yield or coupon of a bond. Effective yield takes into account the power of compounding on investment returns, while nominal yield does not.
- **FDIC:** Federal Deposit Insurance Corporation. A federal agency that insures bank deposits to a specified amount.
- **Interest Rate:** Interest per year divided by principal amount and expressed as a percentage.
- **Market Value:** The value that would be received or paid for an investment in an orderly transaction between market participants at the measurement date.
- **Maturity:** The date upon which the principal or stated value of an investment becomes due and payable.
- **Negotiable Certificates of Deposit:** A CD with a very large denomination, usually \$1 million or more, that can be traded in secondary markets.
- **Par Value:** The nominal dollar face amount of a security.
- **Pass-through Security:** A security representing pooled debt obligations that passes income from debtors to its shareholders. The most common type is the mortgage-backed security.

Glossary

- **Repurchase Agreements:** A holder of securities sells these securities to an investor with an agreement to repurchase them at a fixed price on a fixed date.
- **Settle Date:** The date on which the transaction is settled and monies/securities are exchanged. If the settle date of the transaction (i.e., coupon payments and maturity proceeds) occurs on a non-business day, the funds are exchanged on the next business day.
- **Supranational:** A multinational union or association in which member countries cede authority and sovereignty on at least some internal matters to the group, whose decisions are binding on its members.
- **Trade Date:** The date on which the transaction occurred; however, the final consummation of the security transaction and payment has not yet taken place.
- **Unsettled Trade:** A trade which has been executed; however, the final consummation of the security transaction and payment has not yet taken place.
- **U.S. Treasury:** The department of the U.S. government that issues Treasury securities.
- **Yield:** The rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.
- **YTM at Cost:** The yield to maturity at cost is the expected rate of return based on the original cost, the annual interest receipts, maturity value, and the time period from purchase date to maturity, stated as a percentage on an annualized basis.
- **YTM at Market:** The yield to maturity at market is the rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.

Directors
Manny Fernandez
Pat Kite
Anjali Lathi
Jennifer Toy



Officers
Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 10, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #10**

TITLE: **Review and Consider Approval of Investment Policy 2030 (*to be reviewed by the Budget & Finance Committee*) (*Motion Item*)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Mark Carlson, Business Service Work Group Manager

Recommendation

Review and consider approval of the District’s Investment Policy (No. 2030) and renewal of delegation of authority of Treasurer to the Business Services Manager for a one-year period, per CA Govt. Code Section 53607 as amended by Stats. 1996, Ch. 749, Sec. 6.

The authority of the Board to invest funds of the District, may be delegated for a one-year period to the Treasurer, who shall thereafter assume responsibility and make a monthly report to the Board. Subject to review, the Board may renew the delegation of authority pursuant to this section each year.

Discussion

Staff and PFM Asset Management, LLC have reviewed the Investment Policy and have one proposed change other than minor administrative updates and clarifications:

- Addition of the PARS 115 Trust to the scope of covered investments.

Background

The District Investment Policy requires review and approval by the Board of Directors on an annual basis. The Policy was last presented in March 2023.

Previous Board Action

03/13/2023 Board Meeting – Approval of Updates to Policy 2030 Investment Policy.

Attachments

1. 2030 Investment Policy Mar 2024 Redline Version
2. 2030 Investment Policy May 2024 Cleanline Version

Union Sanitary District
Policy and Procedure Manual

Effective Date:	Investment Policy	Policy Number 2030
March 202 43		Page 1 of 14

I. INVESTMENT POLICY

A. Purpose

The purpose of the Union Sanitary District’s (“USD”) Investment Policy is to establish clear guidelines, objectives, policies and understanding for the Board of Directors, USD management, responsible employees, citizens and third parties for the investment of certain USD funds. USD funds invested shall provide sufficient cash flow to meet current and expected operating expenses and to fund capital requirements as described in USD’s Capital Improvement Program and Financial Plan USD shall review this policy as least once annually and may change its policies as investment objectives change.

B. Objectives

The objectives of this investment policy are, in order of priority:

- i. To assure ongoing compliance with all Federal, State and local laws governing the investment of public funds;
- ii. To ensure safety of invested funds;
- iii. To maintain sufficient liquidity to meet cash flow needs for all operating requirements which might be reasonably anticipated without requiring a sale of securities;
- iv. Maintain a diversified investment portfolio to avoid incurring unreasonable risks regarding specific security types or individual financial institutes; and to maximize the average rate of return consistent with the primary objectives of safety and liquidity.

C. Prudence

The Prudent Investor Standard shall be used by investment officials and shall be applied in the context of managing an overall portfolio. The prudent investor standard states:

When investing, reinvesting, purchasing, acquiring, exchanging, selling, and managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency.

Staff acting in accordance with written procedures and the investment policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported within 30 days and appropriate action is taken to control adverse developments.

D. Ethics and Conflicts of Interest

Officers and employees involved in the investment process shall refrain from personal business activity that could conflict with proper execution of the investment program, or which could impair their ability to make impartial investment decisions.

II. OPERATIONS AND PROCEDURAL MATTERS

A. Scope

This investment policy applies to all financial assets and investment activities of USD except proceeds of debt issued under an indenture and USD's Deferred Compensation Plan managed by a third-party administrator and invested by individual participants, ~~and~~ USD's retiree medical trust held with CalPERS (the CERBT Trust) and pension assets held with CalPERS since the assets of both plans are managed by CalPERS, and USD's 115 Pension Trust administered by PARS on behalf of USD.-

Proceeds of debt issuance shall be invested in accordance with the general investment philosophy of USD as set forth in this policy; however, such proceeds are invested in accordance with permitted investment provisions of their specific bond indentures.

B. Delegation of Authority

1. Authority to manage USD's investment program is derived from the California Government Code Sections 53600 et seq., and USD's Charter.
2. With the approval of the Board of Directors, USD may engage the services of an external investment advisor to assist in the management of USD's investment portfolio in a manner consistent with USD's objectives. Such external investment advisors may be granted discretion to purchase and sell investment securities in accordance with this Investment Policy. Such discretion will be subject to oversight and other restrictions which are to be described in a written agreement. Such advisor must be registered under the Investment Advisers Act of 1940.
3. In accordance with Government Code Section 53607, the Board of Directors delegates to the General Manager/Treasurer, or their designee, the authority to invest, sell or exchange securities. This delegation of authority must be reviewed, and if still applicable, renewed on an annual basis. The Board shall receive a monthly report of the transactions conducted on its behalf.

C. Internal Controls

The General Manager/Treasurer is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the entity are protected from loss, theft or misuse. The internal control structure shall be designed to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that (1) the cost of a control should not exceed the benefits likely to be derived; and (2) the valuation of costs and benefits requires estimates and judgments by management.

As part of the annual financial audit, USD's external auditor will perform a review of investment transactions to verify compliance with policies and procedures.

D. Delivery vs. Payment

All investment transactions of USD shall be conducted using standard delivery- vs.- payment procedures.

E. Safekeeping of Securities

To protect against potential losses by collapse of individual securities dealers, and to enhance access to securities, interest payments and maturity proceeds, all securities owned by USD shall be held in safekeeping by a third-party bank trust department, acting as agent for USD under the terms of a custody agreement executed by the bank and by USD. The only exception to the foregoing shall be depository accounts and securities purchases made with: (i) local government investment pools; (ii) time certificates of deposit, and (iii) money market mutual funds since the purchased securities are not deliverable. Evidence of each of these investments will be held by USD.

F. Qualifications and Selection of Broker/Dealers

USD shall purchase investments with security broker/dealers based on their reliability; trustworthiness; and their expertise in public cash management. Brokers/dealers must be registered with the state and provide upon request other information to determine their creditworthiness and trustworthiness such as proof of Financial Industry Regulatory Authority (FINRA) registration. A list of security brokers/dealers USD is doing business with will be provided to the Board of Directors with the monthly investment report. A copy of the current USD investment policy will be provided to all security broker/dealers doing business with USD. It shall be the policy of USD to purchase securities only from authorized institutions or firms.

For transactions initiated through an external investment advisor, the investment advisor may use their own list of approved broker/dealers and financial institutions, which it will maintain and review periodically.

III. PERMITTED INVESTMENT AND PORTFOLIO RISK MANAGEMENT

A. Authorized Investments

All investments shall be made in accordance with Sections 53600 et seq. of the Government Code of California and as described within this Investment Policy. Within the investments permitted by the Government Code, USD seeks to further restrict eligible investment to the investments listed below. In the event an apparent discrepancy is found between this Investment Policy and the Government Code, the more restrictive parameters will take precedence. Percentage holding limits listed in this section apply at the time the security is purchased. A security purchased in accordance with this section shall not have a forward settlement date exceeding 45 days from the time of investment.

1. United States Treasury notes, bonds, bills, or certificates of indebtedness, or those for which the faith and credit of the United States are pledged for the payment of principal and interest. There is no limitation as to the percentage of the portfolio that may be invested in this category.
2. Federal agency or United States government-sponsored enterprise obligations, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises. With the exception of federal agency mortgage-backed securities which are limited to twenty percent (20%) of the total portfolio there is no limitation as to the percentage of the portfolio that may be invested in this category.
3. Bankers' acceptances, otherwise known as bills of exchange or time drafts, that are drawn on and accepted by a commercial bank with a final maturity not exceeding 180 days from the date of trade settlement, rated at least "A-1" or the equivalent by a nationally recognized statistical- rating organization (NRSRO). The aggregate investment in banker's acceptances shall not exceed forty percent (40%) of USD's total portfolio.
4. Federally insured or collateralized time deposits (Non-negotiable certificates of deposit) provided that the certificates of deposit meet the conditions in either paragraph (a) or paragraph (b):
 - a) Certificates of deposits shall meet the requirements for deposit under Government Code Section 53630 et. seq. To be eligible to receive USD deposits, the financial institution must have received a minimum overall satisfactory rating for meeting the credit needs of California Communities in its most recent evaluation, as provided in Government Code Section 53635.2. Deposits are required to be collateralized as specified under Government Code Section 53630 et. seq. The General Manager/Treasurer, at his or her discretion, may waive the collateralization requirements for any portion that is covered by federal deposit insurance. USD shall have a signed agreement with all depositories receiving USD deposits per Government

Code Section 53649. The maturity of time deposits may not exceed five years.

- b) Certificates of deposit placed through a deposit placement service shall meet the requirements under Government Code Section 53601.8. The full amount of the principal and the interest that may be accrued during the maximum term of each certificate of deposit shall at all times be insured by federal deposit insurance. The maximum term for placement service certificates of deposit shall be five years.

The combined amount invested in placement service certificates of deposit and negotiable certificates of deposit shall not exceed twenty percent (20%) of the portfolio.

- 5. Negotiable certificates of deposit (NCD) issued by a nationally or state- chartered bank, a savings association or a federal association (as defined by Section 5102 by the Financial Code), a state or federal credit union, or by a federally licensed or state-licensed branch of a foreign bank. Purchases of NCDs shall not exceed thirty percent (30%) of the total portfolio.
- 6. Repurchase agreements with a final termination date not exceeding 90 days from the date of trade settlement collateralized solely by United States Treasury, federal agency, or United States government sponsored enterprises permitted by this Investment Policy. The purchased securities (the "collateral") shall have a minimum market value of one hundred and two percent (102%) of the dollar value of the funds invested. The market value of the collateral securities shall be marked-to-the-market daily and the value shall be adjusted no less frequently than weekly. No substitution of collateral shall be allowed without the prior approval of the General Manager/Treasurer. All collateral securing repurchase agreements must be delivered to USD's custodian bank or handled under a tri-party repurchase agreement. USD or its trustee shall have a perfected first security interest under the Uniform Commercial Code in all securities subject to repurchase agreement.

Approved repurchase agreement counterparties shall have a repurchase agreement counterparty credit rating of at least "A-1" or the equivalent and a long-term credit rating of at least "A" or the equivalent by a NRSRO. Repurchase agreement counterparties shall execute a USD approved master repurchase agreement with USD. No more than ten percent (10%) of USD's total portfolio shall be invested in repurchase agreements.

- 7. Commercial Paper with the highest letter and numerical rating as provided for by a NRSRO. Eligible commercial paper shall have a final maturity not exceeding 270 days from the date of trade settlement. The aggregate investment in commercial paper shall not exceed twenty five percent (25%) of USD's total

portfolio. Furthermore, USD may invest no more than 5% of its total investment assets in the commercial paper and medium-term notes of any single issuer. The entity that issues the commercial paper shall meet all of the following conditions in either paragraph 1 or paragraph 2 below:

(1) The entity meets the following criteria:

- is organized and operating in the United States as a general corporation;
- has total assets in excess of five hundred million dollars (\$500,000,000); and
- has debt other than commercial paper, if any, that is rated in a rating category of "A" or its equivalent or higher by an NRSRO.

(2) The entity meets the following criteria:

- is organized within the United States as a special purpose corporation, trust, or limited liability company;
- has program wide credit enhancements including, but not limited to, overcollateralization, letters of credit, or surety bond; and
- has commercial paper that is rated "A-1" or higher, or the equivalent, by an NRSRO.

8. State of California's Local Agency Investment Fund ("LAIF"), pursuant to California Code Section 16429.1. The maximum limit permitted by the State may be invested in LAIF. -
9. Corporate medium-term notes, defined as all corporate and depository institution debt securities with a maximum remaining maturity of five years or less, issued by corporations organized and operating within the United States or by depository institutions licensed by the United States or any state and operating within the United States. Notes eligible for investment under this subdivision shall be rated in a rating category of "A" or its equivalent or better by an NRSRO. Purchases may not exceed thirty percent (30%) of invested funds. USD may invest no more than 5% of its total investment assets in the commercial paper and medium-term notes of any single issuer.
10. Municipal Obligations. USD may purchase municipal obligations in the following categories.
 - a. USD Bonds – Bonds issued by USD, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by USD or by a department, board, agency, or authority of USD.
 - b. California State Obligations – Registered state warrants or treasury notes or bonds of the State of California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by the State or by a department, board, agency, or authority of

the State.

- c. Local Agency Bonds – Bonds, notes, warrants, or other evidences of indebtedness of any local agency within the State of California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by the local agency, or by a department, board, agency, or authority of the local agency.
- d. Obligations of Other 49 States - Registered treasury notes or bonds of any of the other 49 states in addition to California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state or by a department, board, agency, or authority of any of the other 49 states, in addition to California.

With the exception of obligations issued by USD, purchases of municipal obligations are limited to securities rated at least in the “A” (long-term) or “A-1” (short-term), or their equivalents, by a NRSRO. Obligations shall have a maximum maturity of five years. USD may invest in this category up to the limit allowed by California Code Section 53601.

11. Money market mutual funds, provided that such funds

- a. Are registered with the Securities and Exchange Commission and are rated “AAAm” or its equivalent by not less than two NRSROs; or have retained an investment adviser registered or exempt from registration with the Securities and Exchange Commission with not less than five years’ experience managing money market mutual funds with assets under management in excess of five hundred million dollars (\$500,000,000); and
- b. The purchase price of shares shall not exceed twenty percent (20%) of USD’s portfolio; and
- c. If USD has funds invested in a money market fund, a copy of fund’s information statement shall be maintained on file for due diligence. In addition, the General Manager/Treasurer should review the fund’s summary holdings on a quarterly basis.

12. Shares of beneficial interest issued by a joint powers authority organized pursuant to Section 6509.7 that invests in the securities and obligations authorized in Code Section 53601 subdivisions (a) to (r) inclusive as provided, provided that

- a. The pool’s investment advisor meets the requirements of 53601(p);
- b. The pool seeks to maintain a stable Net Asset Value (“NAV”);
- c. The pool is rated “AAAm” or its equivalent by a NRSRO; and

- d. If USD has funds invested in a pool, a copy of pool's information statement shall be maintained on file for due diligence. In addition, the General Manager/Treasurer should review the pool's summary holdings on a quarterly basis.
13. A mortgage passthrough security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-backed certificate, consumer receivable passthrough certificate, or consumer receivable-backed bond. Securities eligible for investment under this subdivision shall be rated in a rating category of "AA" or its equivalent or better by an NRSRO and have a maximum remaining maturity of five years or less. Purchases may not exceed twenty percent (20%) of invested funds.
 14. United States dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development, International Finance Corporation, or the Inter-American Development Bank, with a maximum remaining maturity of five years or less, and eligible for purchase and sale within the United States. Investments under this subdivision shall be rated "AA" or better by an NRSRO and shall not exceed thirty percent (30%) of the agency's total portfolio that may be invested pursuant to this section.

B. Prohibited Investment Vehicles and Practices

1. State law notwithstanding, any investments not specifically described herein are prohibited, including, but not limited to, mutual funds.
2. In accordance with Government Code Section 53601.6, investment in inverse floaters, range notes, or mortgage derived interest-only strips is prohibited.
3. In accordance with Government Code Section 53601.6, investment in any security that could result in a zero-interest accrual if held to maturity is prohibited, except as provided in the subsequent paragraph.

Notwithstanding the prohibitions stated in the above paragraph, effective January 1, 2021, USD may invest in securities issued by, or backed by, the United States government that could result in zero- or negative-interest accrual if held to maturity, in the event of, and for the duration of, a period of negative market interest rates. USD may hold these instruments until their maturity dates. Securities described in this paragraph shall remain in effect only until January 1, 2026, and as of that date is repealed.

4. Trading securities for the sole purpose of speculating on the future direction of interest rates is prohibited.
5. Purchasing or selling securities on margin is prohibited.
6. The use of reverse repurchase agreements, securities lending or any other form of borrowing or leverage is prohibited.

7. USD is not permitted to deposit funds into any state or federal credit union, if a member of the Board of Directors, or any person with investment decision making authority also serves on the Board of Directors, or any committee appointed by the Board of Directors, or the credit committee or supervisory committee, of the state or federal credit union.

C. Mitigating Credit Risk in the Portfolio

Credit risk is the risk that a security or a portfolio will lose some or all of its value due to a real or perceived change in the ability of the issuer to repay its debt. USD shall mitigate credit risk by adopting the following strategies:

1. The diversification requirements included in Section III (A) are designed to mitigate credit risk in the portfolio. With the exception of investments in United States Treasury Obligations, no single investment category shall constitute more than 70% of the District's overall portfolio without prior Board approval. Should United States Treasury Obligations ever exceed 70% of the District's portfolio, the District's General Manager, in consultation with the District's investment advisors, shall report to the Board at the next possible Board meeting advising the Board the reasons for the exceedance and seeking Board input and direction.
2. No more than five percent (5%) of the total portfolio may be invested in securities of any single issuer, other than LAIF, local government investment pools, all U.S. Government, its agencies and instrumentalities.
3. USD may elect to sell a security prior to its maturity and record a capital gain or loss in order to improve the quality, liquidity, return, or yield of the portfolio in response to market conditions or USD's risk preferences.
4. If securities owned by USD are downgraded by a NRSRO to a level below the quality required by this Investment Policy, it shall be USD's policy to review the credit situation and make a determination as to whether to sell or retain such securities in the portfolio.

If a decision is made to retain a downgraded security in the portfolio, its presence in the portfolio will be monitored and reported to USD's Board of Directors. USD will use discretion in determining whether to sell or hold the security based on its current maturity, the loss in value, the economic outlook for the issuer, and other relevant factors.

IV. INVESTMENT PERFORMANCE OBJECTIVES

To maximize the average rate of return consistent with the primary objectives of safety and liquidity. USD staff will establish a performance benchmark for its portfolio consistent with agency needs and will periodically review the benchmark for continued applicability.

V. INVESTMENT GUIDELINES

A. Liquidity

To the extent possible, investments shall be matched with anticipated cash flow requirements and known future liabilities to ensure adequate cash reserves to pay current expenses.

If USD uses an investment advisor, USD's General Manager/Treasurer, or designee, shall communicate periodically with the investment adviser in order to keep the adviser informed as to USD's specific short-term liquidity requirements.

B. Maximum Maturities

USD will not invest in securities maturing more than five (5) years from the date of settlement, unless the Board of Directors has by resolution granted authority to make such an investment at least three months prior to the date of investment.

Senate Bill 1489, approved in September 2022, also known as the Local Government Omnibus Act of 2022, made a number of changes that impact the investment of public funds and the reporting practices of public agencies. Changes made to Code section 53601 included language stating that an investment's term or remaining maturity shall be measured from the settlement date to final maturity, ~~and, that a security purchased in accordance with Code section 53601 shall not have a forward settlement date exceeding 45 days from the time of investment.~~

VI. REPORTING, DISCLOSURE AND PROGRAM EVALUATION

A. Monthly Reports

Monthly investment reports shall be submitted by USD finance staff to USD's Board of Directors and the General Manager. These reports shall disclose, at a minimum, the following information about the risk characteristics of USD's portfolio:

1. As asset listing showing par value, cost and market value of each security, type of investment, issuer name, credit quality, coupon rate and yield to maturity at cost;
2. A one or two-page summary report which shows:
 - a. Weighted average maturity of the portfolio;
 - b. Maturity distribution of the portfolio;
 - c. A list of portfolio transactions;
3. A statement of compliance with the investment policy, including a schedule of any transactions or holdings which do not comply with this policy or with the California Government Code, if any, including a justification for their presence in the portfolio and a timetable for resolution; and
4. A statement that USD has adequate funds to meet its cash flow requirements for the next six months.
5. A list of broker/dealers the District is currently using.

B. Annual Reports

1. The investment policy shall be reviewed at least two months before the published “next review date” reflected on the current investment policy and adopted before the current investment policy expires to ensure its consistency with the overall objectives of preservation of principal, liquidity and return, and its relevance to current law and financial and economic trends.
2. The investment program shall be included in the scope of USD’s annual audit.

C. Periodic Investment Program Review

USD shall retain the services of an expert investment manager/consultant to perform a thorough review of the investment program a minimum of once every four years.

Approved by:	Board of Directors
Author/owner:	Business Services Workgroup Manager/Chief Financial Officer
Reviewers:	Executive Team, Sr. Accounting and Financial Analyst
Notify Person:	Business Services Workgroup Manager/Chief Financial Officer, ad hoc Investment Committee
Revision frequency:	Annually
Next Review:	March 2025 ⁴ (review typically begins 2 months prior to this date)

GLOSSARY OF INVESTMENT TERMS

Asset-backed security. A security supported by assets such as automobile loans or other consumer receivables which are placed with a trustee for the benefit of the owners of the security.

Banker's acceptance. A high quality, short term money market instrument used to finance international trade. There has never been an instance of a failure to pay a banker's acceptance in full at its maturity date.

Benchmark. A segment of the securities market with characteristics similar to the subject portfolio. It is used to compare portfolio performance to the performance of the appropriate segment of the market.

Callable Security. Callable securities are those which contain an option allowing the issuer to retire the security prior to its final maturity date. If the level of interest rates falls sufficiently, the issuer of the bond will exercise the option and call the bond away from the investor. The issuer can save money by issuing new bonds at lower rates. Types of callable bonds can range from "one-time" to "quarterly" to "continuous" calls.

California Asset Management Program (CAMP). A pooled investment vehicle and Joint Powers Authority for local agencies in California which manages the California Asset Management Trust.

Commercial paper. Short term, negotiable unsecured promissory notes of corporations.

Delivery vs. payment. A securities industry procedure in which payment for a security is not released until the security is delivered to the customer's bank custodial account.

Inverse floaters. A security with an interest rate which changes periodically in the opposite direction to the change in the general level of interest rates.

Investment Official. An individual who is authorized to make investment decisions and execute investments of funds on behalf of USD.

Leverage. An investment practice in which the investor borrows money in order to increase the amount invested.

Local Agency Investment Fund (LAIF). A pooled investment vehicle for local agencies in California sponsored by the State of California and administered by the State Treasurer.

Market cycle. A market cycle is defined as a period of time which includes a minimum of two consecutive quarters of falling interest rates followed by a minimum of two consecutive quarters of rising interest rates.

Money market mutual fund. A mutual fund which invests in short term money market instruments only, and which has as an investment objective.

Nationally Recognized Statistical Rating Organization (NRSRO). A credit rating agency which issues credit ratings that the US Securities and Exchange Commission (SEC) permits other financial firms to use for certain regulatory purposes. Commonly used NRSROs are Moody's Investor Service, Standard & Poor's, and Fitch Ratings.

Negotiable certificate of deposit. A large denomination certificate of deposit which can be sold in the open market prior to maturity.

Range notes. Fixed income securities which pay interest only under certain conditions which are defined in the bond's indenture.

Repurchase agreement. An investment transaction wherein an investor agrees to purchase securities at an agreed upon price, and simultaneously agrees to sell the securities back to the counterparty on an agreed upon future date at an agreed upon price.

Time certificate of deposit. A non-negotiable certificate of deposit which cannot be sold prior to maturity.

Total rate of return. Annual return on an investment including appreciation and dividends or interest. For bonds held to maturity, total return is yield to maturity.

Weighted Average Maturity. The weighted average of the remaining terms of the underlying securities, using the current balance of each security as the weighting factor.

Appendix A – Credit Ratings for Corporate Notes

Equivalent Credit Ratings				
Credit Risk	Moody's*	Standard & Poor's*	Fitch IBCA**	Duff & Phelps**
INVESTMENT GRADE				
Highest quality	Aaa	AAA	AAA	AAA
High quality (very strong)	Aa	AA	AA	AA
Upper medium grade (strong)	A	A	A	A
Medium grade	Baa	BBB	BBB	BBB
NOT INVESTMENT GRADE				
Lower medium grade (somewhat speculative)	Ba	BB	BB	BB
Low grade (speculative)	B	B	B	B
Poor quality (may default)	Caa	CCC	CCC	CCC
Most speculative	Ca	CC	CC	CC
No interest being paid or bankruptcy petition filed	C	C	C	C
In default	C	D	D	D

Source: The Bond Market Association

* The ratings from Aa to Ca by Moody's may be modified by the addition of a 1, 2 or 3 to show relative standing within the category.

**The ratings from AA to CC by Standard & Poor's, Fitch IBCA and Duff & Phelps may be modified by the addition of a plus or minus sign to show relative standing within the category.

Union Sanitary District
Policy and Procedure Manual

Effective Date:	Investment Policy	Policy Number 2030
March 2024		Page 1 of 14

I. INVESTMENT POLICY

A. Purpose

The purpose of the Union Sanitary District’s (“USD”) Investment Policy is to establish clear guidelines, objectives, policies and understanding for the Board of Directors, USD management, responsible employees, citizens and third parties for the investment of certain USD funds. USD funds invested shall provide sufficient cash flow to meet current and expected operating expenses and to fund capital requirements as described in USD’s Capital Improvement Program and Financial Plan USD shall review this policy as least once annually and may change its policies as investment objectives change.

B. Objectives

The objectives of this investment policy are, in order of priority:

- i. To assure ongoing compliance with all Federal, State and local laws governing the investment of public funds;
- ii. To ensure safety of invested funds;
- iii. To maintain sufficient liquidity to meet cash flow needs for all operating requirements which might be reasonably anticipated without requiring a sale of securities;
- iv. Maintain a diversified investment portfolio to avoid incurring unreasonable risks regarding specific security types or individual financial institutes; and to maximize the average rate of return consistent with the primary objectives of safety and liquidity.

C. Prudence

The Prudent Investor Standard shall be used by investment officials and shall be applied in the context of managing an overall portfolio. The prudent investor standard states:

When investing, reinvesting, purchasing, acquiring, exchanging, selling, and managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency.

Staff acting in accordance with written procedures and the investment policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported within 30 days and appropriate action is taken to control adverse developments.

D. Ethics and Conflicts of Interest

Officers and employees involved in the investment process shall refrain from personal business activity that could conflict with proper execution of the investment program, or which could impair their ability to make impartial investment decisions.

II. OPERATIONS AND PROCEDURAL MATTERS

A. Scope

This investment policy applies to all financial assets and investment activities of USD except proceeds of debt issued under an indenture and USD's Deferred Compensation Plan managed by a third-party administrator and invested by individual participants, USD's retiree medical trust held with CalPERS (the CERBT Trust) and pension assets held with CalPERS since the assets of both plans are managed by CalPERS, and USD's 115 Pension Trust administered by PARS on behalf of USD.

Proceeds of debt issuance shall be invested in accordance with the general investment philosophy of USD as set forth in this policy; however, such proceeds are invested in accordance with permitted investment provisions of their specific bond indentures.

B. Delegation of Authority

1. Authority to manage USD's investment program is derived from the California Government Code Sections 53600 et seq., and USD's Charter.
2. With the approval of the Board of Directors, USD may engage the services of an external investment advisor to assist in the management of USD's investment portfolio in a manner consistent with USD's objectives. Such external investment advisors may be granted discretion to purchase and sell investment securities in accordance with this Investment Policy. Such discretion will be subject to oversight and other restrictions which are to be described in a written agreement. Such advisor must be registered under the Investment Advisers Act of 1940.
3. In accordance with Government Code Section 53607, the Board of Directors delegates to the General Manager/Treasurer, or their designee, the authority to invest, sell or exchange securities. This delegation of authority must be reviewed, and if still applicable, renewed on an annual basis. The Board shall receive a monthly report of the transactions conducted on its behalf.

C. Internal Controls

The General Manager/Treasurer is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the entity are protected from loss, theft or misuse. The internal control structure shall be designed to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that (1) the cost of a control should not exceed the benefits likely to be derived; and (2) the valuation of costs and benefits requires estimates and judgments by management.

As part of the annual financial audit, USD's external auditor will perform a review of investment transactions to verify compliance with policies and procedures.

D. Delivery vs. Payment

All investment transactions of USD shall be conducted using standard delivery- vs.- payment procedures.

E. Safekeeping of Securities

To protect against potential losses by collapse of individual securities dealers, and to enhance access to securities, interest payments and maturity proceeds, all securities owned by USD shall be held in safekeeping by a third-party bank trust department, acting as agent for USD under the terms of a custody agreement executed by the bank and by USD. The only exception to the foregoing shall be depository accounts and securities purchases made with: (i) local government investment pools; (ii) time certificates of deposit, and (iii) money market mutual funds since the purchased securities are not deliverable. Evidence of each of these investments will be held by USD.

F. Qualifications and Selection of Broker/Dealers

USD shall purchase investments with security broker/dealers based on their reliability; trustworthiness; and their expertise in public cash management. Brokers/dealers must be registered with the state and provide upon request other information to determine their creditworthiness and trustworthiness such as proof of Financial Industry Regulatory Authority (FINRA) registration. A list of security brokers/dealers USD is doing business with will be provided to the Board of Directors with the monthly investment report. A copy of the current USD investment policy will be provided to all security broker/dealers doing business with USD. It shall be the policy of USD to purchase securities only from authorized institutions or firms.

For transactions initiated through an external investment advisor, the investment advisor may use their own list of approved broker/dealers and financial institutions, which it will maintain and review periodically.

III. PERMITTED INVESTMENT AND PORTFOLIO RISK MANAGEMENT

A. Authorized Investments

All investments shall be made in accordance with Sections 53600 et seq. of the Government Code of California and as described within this Investment Policy. Within the investments permitted by the Government Code, USD seeks to further restrict eligible investment to the investments listed below. In the event an apparent discrepancy is found between this Investment Policy and the Government Code, the more restrictive parameters will take precedence. Percentage holding limits listed in this section apply at the time the security is purchased. A security purchased in accordance with this section shall not have a forward settlement date exceeding 45 days from the time of investment.

1. United States Treasury notes, bonds, bills, or certificates of indebtedness, or those for which the faith and credit of the United States are pledged for the payment of principal and interest. There is no limitation as to the percentage of the portfolio that may be invested in this category.
2. Federal agency or United States government-sponsored enterprise obligations, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises. With the exception of federal agency mortgage-backed securities which are limited to twenty percent (20%) of the total portfolio there is no limitation as to the percentage of the portfolio that may be invested in this category.
3. Bankers' acceptances, otherwise known as bills of exchange or time drafts, that are drawn on and accepted by a commercial bank with a final maturity not exceeding 180 days from the date of trade settlement, rated at least "A-1" or the equivalent by a nationally recognized statistical- rating organization (NRSRO). The aggregate investment in banker's acceptances shall not exceed forty percent (40%) of USD's total portfolio.
4. Federally insured or collateralized time deposits (Non-negotiable certificates of deposit) provided that the certificates of deposit meet the conditions in either paragraph (a) or paragraph (b):
 - a) Certificates of deposits shall meet the requirements for deposit under Government Code Section 53630 et. seq. To be eligible to receive USD deposits, the financial institution must have received a minimum overall satisfactory rating for meeting the credit needs of California Communities in its most recent evaluation, as provided in Government Code Section 53635.2. Deposits are required to be collateralized as specified under Government Code Section 53630 et. seq. The General Manager/Treasurer, at his or her discretion, may waive the collateralization requirements for any portion that is covered by federal deposit insurance. USD shall have a signed agreement with all depositories receiving USD deposits per Government

Code Section 53649. The maturity of time deposits may not exceed five years.

- b) Certificates of deposit placed through a deposit placement service shall meet the requirements under Government Code Section 53601.8. The full amount of the principal and the interest that may be accrued during the maximum term of each certificate of deposit shall at all times be insured by federal deposit insurance. The maximum term for placement service certificates of deposit shall be five years.

The combined amount invested in placement service certificates of deposit and negotiable certificates of deposit shall not exceed twenty percent (20%) of the portfolio.

- 5. Negotiable certificates of deposit (NCD) issued by a nationally or state- chartered bank, a savings association or a federal association (as defined by Section 5102 by the Financial Code), a state or federal credit union, or by a federally licensed or state-licensed branch of a foreign bank. Purchases of NCDs shall not exceed thirty percent (30%) of the total portfolio.
- 6. Repurchase agreements with a final termination date not exceeding 90 days from the date of trade settlement collateralized solely by United States Treasury, federal agency, or United States government sponsored enterprises permitted by this Investment Policy. The purchased securities (the "collateral") shall have a minimum market value of one hundred and two percent (102%) of the dollar value of the funds invested. The market value of the collateral securities shall be marked-to-the-market daily and the value shall be adjusted no less frequently than weekly. No substitution of collateral shall be allowed without the prior approval of the General Manager/Treasurer. All collateral securing repurchase agreements must be delivered to USD's custodian bank or handled under a tri-party repurchase agreement. USD or its trustee shall have a perfected first security interest under the Uniform Commercial Code in all securities subject to repurchase agreement.

Approved repurchase agreement counterparties shall have a repurchase agreement counterparty credit rating of at least "A-1" or the equivalent and a long-term credit rating of at least "A" or the equivalent by a NRSRO. Repurchase agreement counterparties shall execute a USD approved master repurchase agreement with USD. No more than ten percent (10%) of USD's total portfolio shall be invested in repurchase agreements.

- 7. Commercial Paper with the highest letter and numerical rating as provided for by a NRSRO. Eligible commercial paper shall have a final maturity not exceeding 270 days from the date of trade settlement. The aggregate investment in commercial paper shall not exceed twenty five percent (25%) of USD's total

portfolio. Furthermore, USD may invest no more than 5% of its total investment assets in the commercial paper and medium-term notes of any single issuer. The entity that issues the commercial paper shall meet all of the following conditions in either paragraph 1 or paragraph 2 below:

(1) The entity meets the following criteria:

- is organized and operating in the United States as a general corporation;
- has total assets in excess of five hundred million dollars (\$500,000,000); and
- has debt other than commercial paper, if any, that is rated in a rating category of "A" or its equivalent or higher by an NRSRO.

(2) The entity meets the following criteria:

- is organized within the United States as a special purpose corporation, trust, or limited liability company;
- has program wide credit enhancements including, but not limited to, overcollateralization, letters of credit, or surety bond; and
- has commercial paper that is rated "A-1" or higher, or the equivalent, by an NRSRO.

8. State of California's Local Agency Investment Fund ("LAIF"), pursuant to California Code Section 16429.1. The maximum limit permitted by the State may be invested in LAIF. -
9. Corporate medium-term notes, defined as all corporate and depository institution debt securities with a maximum remaining maturity of five years or less, issued by corporations organized and operating within the United States or by depository institutions licensed by the United States or any state and operating within the United States. Notes eligible for investment under this subdivision shall be rated in a rating category of "A" or its equivalent or better by an NRSRO. Purchases may not exceed thirty percent (30%) of invested funds. USD may invest no more than 5% of its total investment assets in the commercial paper and medium-term notes of any single issuer.
10. Municipal Obligations. USD may purchase municipal obligations in the following categories.
 - a. USD Bonds – Bonds issued by USD, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by USD or by a department, board, agency, or authority of USD.
 - b. California State Obligations – Registered state warrants or treasury notes or bonds of the State of California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by the State or by a department, board, agency, or authority of

the State.

- c. Local Agency Bonds – Bonds, notes, warrants, or other evidences of indebtedness of any local agency within the State of California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by the local agency, or by a department, board, agency, or authority of the local agency.
- d. Obligations of Other 49 States - Registered treasury notes or bonds of any of the other 49 states in addition to California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state or by a department, board, agency, or authority of any of the other 49 states, in addition to California.

With the exception of obligations issued by USD, purchases of municipal obligations are limited to securities rated at least in the “A” (long-term) or “A-1” (short-term), or their equivalents, by a NRSRO. Obligations shall have a maximum maturity of five years. USD may invest in this category up to the limit allowed by California Code Section 53601.

11. Money market mutual funds, provided that such funds

- a. Are registered with the Securities and Exchange Commission and are rated “AAAm” or its equivalent by not less than two NRSROs; or have retained an investment adviser registered or exempt from registration with the Securities and Exchange Commission with not less than five years’ experience managing money market mutual funds with assets under management in excess of five hundred million dollars (\$500,000,000); and
- b. The purchase price of shares shall not exceed twenty percent (20%) of USD’s portfolio; and
- c. If USD has funds invested in a money market fund, a copy of fund’s information statement shall be maintained on file for due diligence. In addition, the General Manager/Treasurer should review the fund’s summary holdings on a quarterly basis.

12. Shares of beneficial interest issued by a joint powers authority organized pursuant to Section 6509.7 that invests in the securities and obligations authorized in Code Section 53601 subdivisions (a) to (r) inclusive as provided, provided that

- a. The pool’s investment advisor meets the requirements of 53601(p);
- b. The pool seeks to maintain a stable Net Asset Value (“NAV”);
- c. The pool is rated “AAAm” or its equivalent by a NRSRO; and

- d. If USD has funds invested in a pool, a copy of pool's information statement shall be maintained on file for due diligence. In addition, the General Manager/Treasurer should review the pool's summary holdings on a quarterly basis.
13. A mortgage passthrough security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-backed certificate, consumer receivable passthrough certificate, or consumer receivable-backed bond. Securities eligible for investment under this subdivision shall be rated in a rating category of "AA" or its equivalent or better by an NRSRO and have a maximum remaining maturity of five years or less. Purchases may not exceed twenty percent (20%) of invested funds.
 14. United States dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development, International Finance Corporation, or the Inter-American Development Bank, with a maximum remaining maturity of five years or less, and eligible for purchase and sale within the United States. Investments under this subdivision shall be rated "AA" or better by an NRSRO and shall not exceed thirty percent (30%) of the agency's total portfolio that may be invested pursuant to this section.

B. Prohibited Investment Vehicles and Practices

1. State law notwithstanding, any investments not specifically described herein are prohibited, including, but not limited to, mutual funds.
2. In accordance with Government Code Section 53601.6, investment in inverse floaters, range notes, or mortgage derived interest-only strips is prohibited.
3. In accordance with Government Code Section 53601.6, investment in any security that could result in a zero-interest accrual if held to maturity is prohibited, except as provided in the subsequent paragraph.

Notwithstanding the prohibitions stated in the above paragraph, effective January 1, 2021, USD may invest in securities issued by, or backed by, the United States government that could result in zero- or negative-interest accrual if held to maturity, in the event of, and for the duration of, a period of negative market interest rates. USD may hold these instruments until their maturity dates. Securities described in this paragraph shall remain in effect only until January 1, 2026, and as of that date is repealed.

4. Trading securities for the sole purpose of speculating on the future direction of interest rates is prohibited.
5. Purchasing or selling securities on margin is prohibited.
6. The use of reverse repurchase agreements, securities lending or any other form of borrowing or leverage is prohibited.

7. USD is not permitted to deposit funds into any state or federal credit union, if a member of the Board of Directors, or any person with investment decision making authority also serves on the Board of Directors, or any committee appointed by the Board of Directors, or the credit committee or supervisory committee, of the state or federal credit union.

C. Mitigating Credit Risk in the Portfolio

Credit risk is the risk that a security or a portfolio will lose some or all of its value due to a real or perceived change in the ability of the issuer to repay its debt. USD shall mitigate credit risk by adopting the following strategies:

1. The diversification requirements included in Section III (A) are designed to mitigate credit risk in the portfolio. With the exception of investments in United States Treasury Obligations, no single investment category shall constitute more than 70% of the District's overall portfolio without prior Board approval. Should United States Treasury Obligations ever exceed 70% of the District's portfolio, the District's General Manager, in consultation with the District's investment advisors, shall report to the Board at the next possible Board meeting advising the Board the reasons for the exceedance and seeking Board input and direction.
2. No more than five percent (5%) of the total portfolio may be invested in securities of any single issuer, other than LAIF, local government investment pools, all U.S. Government, its agencies and instrumentalities.
3. USD may elect to sell a security prior to its maturity and record a capital gain or loss in order to improve the quality, liquidity, return, or yield of the portfolio in response to market conditions or USD's risk preferences.
4. If securities owned by USD are downgraded by a NRSRO to a level below the quality required by this Investment Policy, it shall be USD's policy to review the credit situation and make a determination as to whether to sell or retain such securities in the portfolio.

If a decision is made to retain a downgraded security in the portfolio, its presence in the portfolio will be monitored and reported to USD's Board of Directors. USD will use discretion in determining whether to sell or hold the security based on its current maturity, the loss in value, the economic outlook for the issuer, and other relevant factors.

IV. INVESTMENT PERFORMANCE OBJECTIVES

To maximize the average rate of return consistent with the primary objectives of safety and liquidity. USD staff will establish a performance benchmark for its portfolio consistent with agency needs and will periodically review the benchmark for continued applicability.

V. INVESTMENT GUIDELINES

A. Liquidity

To the extent possible, investments shall be matched with anticipated cash flow requirements and known future liabilities to ensure adequate cash reserves to pay current expenses.

If USD uses an investment advisor, USD's General Manager/Treasurer, or designee, shall communicate periodically with the investment adviser in order to keep the adviser informed as to USD's specific short-term liquidity requirements.

B. Maximum Maturities

USD will not invest in securities maturing more than five (5) years from the date of settlement, unless the Board of Directors has by resolution granted authority to make such an investment at least three months prior to the date of investment.

Senate Bill 1489, approved in September 2022, also known as the Local Government Omnibus Act of 2022, made a number of changes that impact the investment of public funds and the reporting practices of public agencies. Changes made to Code section 53601 included language stating that an investment's term or remaining maturity shall be measured from the settlement date to final maturity

VI. REPORTING, DISCLOSURE AND PROGRAM EVALUATION

A. Monthly Reports

Monthly investment reports shall be submitted by USD finance staff to USD's Board of Directors and the General Manager. These reports shall disclose, at a minimum, the following information about the risk characteristics of USD's portfolio:

1. As asset listing showing par value, cost and market value of each security, type of investment, issuer name, credit quality, coupon rate and yield to maturity at cost;
2. A one or two-page summary report which shows:
 - a. Weighted average maturity of the portfolio;
 - b. Maturity distribution of the portfolio;
 - c. A list of portfolio transactions;
3. A statement of compliance with the investment policy, including a schedule of any transactions or holdings which do not comply with this policy or with the California Government Code, if any, including a justification for their presence in the portfolio and a timetable for resolution; and
4. A statement that USD has adequate funds to meet its cash flow requirements for the next six months.
5. A list of broker/dealers the District is currently using.

B. Annual Reports

1. The investment policy shall be reviewed at least two months before the published “next review date” reflected on the current investment policy and adopted before the current investment policy expires to ensure its consistency with the overall objectives of preservation of principal, liquidity and return, and its relevance to current law and financial and economic trends.
2. The investment program shall be included in the scope of USD’s annual audit.

C. Periodic Investment Program Review

USD shall retain the services of an expert investment manager/consultant to perform a thorough review of the investment program a minimum of once every four years.

Approved by:	Board of Directors
Author/owner:	Business Services Workgroup Manager/Chief Financial Officer
Reviewers:	Executive Team, Sr. Accounting and Financial Analyst
Notify Person:	Business Services Workgroup Manager/Chief Financial Officer, ad hoc Investment Committee
Revision frequency:	Annually
Next Review:	March 2025 (review typically begins 2 months prior to this date)

GLOSSARY OF INVESTMENT TERMS

Asset-backed security. A security supported by assets such as automobile loans or other consumer receivables which are placed with a trustee for the benefit of the owners of the security.

Banker's acceptance. A high quality, short term money market instrument used to finance international trade. There has never been an instance of a failure to pay a banker's acceptance in full at its maturity date.

Benchmark. A segment of the securities market with characteristics similar to the subject portfolio. It is used to compare portfolio performance to the performance of the appropriate segment of the market.

Callable Security. Callable securities are those which contain an option allowing the issuer to retire the security prior to its final maturity date. If the level of interest rates falls sufficiently, the issuer of the bond will exercise the option and call the bond away from the investor. The issuer can save money by issuing new bonds at lower rates. Types of callable bonds can range from "one-time" to "quarterly" to "continuous" calls.

California Asset Management Program (CAMP). A pooled investment vehicle and Joint Powers Authority for local agencies in California which manages the California Asset Management Trust.

Commercial paper. Short term, negotiable unsecured promissory notes of corporations.

Delivery vs. payment. A securities industry procedure in which payment for a security is not released until the security is delivered to the customer's bank custodial account.

Inverse floaters. A security with an interest rate which changes periodically in the opposite direction to the change in the general level of interest rates.

Investment Official. An individual who is authorized to make investment decisions and execute investments of funds on behalf of USD.

Leverage. An investment practice in which the investor borrows money in order to increase the amount invested.

Local Agency Investment Fund (LAIF). A pooled investment vehicle for local agencies in California sponsored by the State of California and administered by the State Treasurer.

Market cycle. A market cycle is defined as a period of time which includes a minimum of two consecutive quarters of falling interest rates followed by a minimum of two consecutive quarters of rising interest rates.

Money market mutual fund. A mutual fund which invests in short term money market instruments only, and which has as an investment objective.

Nationally Recognized Statistical Rating Organization (NRSRO). A credit rating agency which issues credit ratings that the US Securities and Exchange Commission (SEC) permits other financial firms to use for certain regulatory purposes. Commonly used NRSROs are Moody's Investor Service, Standard & Poor's, and Fitch Ratings.

Negotiable certificate of deposit. A large denomination certificate of deposit which can be sold in the open market prior to maturity.

Range notes. Fixed income securities which pay interest only under certain conditions which are defined in the bond's indenture.

Repurchase agreement. An investment transaction wherein an investor agrees to purchase securities at an agreed upon price, and simultaneously agrees to sell the securities back to the counterparty on an agreed upon future date at an agreed upon price.

Time certificate of deposit. A non-negotiable certificate of deposit which cannot be sold prior to maturity.

Total rate of return. Annual return on an investment including appreciation and dividends or interest. For bonds held to maturity, total return is yield to maturity.

Weighted Average Maturity. The weighted average of the remaining terms of the underlying securities, using the current balance of each security as the weighting factor.

Appendix A – Credit Ratings for Corporate Notes

Equivalent Credit Ratings				
Credit Risk	Moody's*	Standard & Poor's*	Fitch IBCA**	Duff & Phelps**
INVESTMENT GRADE				
Highest quality	Aaa	AAA	AAA	AAA
High quality (very strong)	Aa	AA	AA	AA
Upper medium grade (strong)	A	A	A	A
Medium grade	Baa	BBB	BBB	BBB
NOT INVESTMENT GRADE				
Lower medium grade (somewhat speculative)	Ba	BB	BB	BB
Low grade (speculative)	B	B	B	B
Poor quality (may default)	Caa	CCC	CCC	CCC
Most speculative	Ca	CC	CC	CC
No interest being paid or bankruptcy petition filed	C	C	C	C
In default	C	D	D	D

Source: The Bond Market Association

* The ratings from Aa to Ca by Moody's may be modified by the addition of a 1, 2 or 3 to show relative standing within the category.

**The ratings from AA to CC by Standard & Poor's, Fitch IBCA and Duff & Phelps may be modified by the addition of a plus or minus sign to show relative standing within the category.

Directors
Manny Fernandez
Pat Kite
Anjali Lathi
Jennifer Toy



Officers
Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 10, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #11**

TITLE: **Status of Priority 1 Capital Improvement Program Projects *(to be reviewed by the Engineering and Information Technology Committee)* (Information Item)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Raymond Chau, Technical Services Work Group Manager

Recommendation
Information only.

Discussion

In June 2023, the Board approved the Capital Improvement Program (CIP) budget for Fiscal Year 2024 (FY24) in the amount of \$84,554,100 for the planning, design, and construction of 34 CIP projects.

For FY24, 20 projects were ranked as Priority 1 projects, and the remaining 14 were ranked as Priority 2 or Priority 3 projects. The status of the Priority 1 CIP projects was reviewed by the Executive Team, and the status report is attached for the Board's review.

Several Priority 1 projects continued construction activities into the third quarter of FY24:

- Enhanced Treatment and Site Upgrade (ETSU) Phase 1A – Aeration Basins Modifications Project and Campus Project
- Standby Power Generation System Upgrade Project
- Force Main Corrosion Repairs Project – Phase 4

For the Standby Power Project, the conduit installations and wire terminations at the new Substation No. 2 were completed. Commissioning of Substation No. 2 began in the third quarter and continued into the fourth quarter. Site grading and asphalt pavement work at the new Standby Power Building was postponed to the fourth quarter due to wet weather.

Construction of the Force Main Corrosion Repairs Project started in October 2023 and is scheduled to be completed in October 2024. The contractor started the manhole access improvements and chemical grouting to control groundwater infiltration into the manholes and completed this work in April 2024. In the fourth quarter, the contractor is anticipated to complete dewatering of the east force main between Irvington Pump Station and Newark Pump Station and start the repairs of the corroded steel components and replacement of valves and fittings inside the manholes.

The consultant started the space needs and condition assessments of the Field Operations (Collection Services) Building in the third quarter and completed them in May 2024. It is estimated the consultant will develop project alternatives and complete evaluation of the alternatives by summer 2024.

Background

The CIP projects were ranked as Priority 1, 2, or 3 projects based on criteria prepared by staff and approved by the Executive Team. A copy of the criteria used to prioritize the projects is attached for the Board’s reference. The criteria have been updated to include the studies utilized in identifying projects and to reference example projects from the current CIP budget.

Also attached is a summary of the ongoing CIP projects in the District during FY24.

Previous Board Action

None.

Attachments

1. Priority 1 CIP Projects for FY24 - Status Report
2. Summary of CIP Projects for FY24
3. CIP Project Criteria

Priority 1 CIP Projects for FY24 – Status Report

	CIP Project	Planned Milestones	Status after 1st Quarter	Status after 2nd Quarter	Status after 3rd Quarter	Status after 4th Quarter
1	Field Operations Building Seismic Upgrade and Leak Repairs	Complete building space programming and systems evaluation by June 2024.	Consultant selection process is complete.	Predesign is in progress.	Building space programming and systems evaluation in progress.	
2	Central Avenue Sanitary Sewer Relocation	Complete the design by June 2024.	Cost sharing agreement is under review.	Cost sharing agreement is under review.	Cost sharing agreement is under review.	
3	Cherry St. PS	1. Delivery of the portable generator by February 2024. 2. Complete in-house improvements by June 2024.	In-house improvements to install a portable generator is in progress.	Portable generator was delivered. Installation is in progress.	Installation of portable generator is complete. Startup and testing in progress.	
4	Cogen Engine No. 2 60K Block Replacement	Complete block replacement by June 2024.	Procurement of engine block is ongoing.	Cogen Engine No. 2 block replacement is complete.	Completed.	
5	Digester No. 6 Insp. and Rehab.	Complete predesign evaluation report by March 2024.	Digester cleaning and condition assessment is complete.	Predesign is in progress.	Predesign is ongoing. Selection of mixing pump technology is in progress.	
6	Digester No. 7	Complete project closeout by December 2023.	Project closeout is ongoing. Board acceptance is estimated to take place in October 2023.	Project has been accepted by the Board and is complete.	Completed.	

Priority 1 CIP Projects for FY24 – Status Report

	CIP Project	Planned Milestones	Status after 1st Quarter	Status after 2nd Quarter	Status after 3rd Quarter	Status after 4th Quarter
7	ETSU – Phase 1A – Aeration Basin Modifications	Complete startup of the first two modified east aeration basins by June 2024.	Contractor completed placement of the new concrete top deck for two east aeration basins.	For two east basins contractor began coating of basin interior and began piping and electrical conduit installation.	For the first two east basins contractor is nearly complete with coating of basin interior and about 50% complete with piping and electrical installation.	
8	ETSU – Phase 1A – Aeration Basin No. 8	Complete concrete placement for Aeration Basin 8 by June 2024.	Contractor began concrete placement for the basin 8 base slab.	Contractor completed base slab placements and began wall placements.	Contractor began top deck concrete placement.	
9	ETSU – Phase 1A – Aeration Internal Lift Pumps	Start-up two new lift pumps by June 2024.	New manufacturer submittal received and under review	Manufacturer submittal approved for new pumps.	New pumps are estimated to be delivered in May 2024.	
10	ETSU – Phase 1A – Blower 7-10 Replacement	Start-up two new blowers by June 2024.	Detailed planning to begin demolition in the blower room underway.	Contractor began demolition of existing equipment to allow for the install of the first two new blowers.	Contractor has placed the first two blowers and made the piping connections. Further installation is pending delivery of electrical equipment.	
11	ETSU – Phase 1A – Plant 12kV Switchgear	Acquire PG&E approvals for new Switchgear and confirm delivery date by June 2024.	PG&E review of manufacturer submittal continued.	PG&E approved the manufacturer submittal for the new switchgear.	Delivery is currently estimated to be in April 2025.	

Priority 1 CIP Projects for FY24 – Status Report

	CIP Project	Planned Milestones	Status after 1st Quarter	Status after 2nd Quarter	Status after 3rd Quarter	Status after 4th Quarter
12	ETSU – Phase 1A – Campus Building	Begin building commissioning process by June 2024.	Building framing and utility installation is ongoing	Building framing and utility installation is ongoing	Contractor completed building framing and continues installing building utilities. Contractor began window frame placement while glass placement has been delayed by manufacturing delays.	
13	ETSU – Phase 1A – Site Drainage Improvements	Complete concrete placement for new storm drain pump station by June 2024.	Deep excavation for pump station is complete. Formwork for concrete placement had commenced.	Wall placement for new pump station completed.	Contractor backfilled the excavation and began constructing the top deck.	
14	ETSU – Phase 1B – Effluent Facilities	Complete design of project by June 2024.	Development of 95% design by consultant is ongoing.	95% Design submittal received and under review	95% Design submittal remained under review to evaluate cost increases and additional cost saving measures.	

Priority 1 CIP Projects for FY24 – Status Report

	CIP Project	Planned Milestones	Status after 1st Quarter	Status after 2nd Quarter	Status after 3rd Quarter	Status after 4th Quarter
15	ETSU – Phase 1B – Secondary Clarifiers	Complete design of project by June 2024.	Development of 95% design by consultant is ongoing.	95% Design submittal received and under review	95% Design submittal remained under review to evaluate cost increases and additional cost saving measures.	
16	Force Main Corrosion Repairs – Phase 3	Release retention and close project by November 2023.	Project closeout is ongoing. Retention release is estimated to take place in October 2023.	Project is complete.	Completed.	
17	Force Main Corrosion Repairs – Phase 4	1. Award construction contract by September 2023. 2. Complete site access improvements by April 2024.	Construction contract was awarded on September 25, 2023.	Contractor submittal reviews are in progress. Field work to take place in dry weather.	Site access improvements are in progress. Force main repairs to begin in May.	
18	Secondary Digester No. 1 Insp. and Rehab.	Project combined with Digester No. 6 Insp. and Rehab.	Digester cleaning and condition assessment is complete.	Predesign is in progress.	Predesign is ongoing. Selection of mixing pump technology is in progress.	

Priority 1 CIP Projects for FY24 – Status Report

	CIP Project	Planned Milestones	Status after 1st Quarter	Status after 2nd Quarter	Status after 3rd Quarter	Status after 4th Quarter
19	Standby Power Generation System Upgrade	<ol style="list-style-type: none"> 1. Complete the replacement of Substation No. 2 by April 2024. 2. Complete all available construction work by June 2024. Remaining work to resume following the commissioning of new 12 kV Switchgear. 	Installation of diesel tank, fuel piping, and mechanical systems at Standby Power Building is complete. Substation No. 2 enclosure and transformers is set and anchored.	Final grading work and site paving preparations around the Standby Power Building are in progress. Installation of electrical ductbanks at Substation No. 2 have been completed. Conduit installations and wire terminations are in progress.	Final grading work and site paving around the Standby Power Building are ongoing with completion pending dry weather. Conduit installations and wire terminations at Substation No. 2 have been completed. Commissioning of Substation No. 2 in progress.	
20	WAS Thickeners	Complete the design by June 2024.	Began drafting the consultant contract to complete the design.	Submitted a CWSRF loan application for financial assistance to the SWRCB. Confirmation of the scope to finalize the design is in progress.	Project on hold pending confirmation of scope.	

SUMMARY OF CIP PROJECTS FOR FY24

Project Type	Number of Projects	Project Name
Administrative Facilities	4	<ol style="list-style-type: none"> 1. Cathodic Protection Improvements 2. ETSU – Phase 1A – Campus Building 3. Field Operations Building Seismic Upgrade and Leak Repairs 4. Solar Panels/Inverters Replacement at Irvington
Collection System	3	<ol style="list-style-type: none"> 1. Central Avenue Sanitary Sewer Relocation 2. FY 23 Cast Iron/Piping Lining 3. Gravity Sewer Rehabilitation/Replacement
Transport System	7	<ol style="list-style-type: none"> 1. Cherry St. PS 2. Force Main Corrosion Repairs – Phase 3 3. Force Main Corrosion Repairs – Phase 4 4. Force Main Stabilization at Alameda Creek 5. Newark PS/Irvington PS Portable VFD 6. Newark and Irvington PS Chemical System Improvements 7. Stevenson Blvd. Lift Station
Treatment Plant	20	<ol style="list-style-type: none"> 1. Alvarado Influent PS Improvements 2. Alvarado Influent Valve Box Gate Valves 1-2 3. Cogen Engine No. 2 60K Block Replacement 4. Digester No. 6 Inspection and Rehabilitation 5. Digester No. 7 6. ETSU – Phase 1A – Aeration Basin Modifications 7. ETSU – Phase 1A – Aeration Basin No. 8 8. ETSU – Phase 1A – Aeration Internal Lift Pumps 9. ETSU – Phase 1A – Blower 7-10 Replacement 10. ETSU – Phase 1A – Plant 12kV Switchgear (SWGR-SE) 11. ETSU – Phase 1A – Site Drainage Improvements 12. ETSU – Phase 1B – Secondary Clarifiers 13. ETSU – Phase 1B – Effluent Facilities 14. ETSU – Phase 1B – Switchboard 4 Replacement 15. Miscellaneous Improvements 16. PLC Replacement

SUMMARY OF CIP PROJECTS FOR FY24

Project Type	Number of Projects	Project Name
		17. Secondary Digester No. 1 Inspection and Rehabilitation 18. Standby Power Generation System Upgrade 19. Switchboard 3 and MCC 25 Replacement 20. WAS Thickeners

Total: 34

CIP PROJECT CRITERIA

Priority 1 Projects

1. Project to repair or prevent an imminent critical infrastructure failure that could result in a threat to the public or result in permit non-compliance.
2. A project designed to address public health and safety or employee health and safety.
3. Project to provide additional capacity to allow connection to the District system or to prevent a potential wet weather overflow from occurring.
4. Projects that have a deadline tied to receiving a loan or grant funding.
5. Projects where we have made a timeline commitment to a customer or other outside stakeholder.
6. A project in which the District may suffer financial losses or claims should the project be delayed.
7. A project which is part of a sequence of projects whose delay could result in delays to other projects at USD or other agencies.
8. A project in which an internal commitment has been made to provide a facility that significantly impacts another group from efficiently and effectively carrying out their core work. (Not a “nice to have” type project).

These criteria can apply to a study, design, or construction project.

Priority 2 Projects

1. These are planned projects related to the replacement of electrical and mechanical equipment identified by the Plant Asset Condition Assessment Study and the Pump Station Asset Condition Assessment Study – this equipment is not in imminent danger of failure but needs to be replaced at a future date.
2. These are planned pipeline rehab/replacement projects that are identified either by the drainage basin capacity and condition assessment studies or by the Maintenance staff and need to be completed to improve the condition of existing sewers to safeguard against potential maintenance problems – these pipelines are not in imminent danger of failure.
3. These projects do not have any immediate negative impacts on either other agencies or other projects.
4. Examples: Cast Iron/Pipe Lining, Gravity Sewer Rehabilitation/Replacement, Irvington PS Pumps and VFDs Replacement, and Primary Clarifiers 5 and 6 Rehabilitation.

CIP Project Criteria

Priority 3 Projects

1. These are capacity projects identified by the master plans, capacity studies, and drainage basin capacity and condition assessment studies that will address future capacity needs of the District.
2. These projects are place holders and need to be defined at a future date.
3. The District will not suffer any financial loss or claim if these projects are delayed.
4. Examples: Force Main Rehabilitation, Standby Power Generator No. 4, Thickeners 3 and 4 Rehabilitation, and Waste Recycling and Alternative Energy.

Directors
Manny Fernandez
Pat Kite
Anjali Lathi
Jennifer Toy



Officers
Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**JUNE 10, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #12**

TITLE: **Third Quarterly Report on the Capital Improvement Program for FY24 (*to be reviewed by the Engineering and Information Technology Committee*) (*Information Item*)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Raymond Chau, Technical Services Work Group Manager

Recommendation
Information only.

Discussion

In June 2023, the Board approved the Capital Improvement Program (CIP) budget for Fiscal Year 2024 (FY24) in the amount of \$84,554,100 for the design and construction of 34 CIP projects. The expenditures through the third quarter of FY24 are shown in the attached budget graphs.

The total CIP expenditures through March 31, 2024, were above the cash flow estimates for the third quarter by approximately \$6.8 million, or 13 percent. The increases in spending for this quarter do not increase the overall budget for the various projects. The Enhanced Treatment and Site Upgrade (ETSU) Phase 1A Aeration Basin Modifications and Campus projects continued construction activities this quarter.

The Aeration Basin Modifications project continued to experience delays due to procurement challenges, unforeseen field conditions, and the pace of the contractor's work. The Plant 12 kV switchgear delays could affect the schedule of other projects, including the Standby Power project. To mitigate these schedule impacts, management continues to meet with the Aeration Basin Modifications project's contractor to discuss concepts such as re-sequencing construction activities to reduce the remaining schedule. Some procurement delays were experienced with the Campus project this quarter, and staff is meeting with the contractor to discuss the overall schedule. Staff continues to discuss scheduling issues with the Standby Power project's contractor associated with the 12 kV switchgear.

There were several projects that continued construction activities into the third quarter. The construction projects with larger variances through the third quarter are:

- ETSU Phase 1A Aeration Basin Modifications +\$9,898,680
- ETSU Phase 1A Campus Building -\$2,322,767

- Standby Power Generation System Upgrade -\$1,807,847
- Plant Miscellaneous Improvements +\$471,063

Background

The total CIP expenditures through March 31, 2024, were above the cash flow estimates by approximately \$6.8 million. The projects with larger variances in their cash flow estimates are listed in the table below.

Project	Approximate Variance through the Third Quarter (x \$1,000)	Comment
ETSU – Phase 1A <ul style="list-style-type: none"> • Aeration Basin Modifications • Aeration Basin No. 8 • Aeration Internal Lift Pumps • Blower 7-10 Replacement • Plant 12kV Switchgear 	+9,899	Contractor made substantial progress with the Aeration Basin 8 construction activities. Contractor also delivered more materials to the site than originally estimated.
ETSU – Phase 1A <ul style="list-style-type: none"> • Campus Building • Site Drainage Improvements 	-2,323	Construction progress was impacted due to a delay in the arrival of window glazing to the site.
ETSU – Phase 1B <ul style="list-style-type: none"> • Secondary Clarifiers • Effluent Facilities • Switchboard 4 Replacement 	+452	Design effort ramped up to compensate for earlier delays in the design process.
Standby Power Generation System Upgrade	-1,808	Contractor’s work is behind schedule due to 12 kV switchgear delay. Site grading and asphalt pavement work at the new Standby Power Building was postponed to the fourth quarter due to wet weather.
Plant Miscellaneous Improvements	+471	Contractor’s work is slightly ahead of schedule. Contractor completed concrete

		repairs at two chemical containment facilities.
FY23 Cast Iron/Pipe Lining	-219	Previous budget projections assumed that construction would take place in the second half of FY24. In February 2024, the Board rejected the sole bid received and authorized staff to re-bid the project. Staff re-advertised the project in late May 2024.
Other Projects	+302	
Total Variance through the Third Quarter	+6,774	

The “Other Projects” category include the following projects that were in planning, design, construction, or closeout phase during FY24:

1. Alvarado Influent Pump Station Improvements
2. Alvarado Influent Valve Box Gate Valves 1-2
3. Cathodic Protection Improvements
4. Central Avenue Sanitary Sewer Relocation
5. Cherry Street Pump Station
6. Cogen Engine Block No. 2 60K Block Replacement
7. Digester No. 6 Inspection & Rehabilitation
8. Digester No. 7
9. Field Operations Building Seismic Upgrade and Leak Repairs
10. Force Main Corrosion Repairs – Phase 3
11. Force Main Corrosion Repairs – Phase 4
12. Force Main Stabilization at Alameda Creek
13. Gravity Sewer Rehabilitation/Replacement
14. Irvington Pump Station Pumps and VFDs – Portable VFD
15. Newark and Irvington Pump Station Chemical System Improvements
16. PLC Replacement
17. Secondary Digester No. 1 Inspection & Rehabilitation
18. Solar Panels/Inverters Replacement at Irvington
19. Stevenson Boulevard Lift Station
20. Switchboard 3 and MCC Replacement
21. WAS Thickeners

The attached graphs depict actual expenditures versus approved budget and cash flow estimates for the Capacity Fund 90, the Renewal and Replacement Fund 80, and the two combined funds. The graphs show the expenditures of the ETSU projects, the CIP projects without the ETSU projects, and the combined projects from both programs.

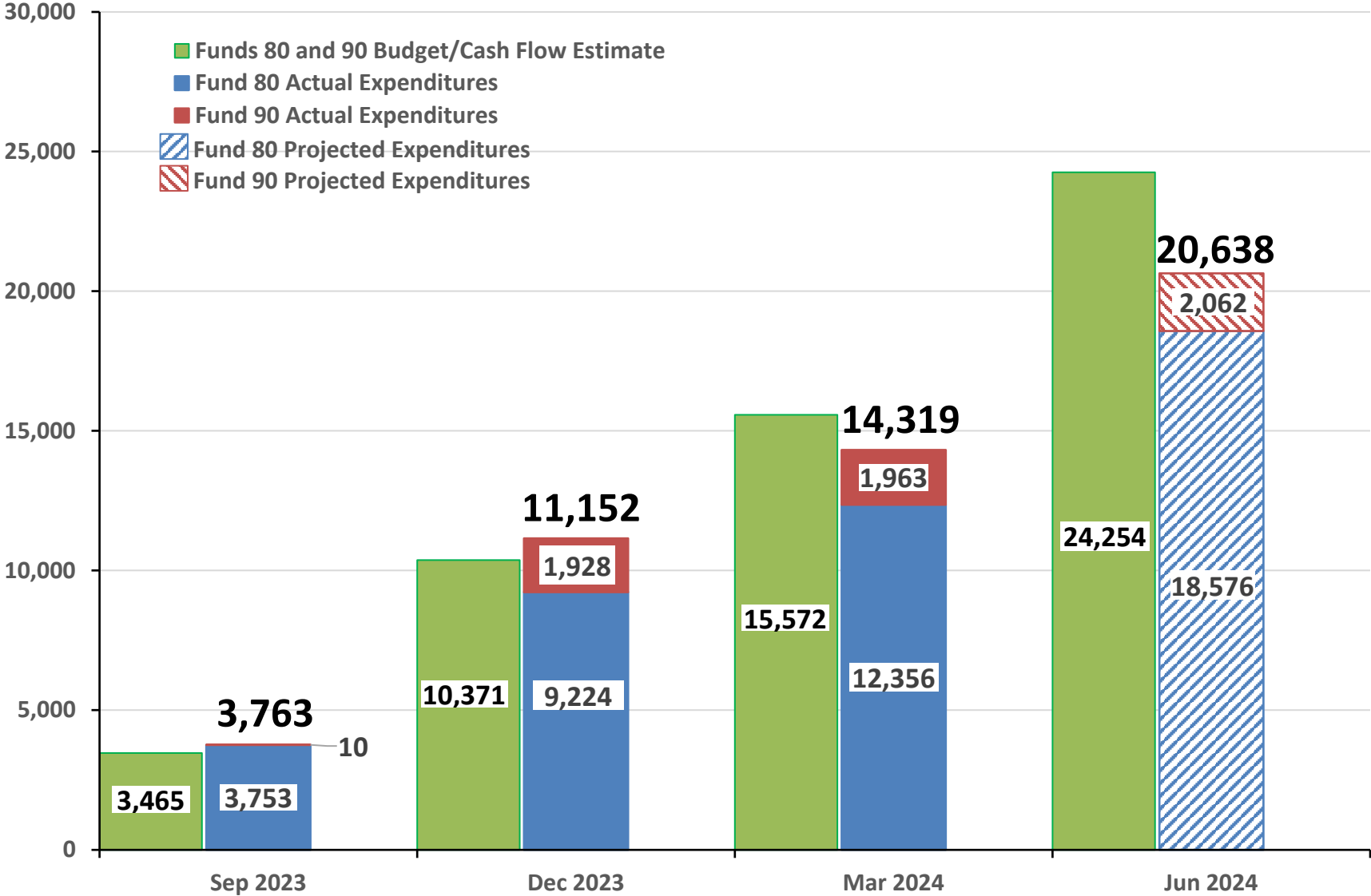
Previous Board Action

None.

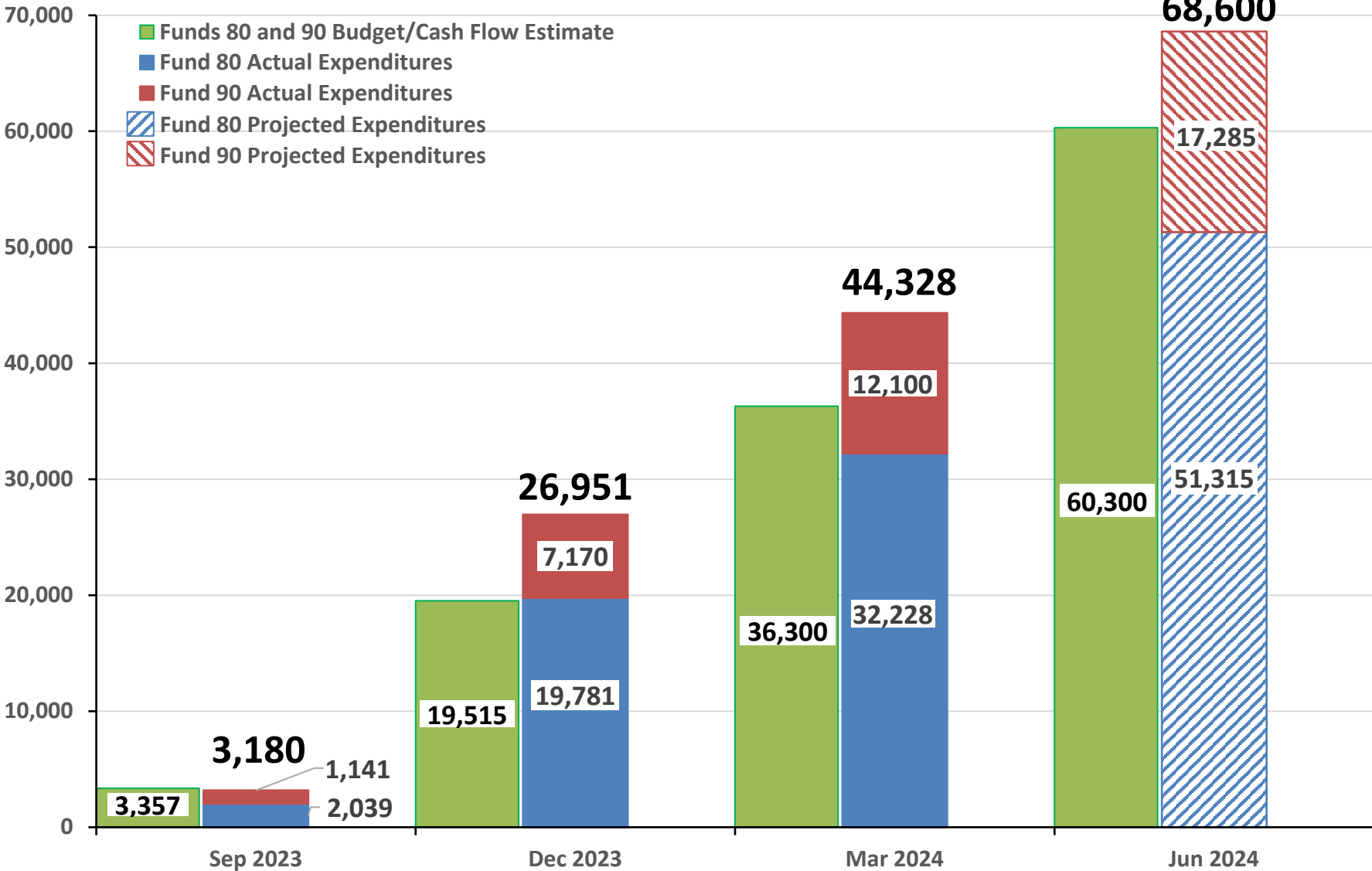
Attachments

1. Budget Graphs

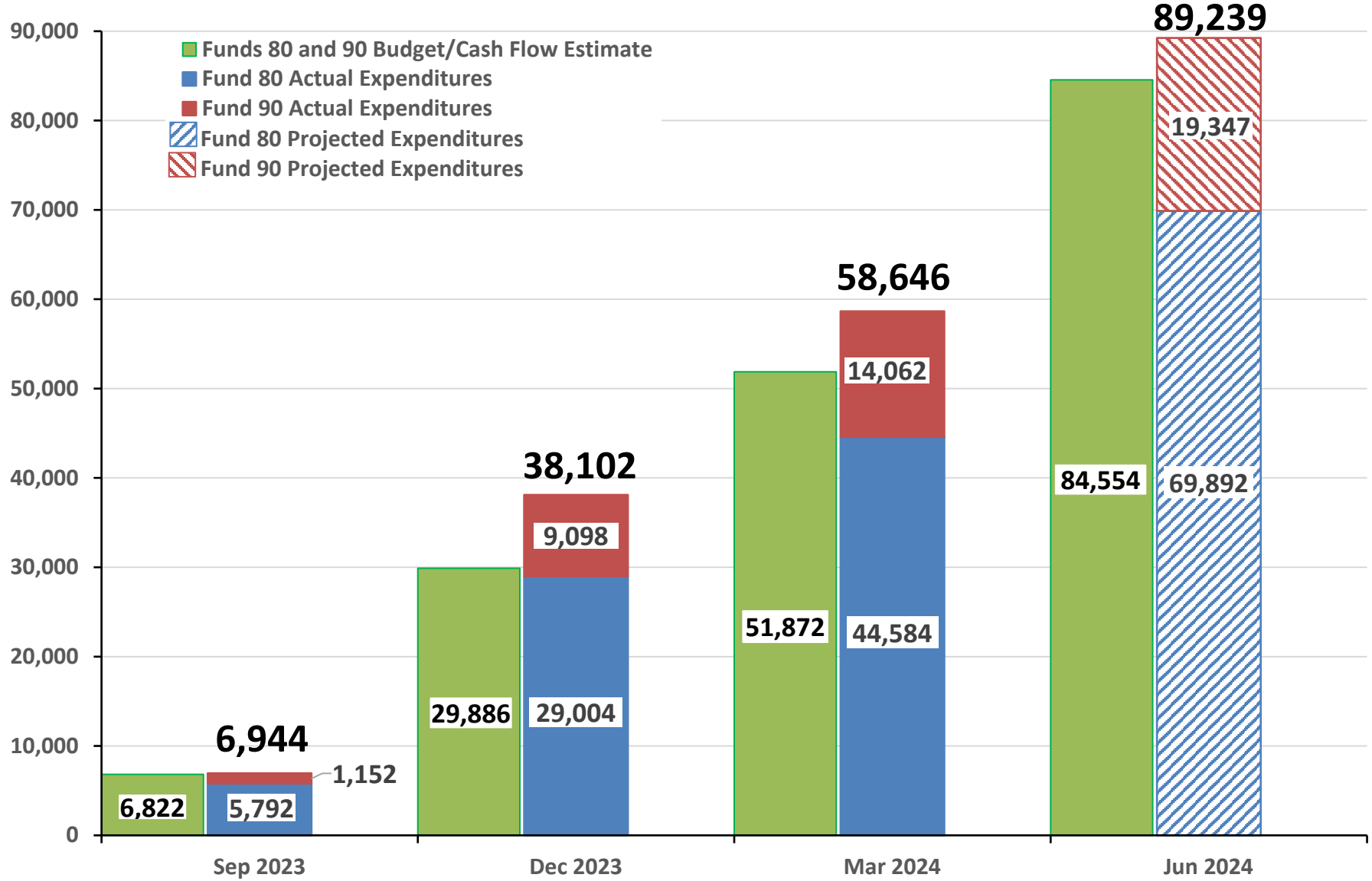
CIP Budget vs. Actual (Does Not Include ETSU) (x \$1,000)



ETSU Budget vs. Actual (x \$1,000)



CIP and ETSU Combined Budget vs. Actual (x \$1,000)



Directors
Manny Fernandez
Pat Kite
Anjali Lathi
Jennifer Toy



Officers
Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

JUNE 10, 2024
BOARD OF DIRECTORS MEETING
AGENDA ITEM #13

TITLE: **Third Quarterly Report on the Enhanced Treatment and Site Upgrade Program for FY24 (to be reviewed by the Engineering and Information Technology Committee) (Information Item)**

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Ric Pipkin, Enhanced Treatment and Site Upgrade Program Manager
Gus Carrillo, Enhanced Treatment and Site Upgrade Assistant Program Manager
ETSU Steering Committee (Armando Lopez, Raymond Chau, Robert Simonich)

Recommendation
Information only.

Discussion
Staff prepared the attached Enhanced Treatment and Site Upgrade (ETSU) Quarterly Program Management Report for the third quarter of fiscal year 2024. Part 1 of the report provides an executive summary of the ETSU Program status, and the Program Dashboard as currently shown on the District Website. These reports are coordinated to coincide with the CIP quarterly reports to the Board.

Background
Staff and its consultants developed the “Alvarado Wastewater Treatment Plant (WWTP) Enhanced Treatment and Site Upgrade (ETSU) Quarterly Program Management (PM) Report” to provide the Board and interested public an overview document for tracking the progress of the ETSU program. This report looks at five key performance indicators, which include:

- Schedule
- Progress
- Budget
- Cashflow
- Reportable accidents

The format for the Alvarado WWTP ETSU Quarterly PM Report was developed with input from both the ETSU Steering Committee and the ETSU Ad Hoc Board Committee. The report includes an informational dashboard which is posted on the District’s website. Staff began utilizing the report beginning with the first Quarter of FY 22. ETSU quarterly reports will be coordinated to coincide with

the CIP quarterly reports.

The ETSU Program is the culmination of the District’s planning efforts and is based on the outcomes and findings of the Plant Solids System/Capacity Assessment – Phases 1 and 2, Administration/Control/FMC Buildings Evaluation, the Effluent Management Study and the Secondary Treatment Process Improvements evaluation. The Program includes projects recommended for implementation that will be phased to address both immediate drivers (poor sludge settleability, treatment capacity, effluent disposal and aging infrastructure), while preparing for future requirements such as nutrient regulations for discharge in the Bay that are currently being considered by the Regional Water Quality Control Board.

The Phase 1 and 2 projects included in this program were presented to the Board during the workshop held on May 8, 2019 and are summarized in the Final Report which was approved by the Board on August 26, 2019. A third phase of projects was briefly outlined that covered the timeframe from 2040 to 2058 and included potentially stricter nutrient limits in the more distant future. The projects identified in the ETSU Program and modified by the 30% design report to be implemented in the near-term (the next seven to ten years) are included in Phase 1 and are summarized in the table below.

Phase 1A	Aeration Basin Modifications	Retrofitting existing Aeration Basins 1 through 7 and construction of an 8 th aeration basin with the flexibility to operate initially with an anaerobic selector during the implementation phase and transitioning to a biological nutrient removal (BNR) process following completion.
Phase 1A	Campus Building (Admin, FMC, Ops)	Construction of a new combined Campus Building, including associated site and utility improvements.
Phase 1B	Secondary Clarifiers	Construction of four new 160-foot diameter secondary clarifiers, mixed liquor control box, and centralized RAS pump station.
Phase 1B	Effluent Facilities	Construction of new chlorination/dechlorination contact basins, effluent pump stations, and relocation of existing effluent force main.
Phase 1C	Plant Equalization Storage	Retrofitting existing Secondary Clarifiers 1 through 4 to operate as primary effluent equalization basins.

The full version of the ETSU Program report, including appendices, can be found at the District's website.

Previous Board Action

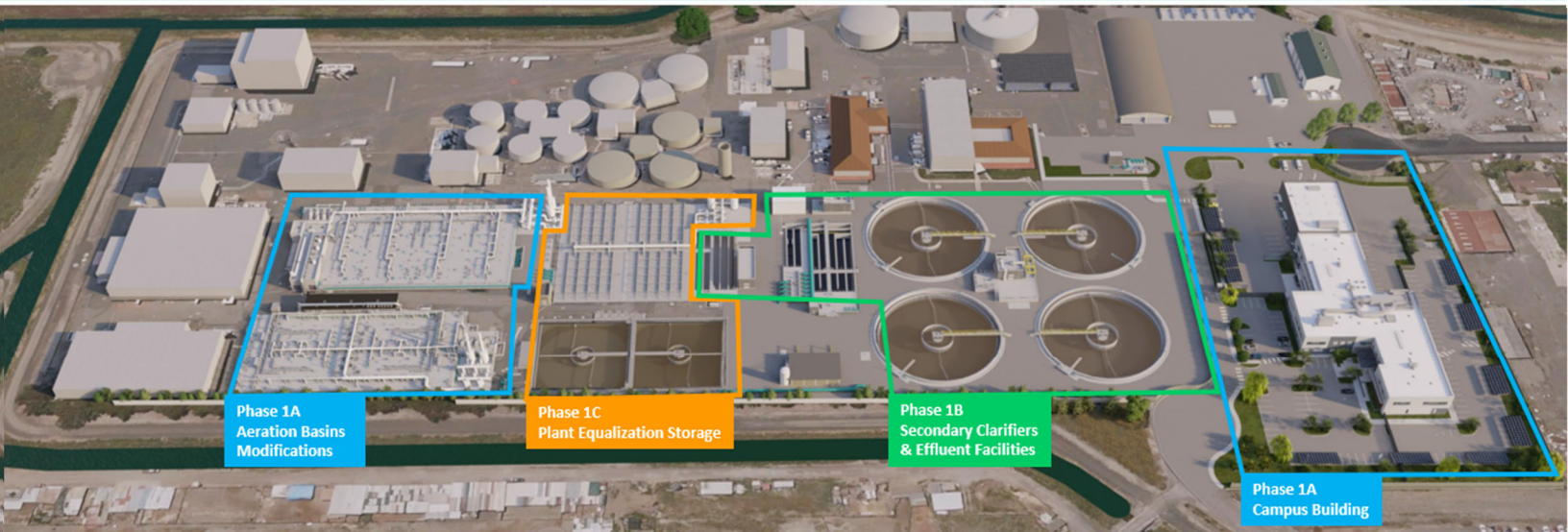
None

Attachments

1. FY24 Q3 - ETSU-Program Management Quarterly Report



Alvarado Wastewater Treatment Plant Enhanced Treatment and Site Upgrade Quarterly Program Management Report



Fiscal Year 2024 – Quarter No. 3

Report Contents

1. Executive Summary.....	4
1.1 Program Management Status Summary	4
1.1.1 Schedule	5
1.1.2 Progress	6
1.1.3 Budget.....	7
1.1.4 Funding	7
1.1.5 Reportable Accidents.....	8
1.2 Major Accomplishments During Reporting Period.....	9
1.3 Program Management Key Concerns	10
2. Detailed Program Management Information.....	11
2.1 Detailed Program Costs	11
2.2 Program Milestone Schedule	13
3. Program Key Performance Indicator Descriptions	14



Enhanced Treatment and Site Upgrade Program

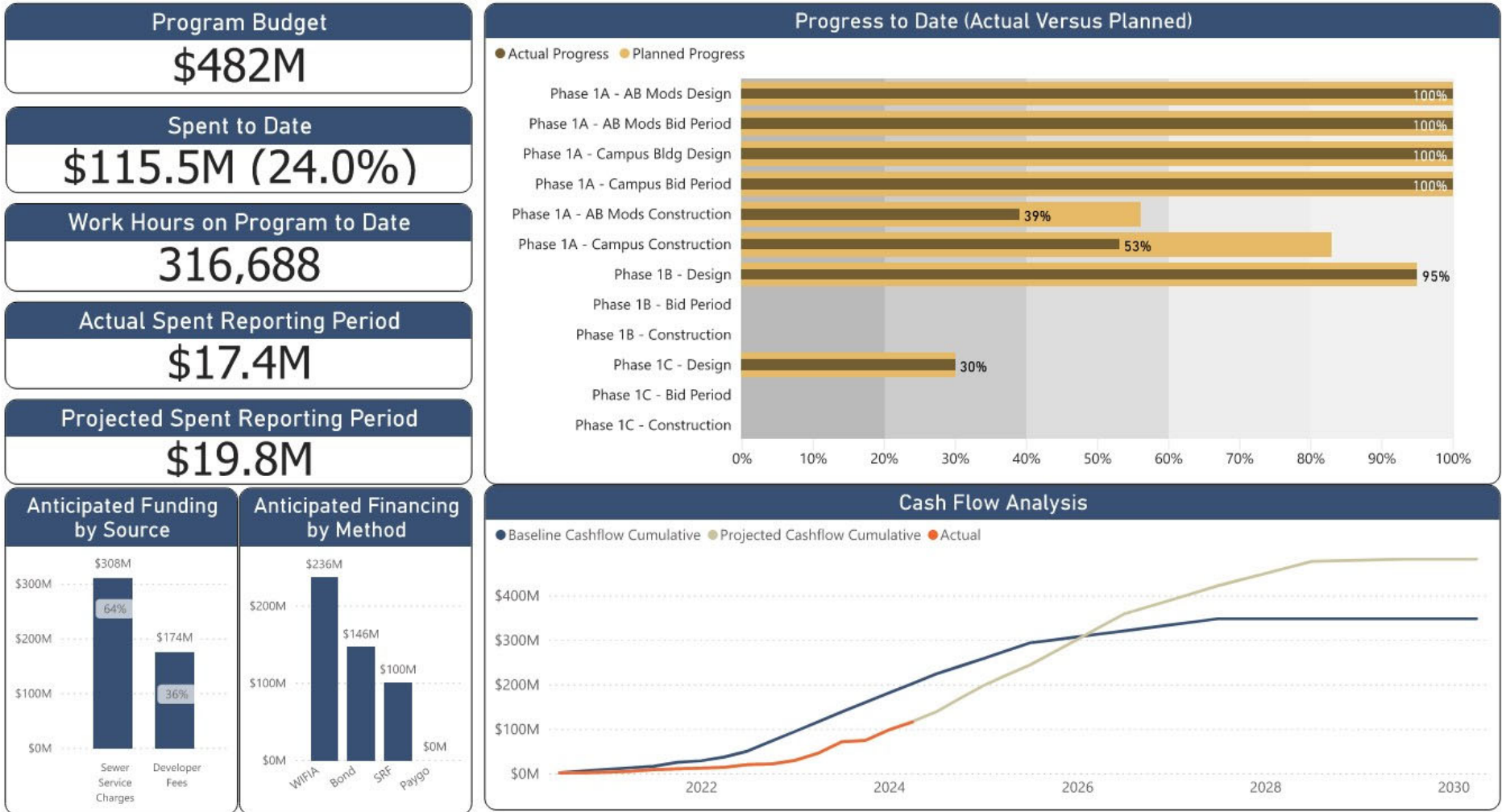







Figure 1-1: Program Dashboard

1.1 Program Management Status Summary

Table 1-1 provides a summary of the ETSU Program as of Fiscal Year 2024 – Quarter No. 3.

Table 1-1: Program Summary

Key Performance Indicator	Description	Current	Variance	Status	Comment
1. Schedule	Relationship between planned and actual schedule	Milestone on schedule	N/A		There are no approved changes to the planned construction schedule. See Part 1.3 Program Management Key Concerns for potential construction delays
2. Progress	Progress to Date	In progress	N/A		Aeration Basin Modifications and Campus Field construction activities continued.
3. Budget	Relationship between planned and actual budget	Within budget	None		Funds spent to date are within planned budget.
4. Cashflow	Actual funds spent versus projected for period	Matched Projected	None		Projected costs matched actual costs for the quarter.
5. Reportable Accidents	Number of OSHA reportable accidents for District staff associated with ETSU	0	N/A		There are no reportable accidents to date.

1.1.1 Schedule

A summary of the program schedule is presented in Table 1-2.

Table 1-2: Program Schedule Summary

Program Phase Milestone	Planned Milestone Start Date	Variance	Status	Actual Milestone Start Date
Phase 1A – Aeration Basin Modifications (AB Mods) Design	January 2020	None	■	January 2020
Phase 1A – Campus Building Design ¹	March 2020	2 months	■	May 2020
Phase 1A – AB Mods Bid Period	September 2021	None	■	September 2021
Phase 1A – Campus Building Bid ² Period	December 2021	3 months	■	March 2022
Phase 1A – AB Mods Construction	January 2022	None	■	January 2022
Phase 1A – Campus Building Construction	July 2022	None	■	June 2022
Phase 1B – Secondary Clarifiers and Effluent Facilities (SC and EF) Design	January 2021	None	■	January 2021
Phase 1B – SC and EF Bid Period	May 2024	None	■	TBD
Phase 1B – SC and EF Bid Construction	August 2024	None	■	TBD
Phase 1C – Primary Effluent Equalization (PE EQ) Design	August 2024	None	■	TBD
Phase 1C – PE EQ Bid Period	August 2027	None	■	TBD
Phase 1C – PE EQ Construction	November 2027	None	■	TBD

■ Milestone on schedule

■ Milestone within 2 months of schedule













■ Milestone >2 months behind schedule

1. The start of the Campus design was delayed due to the onset of the Covid 19 Pandemic
2. The Campus bid was behind schedule for a variety of reasons, specifically the amount of additional time required to finalize the interior layouts and fit and finish.

1.1.2 Progress

Table 1-3 summarizes the progress of the ETSU Program as of Fiscal Year 2024 – Quarter No. 3.

Table 1-3: Program Progress





Program Phase Milestone	Progress to Date	Status
Phase 1A – AB Mods Design	100%	
Phase 1A – Campus Building Design	100%	
Phase 1A – AB Mods Bid Period	100%	
Phase 1A – Campus Building Bid Period	100%	
Phase 1A – AB Mods Construction	39%	
Phase 1A – Campus Building Construction	53%	
Phase 1B – SC and EF Design	90%	
Phase 1B – SC and EF Bid Period	0%	
Phase 1B – SC and EF Bid Construction	0%	
Phase 1C – PE EQ Design	30%	
Phase 1C – PE EQ Bid Period	0%	
Phase 1C – PE EQ Construction	0%	




-  Complete
-  In Progress
-  Not Started

1.1.3 Budget

Table 1-4 summarizes the budgeted amounts and funds spent to date for the ETSU Program.

Table 1-4: Program Budget Summary

Program Phase	Funds Spent to Date	Program Budget	Funds Spent vs. Baseline Budget to Date	Budget Status
Phase 1A – Aeration Basin Modifications	\$59.21 M	\$144.4M	41.00 %	
Phase 1A – Campus Building	\$50.31 M	\$97.14M	51.79 %	
Phase 1B – SC and EF	\$5.96 M	\$200.7M	2.97 %	
Phase 1C – PE EQ	\$0	\$39.6M	0%	

-  *Estimated cost within planned budget*
-  *Estimated cost within 5% of planned budget*
-  *Estimated cost greater than 5% of planned budget*

1.1.4 Funding

Table 1-5 summarizes the anticipated funding sources and funds spent to date for the ETSU Program.

Table 1-5: Summary of Funding Sources

Funding Source	Funds Spent to Date from Sources	Anticipated Funding Amount (Percent of Total Funding)	Comments
District Funds	\$10.4 M	\$0 (0%)	District funds used to pay for design services prior to Sept. 2021.
Bonds	\$ 105.06 M	\$146M (30%)	Bond funding is assumed to be baseline funding source.
CWSRF	\$0	\$100M (21%)	CWSRF applications for Phases 1A, 1B, and 1C were resubmitted in Dec. 2022. Phase 1A and 1B are tentatively approved for CWSRF funding.
WIFIA	\$0	\$236M (49%)	WIFIA loan closed in Dec. 2021; low interest funding for 49% of program.


1.1.5 Reportable Accidents

Table 1-6 summarizes the OSHA reportable accidents for District staff associated with the ETSU program.

Table 1-6 Reportable Accidents

Reportable Accident	Program Phase	Incident Description	Date Reported	Cause	Resolution	Follow Up Status
Issue No. 1	N/A	N/A	N/A	N/A	N/A	N/A

 *Follow Up Complete*

 *Follow Up in Progress*

 *Follow Up Required*

1.2 Major Accomplishments During Reporting Period

Table 1-7 summarizes major program accomplishments during Fiscal Year 2024 – Quarter No. 3.

Table 1-7: Major Program Accomplishments

Activity	Status	Next Milestone
Phase 1A – Aeration Basin Modifications	The Contractor continued placement of above deck piping and equipment. The Contractor continued construction of walls and top deck for Aeration Basin 8. Modifications of the West Blower Building (East Side) is ongoing.	Construction final completion schedule for January 2026.
Phase 1A – Campus Building	The Contractor completed exterior waterproofing of the building walls. Interior framing and rough installation of building utilities is ongoing for select areas of the building. The Contractor continued installation of new storm drain pump station and other underground utilities.	Move-in anticipated late 2024 / early 2025
Phase 1B – Secondary Clarifier and Effluent Facilities	95% Design cost estimate was received and substantially over budget. Meetings held to develop cost cutting measures.	Design completion delayed to December 2024.

1.3 Program Management Key Concerns

Table 1-8 summarizes the status of key program elements that could impact the overall success of the ETSU Program.

Table 1-8: Program Key Concerns

Activity	Status	Comments
Modifications to ACWD Water Main	ACWD has reviewed and approved the new water main design. Staff is negotiating a change order with the contractor to begin the construction.	ACWD’s review and approval of new water main, meters, and easement must be completed prior to construction of the new lines during the Campus Building project.
Electrical Equipment Delays	<p>Switchgear SE is released for fabrication but is not anticipated to arrive on-site until early 2025. Staff has implemented a plan to mitigate impacts to other projects.</p> <p>Preliminary delivery dates for some Campus electrical equipment may also cause a delay in the Campus completion.</p>	<p>Preliminary delivery dates from suppliers are expected to cause delays to construction schedule.</p> <p>Extent of delay will be evaluated once delivery dates determined.</p>
Phase 1A AB Mods Construction Delays	Negotiations are ongoing for a partial recovery schedule and potential schedule extension to the construction contract.	The Contractor has notified the District that they anticipate completing the project 22 months late.

Detailed Program Management Information

1.4 Detailed Program Costs

The following tables show the detailed costs to date for contracts for each element of the ETSU Program.

Table 2-1: Phase 1A – Aeration Basin Modifications Cost Summary (through March 2024)

Consultant / Contractor	Phase	Actual Expenditures to Date	Total Contracted Cost	Contract Expended to Date (%)
Hazen and Sawyer	Design	\$ 7,575,894.21	\$ 7,601,955.00	99.65 %
Jacobs Engineering	Design	\$ 10,683.04	\$ 10,703.00	99.81 %
Psomas	Design/Construction	\$ 2,197,659.22	\$ 6,777,552.00	32.42 %
W. M. Lyles	Construction	\$ 47,015,196.70	\$121,040,201.00	38.84 %
Hazen and Sawyer	Construction	\$ 2,085,382.72	\$ 3,924,756.00	53.13 %
V&A	Construction	\$ 10,000.00	\$ 10,000.00	100.00%

Table 2-2: Phase 1A – Campus Building Cost Summary (through March 2024)

Consultant / Contractor	Phase	Actual Expenditures to Date	Total Contracted Cost	Contract Expended to Date (%)
Hazen and Sawyer (Burks Toma Architects)	Design	\$3,730,672.35	\$3,737,412.00	99.8 %
KBM Hogue	Design	\$ 89,301.00	\$ 89,301.00	100.00%
LookingPoint Inc.	Design	\$ 0.00	\$ 95,310.00	0.00 %
Psomas	Design/Construction	\$2,867,643.37	\$4,208,731.00	68.13 %
Zovich Construction	Construction	\$ 40,307,943.34	\$ 76,375,000.00	52.77 %
Hazen and Sawyer (Burks Toma Architects)	Construction	\$ 2,733,674.92	\$ 4,649,745.00	58.79 %

Table 2-3: Phase 1B – SC and EF Cost Summary (through March 2024)

Consultant / Contractor	Phase	Actual Expenditures to Date	Total Contracted Cost	Contract Expended to Date (%)
Hazen and Sawyer	Design	\$ 5,787,152.50	\$ 7,960,952.00	72.69 %
HDR, Inc.	Design	\$ 91,997.43	\$ 126,327.00	72.82 %
Woodard & Curran	Design	\$ 22,127.50	\$ 24,900.00	88.86 %
Psomas	Design/Construction	\$ 5,008.50	\$ 12,263,927.00	0.04 %

Table 2-4: Phase 1C – Plant Equalization Summary (through March 2024)

Consultant / Contractor	Phase	Actual Expenditures to Date	Total Contracted Cost	Contract Expended to Date (%)
Hazen and Sawyer	Design	\$ TBD	\$ TBD	0.0 %

Table 2-5: Miscellaneous Program Cost Summary (through March 2024)

Miscellaneous Program Costs	Actual Expenditures to Date	Comments
Phase 1A – AB Mods	\$ 302,243.00	Includes Permits, Time Lapse Equipment, and Contract Documents Printing Cost
Phase 1A – Campus Building & SDPS	\$ 578,271.06	Includes, Permits, Time Lapse Equipment, and Contract Documents Printing Cost
Phase 1B – Secondary Clarifiers	\$ 59,241.83	Includes Permits, Legal Fees, and Temporary Dechlorination System.

1.5 Program Milestone Schedule

Phase	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
1A - AB Mods Design	■									
1A - AB Mods Bid Period		■								
1A - AB Mods Construction			■							
1A - Campus Design	■									
1A - Campus Bid Period			■							
1A - Campus Construction			■							
1B - Design		■								
1B - Bid Period					■					
1B - Construction					■					
1C - Design					■					
1C - Bid Period								■		
1C - Construction									■	

2. Program Key Performance Indicator Descriptions

Five (5) KPIs were established to gauge the progress of the program. These KPIs represent various success factors associated with program management and delivery phases and are summarized in Figure 3-1 and Table 3-1.

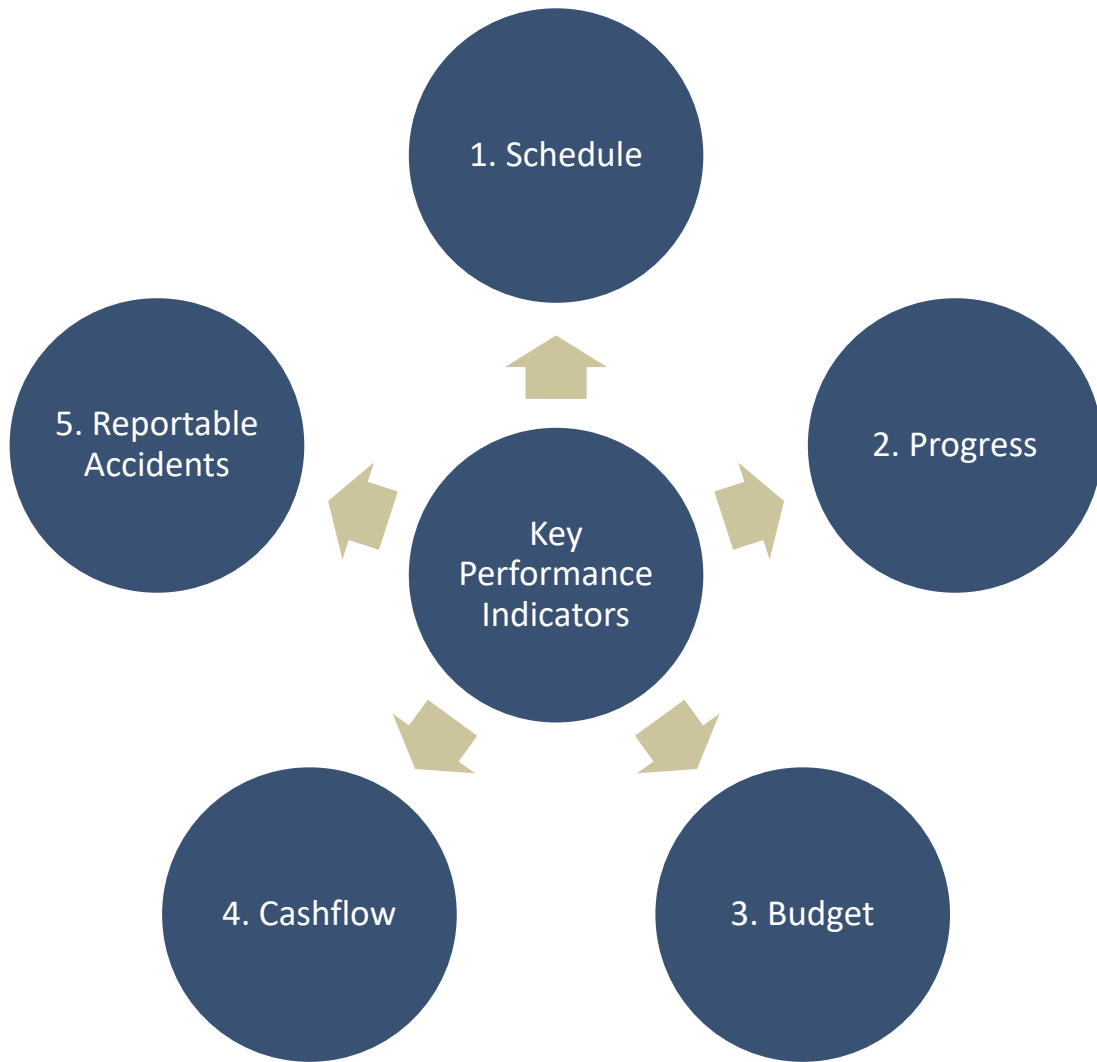





Figure 3-1: Key Performance Indicators of the ETSU Program

Table 3-1: Key Performance Indicator Metrics

Key Performance Indicator	Description	Overall Program Status		
				
1. Schedule	Relationship between planned and actual schedule	Milestone on schedule	Milestone within 2 months of schedule	Milestone >2 months behind schedule
2. Progress	Progress to Date	Complete	In Progress	Not Started
3. Budget	Relationship between planned and actual budget	Funds spent are within planned Budget	Funds spent are within 5% of planned Budget	Funds spent are >5% above planned Budget
4. Cashflow	Actual funds spent versus projected for period	Funds spent are within +/- 10% of projected spent	Funds spent are within +/- 20% of projected spent	Funds spent are more than +/- 20% of projected spent
5. Reportable Accidents	Number of OSHA reportable accidents for District staff associated with ETSU	0	1-2	>2

**UNION SANITARY DISTRICT
CHECK REGISTER
05/18/2024-05/31/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187604	5/30/2024	114	800545.18	ZOVICH CONSTRUCTION	CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$1,554,520.31	\$1,554,520.31
187563	5/30/2024	143	800452.24	CLARK CONSTRUCTION GROUP CA LP	STANDBY POWER SYSTEM UPGRADE	\$726,437.20	\$726,437.20
187489	5/23/2024	143	800575.1	CRATUS INC	FORCE MAIN CORROSION REPAIRS - PHASE 4	\$226,337.50	\$226,337.50
187550	5/30/2024		20220004	ALAMEDA COUNTY WATER DISTRICT	ACWD NO. 2022-0004/JOB 300084 & 300086 - ETSU PROGRAM	\$129,900.00	\$129,900.00
187592	5/30/2024	170	013720240510	PACIFIC GAS AND ELECTRIC	SERV TO 05/05/24 BOYCE RD PS	\$3,649.57	\$111,062.60
	5/30/2024	170	140120240510		SERV TO 05/02/24 IRVINGTON PS	\$5,117.30	
	5/30/2024	110	170120240522		SERV TO 03/20/2024 PLANT	\$102,295.73	
187593	5/30/2024	110	1831917	POLYDYNE INC	45280 LBS CLARIFLOC C-6267	\$90,265.68	\$90,265.68
187578	5/30/2024	110	131895	HASA INC	DEBIT FOR INV 952029	\$1,138.00	\$87,578.31
	5/30/2024	110	131896		CREDIT FOR INV 958822	\$-325.14	
	5/30/2024	110	952029		4802 GALS SODIUM HYPOCHLORITE	\$13,981.17	
	5/30/2024	110	952822		4802 GALS SODIUM HYPOCHLORITE	\$13,973.10	
	5/30/2024	110	957804		4793.2 GALS SODIUM HYPOCHLORITE	\$15,129.14	
	5/30/2024	110	958292		4634.6 GALS SODIUM HYPOCHLORITE	\$14,628.54	
	5/30/2024	110	958293		4593.7 GALS SODIUM HYPOCHLORITE	\$14,499.45	
	5/30/2024	110	959264		4611 GALS SODIUM HYPOCHLORITE	\$14,554.05	
187605	5/30/2024	114	800545.18E	ZOVICH CONSTRUCTION	CAMPUS BUILDINGS (ADMIN, FMC, OPS) - ESCROW	\$81,816.86	\$81,816.86

**UNION SANITARY DISTRICT
CHECK REGISTER
05/18/2024-05/31/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187603	5/30/2024	143	233849	WOODARD & CURRAN INC	ALVARADO BASIN CAPACITY & CONDITION	\$503.75	\$60,947.08
	5/30/2024	143	233850		FY24 - GRAVITY SEWER REHAB/REPLACEMENT	\$16,077.50	
	5/30/2024	143	233863		ALVARADO BASIN CAPACITY & CONDITION	\$44,365.83	
187567	5/30/2024	173	10743692445	DELL MARKETING LP C/O DELL USA	FY24 Q3 LAPTOPS	\$33,088.13	\$33,088.13
187499	5/23/2024	110	956383	HASA INC	4801.3 GALS SODIUM HYPOCHLORITE	\$15,154.71	\$30,236.19
	5/23/2024	110	956685		4778.1 GALS SODIUM HYPOCHLORITE	\$15,081.48	
187583	5/30/2024	110	9017835452	KEMIRA WATER SOLUTIONS INC	49,620 LBS FERROUS CHLORIDE	\$10,699.13	\$20,646.21
	5/30/2024	110	9017835946		46,560 LBS FERROUS CHLORIDE	\$9,947.08	
187501	5/23/2024	110	9017834344	KEMIRA WATER SOLUTIONS INC	46,760 LBS FERROUS CHLORIDE	\$10,018.03	\$20,575.27
	5/23/2024	110	9017834833		49,320 LBS FERROUS CHLORIDE	\$10,557.24	
187538	5/23/2024	110	470018506	USP TECHNOLOGIES	4146 GALS HYDROGEN PEROXIDE	\$19,569.12	\$19,569.12
187498	5/23/2024	173	24HN10020	HALCYON NETWORKS	FULL-TIME DESKTOP SUPPORT IT SERVICES	\$17,350.00	\$17,350.00
187482	5/23/2024	136	1590	BADAWI & ASSOCIATES	PROFESSIONAL AUDITING SERVICES	\$15,766.20	\$15,766.20
187490	5/23/2024	110	1427041	DEPARTMENT OF GENERAL SERVICES	SERV: MAR 2024 PLANT	\$14,898.63	\$14,898.63
187513	5/23/2024	170	20241600322	NORTHEAST-WESTERN ENERGY SYS	SHAFT SEAL REPLACEMENT PARTS	\$5,167.66	\$12,621.84
	5/23/2024	170	2024400153		COGEN 1 LOSS OF EXCITATION	\$7,454.18	
187503	5/23/2024	123	3102825	LMK TECHNOLOGIES LLC	ASTD TRAILER PARTS	\$12,247.18	\$12,247.18
187516	5/23/2024	110	1829204	POLYDYNE INC	41,960 LBS CLARIFLOC WE-539	\$11,617.68	\$11,617.68
187591	5/30/2024		20241600348	NORTHEAST-WESTERN ENERGY SYS	ASTD COGEN PARTS	\$9,782.52	\$9,782.52

**UNION SANITARY DISTRICT
CHECK REGISTER
05/18/2024-05/31/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187529	5/23/2024		137791094005	REXEL USA INC	PLC REPLACEMENT	\$9,642.59	\$9,642.59
187561	5/30/2024	143	68283	CDW GOVERNMENT LLC	R AND R SWITCHES CHLO, EBDA, HEAD	\$9,563.81	\$9,563.81
187494	5/23/2024	120	FCLUSDSSMP1	FISCHER COMPLIANCE LLC	SEWER SYSTEM MANAGEMENT PLAN AUDIT	\$9,430.00	\$9,430.00
187569	5/30/2024		100295	E3 SPARK PLUGS	INVENTORY AUTO REORDER - 4/16/2024	\$9,312.48	\$9,312.48
187485	5/23/2024		20240520	STATE OF CALIFORNIA	SALES & USE TAX 04/01/24 - 04/30/2024	\$9,173.83	\$9,173.83
187483	5/23/2024	143	319822	BURKE, WILLIAMS & SORENSON LLP	CIP - MAR 2024	\$1,131.52	\$9,018.88
	5/23/2024	150	319823		STANDBY POWER PROJECT - MAR 2024	\$931.84	
	5/23/2024	150	319824		STEVENSON BLVD LIFT STATION - MAR 2024	\$299.52	
	5/23/2024	150	319826		ETSU - MAR 2024	\$2,329.60	
	5/23/2024	150	319827		GENERAL LEGAL - MAR 2024	\$4,326.40	
187545	5/23/2024	143	233705	WOODARD & CURRAN INC	ALVARADO INFLUENT VALVE BOX REHABILITATION	\$8,645.00	\$8,645.00
187528	5/23/2024	170	137794040001	REXEL USA INC	1 RAS PUMP 3 VFD REPAIRS	\$8,639.00	\$8,639.00
187544	5/23/2024	143	2058162	WEST YOST ASSOCIATES	FORCE MAIN CORROSION REPAIRS PROJECT PHASE 4	\$7,742.62	\$7,742.62
187546	5/23/2024	143	5395	WORKSMART AUTOMATION INC	PLANT MISCELLANEOUS IMPROVEMENTS	\$7,580.52	\$7,580.52
187520	5/23/2024	172	20240506	REXEL USA INC	TRAINING- CONTROL LOGIX - RAMIREZ GUERRERO & RUIZ	\$7,500.00	\$7,500.00
187562	5/30/2024	173	294667	CIVICPLUS, LLC	CIVICCLERK ANNUAL FEE	\$6,306.30	\$6,306.30
187590	5/30/2024	123	22121	MUNICIPAL MAINT EQUIPMENT INC	2 HOSES	\$6,235.51	\$6,235.51
187572	5/30/2024		333386	CITY OF FREMONT	SACGISA	\$5,443.83	\$5,443.83
187526	5/23/2024		138305003003	REXEL USA INC	ALLEN BRADLEY VFD 20F11ND034JA0NNNNN	\$4,631.44	\$4,631.44

**UNION SANITARY DISTRICT
CHECK REGISTER
05/18/2024-05/31/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187527	5/23/2024	170	138305003002	REXEL USA INC	ALLEN BRADLEY VFD 20F11ND034JA0NNNNN	\$4,631.44	\$4,631.44
187525	5/23/2024		138919506001	REXEL USA INC	ASTD ELECTRICAL SUPPLIES	\$4,297.17	\$4,297.17
187571	5/30/2024	170	253622	FRANK A OLSEN COMPANY	DEZURIK VALVE STOCK	\$4,154.63	\$4,154.63
187585	5/30/2024	170	527657	LUBRICATION ENGINEERS INC	OIL	\$4,111.83	\$4,111.83
187534	5/23/2024	122	3007890408	TK ELEVATOR CORPORATION	GOLD - FULL MAINTENANCE MAY 2024-APRIL 2025	\$3,638.25	\$3,638.25
187549	5/30/2024	170	5507892807	AIRGAS NCN	CYLINDER RENTAL	\$1,162.58	\$3,622.22
	5/30/2024	170	9149183393		3 CY ARGON	\$1,343.28	
	5/30/2024		9149424476		PPE AND WELDING GAS	\$1,116.36	
187587	5/30/2024	113	2404D92A	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$169.00	\$3,350.50
	5/30/2024	113	2404D92B		LAB SAMPLE ANALYSIS	\$169.00	
	5/30/2024	113	2404H66A		LAB SAMPLE ANALYSIS	\$45.00	
	5/30/2024	113	2404L97		LAB SAMPLE ANALYSIS	\$469.50	
	5/30/2024	113	2404L98		LAB SAMPLE ANALYSIS	\$211.50	
	5/30/2024	113	2404L99		LAB SAMPLE ANALYSIS	\$1,054.00	
	5/30/2024	113	2404M88		LAB SAMPLE ANALYSIS	\$256.50	
	5/30/2024	113	2404M89		LAB SAMPLE ANALYSIS	\$185.00	
	5/30/2024	113	2405098		LAB SAMPLE ANALYSIS	\$791.00	
187497	5/23/2024	170	99364200	H & E EQUIPMENT SERVICES INC	EQUIPMENT RENTAL 04/17/2024 - 04/30/2024	\$3,347.66	\$3,347.66
187517	5/23/2024		20240522	JOHN POWELL	COMPUTER NOTE	\$3,300.00	\$3,300.00

**UNION SANITARY DISTRICT
CHECK REGISTER
05/18/2024-05/31/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187506	5/23/2024		27003971	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$1,183.32	\$3,000.61
	5/23/2024		27025083		ASTD PARTS & MATERIALS	\$682.50	
	5/23/2024	170	27027223		ASTD PARTS & MATERIALS	\$89.04	
	5/23/2024		27251982		ASTD PARTS & MATERIALS	\$1,045.75	
187560	5/30/2024	143	50446	CAROLLO ENGINEERS	PLANT MISCELLANEOUS IMPROVEMENTS	\$2,860.25	\$2,860.25
187556	5/30/2024	173	2024077	BIND, LDA	WEBPARTS ANNUAL SUBSCRIPTION	\$2,850.00	\$2,850.00
187564	5/30/2024	171	20241183	COMPACTOR MANAGEMENT COMPANY	TRASH COMPACTOR 1 MOTOR REPAIR	\$2,778.74	\$2,778.74
187542	5/23/2024	121	53448	WECO INDUSTRIES LLC	SMALL TRUCK/CAMERA REPAIRS & PARTS	\$939.15	\$2,635.37
	5/23/2024	121	53452		SMALL TRUCK/CAMERA REPAIRS & PARTS	\$1,187.64	
	5/23/2024	121	53472		SMALL TRUCK/CAMERA REPAIRS & PARTS	\$508.58	
187500	5/23/2024	141	JKPX253	IRON MOUNTAIN	OFF-SITE STORAGE AND SERVICE - MAY 24	\$763.00	\$2,555.51
	5/23/2024	141	JKZP630		OFF-SITE STORAGE AND SERVICE - MAY 24	\$1,792.51	
187576	5/30/2024		9092556639	GRAINGER INC	ASTD PARTS & MATERIALS	\$836.98	\$2,515.38
	5/30/2024		9094967917		ASTD PARTS & MATERIALS	\$1,308.98	
	5/30/2024		9095223658		ASTD PARTS & MATERIALS	\$24.44	
	5/30/2024	170	9097751565		ASTD PARTS & MATERIALS	\$344.98	
187476	5/23/2024		20240430	AFLAC GROUP	GROUP INSURANCE - APR 2024	\$2,512.28	\$2,512.28
187510	5/23/2024	170	963965338	MSA SAFETY SALES	1 CONTROLLER	\$2,442.54	\$2,442.54
187548	5/30/2024	170	2000884900	AECOM TECHNICAL SERVICES INC	HAZMAT CONSULTING SERVICES	\$2,345.00	\$2,345.00

**UNION SANITARY DISTRICT
CHECK REGISTER
05/18/2024-05/31/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187478	5/23/2024	122	18531	AMERICAN DISCOUNT SECURITY	04/01/24 -04/30/24 GUARD AT DISTRICT	\$2,234.10	\$2,234.10
187505	5/23/2024	113	2404A82A	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$250.00	\$2,058.50
	5/23/2024	113	2404D84A		LAB SAMPLE ANALYSIS	\$60.00	
	5/23/2024	113	2404H65		LAB SAMPLE ANALYSIS	\$1,136.50	
	5/23/2024	113	2404H66		LAB SAMPLE ANALYSIS	\$612.00	
187515	5/23/2024	170	096020240507	PACIFIC GAS AND ELECTRIC	SERV TO 04/30/24 CATHODIC PROJECT	\$44.06	\$1,965.36
	5/23/2024	170	380420240507		SERV TO 04/30/24 CHERRY ST PS	\$816.45	
	5/23/2024	170	666720240507		SERV TO 04/30/24 PASEO PADRE PS	\$651.27	
	5/23/2024	170	898220240507		SERV TO 04/30/24 FREMONT PS	\$453.58	
187481	5/23/2024		637841	AUTOMATION PRODUCTS GROUP	LEVEL TRANSMITTER	\$1,951.17	\$1,951.17
187496	5/23/2024	170	9085037407	GRAINGER INC	ASTD PARTS & MATERIALS	\$20.57	\$1,865.65
	5/23/2024	170	9086609857		ASTD PARTS & MATERIALS	\$170.07	
	5/23/2024		9086972222		ASTD PARTS & MATERIALS	\$1,178.93	
	5/23/2024	122	9088493474		ASTD PARTS & MATERIALS	\$77.48	
	5/23/2024	170	9089708912		ASTD PARTS & MATERIALS	\$171.20	
	5/23/2024	170	9089723440		ASTD PARTS & MATERIALS	\$85.03	
	5/23/2024	170	9089723457		ASTD PARTS & MATERIALS	\$55.21	
	5/23/2024	170	9090822926		ASTD PARTS & MATERIALS	\$107.16	
187582	5/30/2024	113	5602149715	KELLY SERVICES INC	TEMP LABOR-CAVIN, S WK ENDING 04/28/24	\$1,753.50	\$1,753.50

**UNION SANITARY DISTRICT
CHECK REGISTER
05/18/2024-05/31/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187573	5/30/2024	123	16626	GIERLICH-MITCHELL INC	REPLACEMENT PARTS FOR MANHOLE MONITORING DEVICES	\$1,677.20	\$1,677.20
187584	5/30/2024	170	413114	KLEEN BLAST ABRASIVES	BLASTING MATERIALS	\$276.01	\$1,669.15
	5/30/2024		413240		BLASTING MATERIALS	\$696.57	
	5/30/2024		413322		BLASTING MATERIALS	\$696.57	
187508	5/23/2024	171	2562020	MOBILE MODULAR MANAGEMENT CORP	FMC TRAILER RENTAL - MAY 2024	\$1,635.19	\$1,635.19
187512	5/23/2024		20240430	NAPA AUTO PARTS	MONTHLY AUTO PARTS STMT - APR 2024	\$1,634.35	\$1,634.35
187532	5/23/2024	170	446290760	TERMINIX COMMERCIAL	PEST CONTROL	\$182.00	\$1,506.00
	5/23/2024	170	446292712		PEST CONTROL	\$148.00	
	5/23/2024	170	446292713		PEST CONTROL	\$1,176.00	
187540	5/23/2024		5180331682	VESTIS SERVICES, LLC	UNIFORM LAUNDERING SERVICE	\$721.30	\$1,482.41
	5/23/2024	122	5180331683		ASTD DUST MOPS, WET MOPS & TERRY	\$115.96	
	5/23/2024		5180334066		UNIFORM LAUNDERING SERVICE	\$645.15	
187488	5/23/2024	170	20240501	COMMUNICATION & CONTROL INC	UTILITY FEE/ANTENNA RENTAL	\$1,275.40	\$1,275.40
187479	5/23/2024		47271	APPLIED AIR FILTERS INC	150 FILTERS	\$1,243.27	\$1,243.27
187493	5/23/2024	173	2024505	FARALLON GEOGRAPHICS INC	ARCHES SSC SOFTWARE SUPPORT	\$1,102.50	\$1,102.50
187535	5/23/2024	122	159850	TRI-SIGNAL INTEGRATION INC	FIRE PROTECTION SERVICE - QUARTERLY SPRINKLER SYSTEM INSP	\$312.50	\$1,062.50
	5/23/2024	122	159851		FIRE PROTECTION SERVICE - SEMI ANNUAL WATERFLOW & TAMPER T	\$750.00	
187480	5/23/2024		21676482	AT&T	SERV: 04/10/24 - 05/09/24	\$1,060.57	\$1,060.57

**UNION SANITARY DISTRICT
CHECK REGISTER
05/18/2024-05/31/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187588	5/30/2024	170	26865641	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$144.97	\$1,043.10
	5/30/2024	170	27471068		ASTD PARTS & MATERIALS	\$320.43	
	5/30/2024		27478035		ASTD PARTS & MATERIALS	\$450.33	
	5/30/2024	170	27534373		ASTD PARTS & MATERIALS	\$127.37	
187519	5/23/2024	170	107499	PRIME MECHANICAL SERVICE INC	MONTHLY MAINTENANCE BLDGS 81, 90, 54 - APR 24	\$992.00	\$992.00
187486	5/23/2024	173	20491	CDW GOVERNMENT LLC	JAN/FEB 2024 AZURE USAGE	\$895.00	\$895.00
187594	5/30/2024	111	8201161012	RED WING BUS ADVANTAGE ACCT	SAFETY SHOES: M. FARSAI	\$225.00	\$890.54
	5/30/2024	111	8201161280		SAFETY SHOES: M. FORTNER	\$225.00	
	5/30/2024	111	8201161291		SAFETY SHOES: T. LULLO	\$225.00	
	5/30/2024	171	8201161945		SAFETY SHOES: L. RIVERA	\$215.54	
187484	5/23/2024	143	91435962	CALIFORNIA SURVEYING DRAFTING	GPS SURVEY EQUIPMENT RENTAL	\$870.48	\$870.48
187596	5/30/2024	170	443747	ROCHESTER MIDLAND CORPORATION	HOT WATER LOOP SERVICE	\$825.28	\$825.28
187507	5/23/2024	170	240548	METROMOBILE COMMUNICATIONS INC	RADIO SERVICE - MAY 2024	\$772.91	\$772.91
187552	5/30/2024	170	53618	ALLIED FLUID PRODUCTS CORP	10 - 24" MANWAY GASKETS	\$739.17	\$739.17
187579	5/30/2024	122	605476039	HILLYARD/SAN FRANCISCO	ASTD JANITORIAL SUPPLIES	\$251.23	\$737.16
	5/30/2024		605476040		ASTD JANITORIAL SUPPLIES	\$485.93	
187601	5/30/2024		5180336518	VESTIS SERVICES, LLC	UNIFORM LAUNDERING SERVICE	\$597.19	\$713.15
	5/30/2024		5180336519		ASTD DUST MOPS, WET MOPS & TERRY	\$115.96	

**UNION SANITARY DISTRICT
CHECK REGISTER
05/18/2024-05/31/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187597	5/30/2024		2196036004	SAN LEANDRO ELECTRIC SUPPLY	ASTD ELECTRICAL SUPPLIES	\$231.66	\$667.91
	5/30/2024		2200373001		ASTD ELECTRICAL SUPPLIES	\$436.25	
187541	5/23/2024	113	8815941970	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$84.95	\$655.22
	5/23/2024		8815983378		LAB SUPPLIES	\$570.27	
187511	5/23/2024		106915	MUNIQUEIP, LLC	PUMP PARTS	\$612.41	\$612.41
187575	5/30/2024	122	1841100829	GOODYEAR COMM TIRE & SERV CTRS	4 TIRES	\$556.32	\$556.32
187602	5/30/2024		8815990909	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$544.30	\$544.30
187504	5/23/2024		5884704	MALLORY SAFETY AND SUPPLY LLC	60 PR GLOVES	\$258.24	\$539.69
	5/23/2024		5899336		CALIBRATION GAS	\$281.45	
187565	5/30/2024	132	82975710	CONCENTRA MEDICAL CENTERS	2 HEARING TESTS & 1 NEW HIRE PHYSICAL	\$433.00	\$510.00
	5/30/2024	132	83123506		1 NEW HIRE PHYSICAL	\$77.00	
187531	5/23/2024		44122	JIAHUI TAN	REFUND # 62110	\$500.00	\$500.00
187553	5/30/2024		49650	ALWAYS RESCUE PLUMBING INC	REFUND # 62118	\$500.00	\$500.00
187555	5/30/2024		49718	AQUA STAT PLUMBING INC	REFUND # 62122	\$500.00	\$500.00
187589	5/30/2024		50757	MONARCH PLUMBING & ROOTER INC	REFUND # 62124	\$500.00	\$500.00
187533	5/23/2024	170	920203443	TFORCE FREIGHT	FREIGHT - ROCKWELL AUTOMATION	\$464.46	\$464.46
187521	5/23/2024	170	139329683001	REXEL USA INC	ASTD ELECTRICAL SUPPLIES	\$460.68	\$460.68
187586	5/30/2024		5894691	MALLORY SAFETY AND SUPPLY LLC	30 BX GLOVES	\$423.03	\$423.03

**UNION SANITARY DISTRICT
CHECK REGISTER
05/18/2024-05/31/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187577	5/30/2024		3T9715	HARRINGTON INDUSTRIAL PLASTICS	ASTD PARTS & MATERIALS	\$83.42	\$412.79
	5/30/2024		3T9788		ASTD PARTS & MATERIALS	\$329.37	
187487	5/23/2024	150	35069	CITYLEAF INC	PLANT MAINTENANCE - MAY 2024	\$361.62	\$361.62
187518	5/23/2024		195135	PREFERRED ALLIANCE INC	APR 2024 SERVICE FEE	\$352.98	\$352.98
187581	5/30/2024	170	1926101007225	INTERSTATE ALL BATTERY CENTER	1 BATTERY	\$338.89	\$338.89
187566	5/30/2024	173	30716768	CORELOGIC INFORMATION SOLUTION	REALQUEST SWM RENEWAL	\$318.27	\$318.27
187495	5/23/2024	120	28227	FREMONT RECYCLING & TRANSFER	1.58 TON GREEN WASTE	\$305.00	\$305.00
187523	5/23/2024	170	139207125001	REXEL USA INC	ASTD ELECTRICAL SUPPLIES	\$275.50	\$275.50
187554	5/30/2024	144	117LNF4GW4RL	AMAZON.COM LLC	ASTD OFFICE SUPPLIES	\$111.69	\$265.25
	5/30/2024	113	163RQQLJFD9X		ASTD OFFICE SUPPLIES	\$44.49	
	5/30/2024	122	1KF16P7HGGY4		ASTD OFFICE SUPPLIES	\$57.54	
	5/30/2024	130	1RY36TPLWTNH		ASTD OFFICE SUPPLIES	\$51.53	
187551	5/30/2024	170	5307977	ALL INDUSTRIAL ELECTRIC SUPPLY	ASTD PARTS & MATERIALS	\$231.47	\$231.47
187524	5/23/2024	170	137797446001	REXEL USA INC	ASTD ELECTRICAL SUPPLIES	\$205.37	\$205.37
187570	5/30/2024	150	20240523	PAUL ELDREDGE	EXP REIMB: 3 LUNCHES W/STAFF & CONSULTANTS	\$201.83	\$201.83
187514	5/23/2024	132	524344	OCCU-MED LTD	2 EMPLOYMENT MEDICAL EVALUATIONS	\$200.00	\$200.00
187568	5/30/2024	120	240504281101	DIRECT LINE TELERESPONSE	MONTHLY SERVICE MAY 2024	\$185.00	\$185.00
187537	5/23/2024	136	98XW53174	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 04/27/24	\$168.80	\$168.80
187530	5/23/2024	141	20240430	SPOK INC	MAY 2024 PAGER SERVICE	\$166.58	\$166.58

**UNION SANITARY DISTRICT
CHECK REGISTER
05/18/2024-05/31/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
187509	5/23/2024	170	2401058498	MOTION INDUSTRIES INC	ASTD PARTS & MATERIALS	\$158.62	\$158.62
187547	5/23/2024	150	5682	ZELAYA DESIGNS	GRAPHIC DESIGN SVCS FOR PUBLIC OUTREACH	\$158.00	\$158.00
187543	5/23/2024		49465	WELLS CONSTRUCTION INC	REFUND # 62116	\$150.00	\$150.00
187595	5/30/2024		127903	REMOTE SATELLITE SYSTEMS INT'L	IRIDIUM SVC FEE JUN 2024	\$148.00	\$148.00
187598	5/30/2024	132	55059	SLOAN SAKAI YEUNG & WONG LLP	SPECIAL COUNSEL SERVICES	\$132.00	\$132.00
187539	5/23/2024		9962965031	VERIZON WIRELESS	WIRELESS SERV 04/02/24-05/01/24	\$103.72	\$103.72
187522	5/23/2024	170	139299020001	REXEL USA INC	ASTD ELECTRICAL SUPPLIES	\$101.57	\$101.57
187558	5/30/2024	120	20240523	CODY BYBEE	EXP REIMB: DMV PREP APP	\$99.00	\$99.00
187491	5/23/2024	144	20240520	MICHAEL DUNNING	EXP REIMB: SYMPATHY FLOWERS FOR EC EMPLOYEE	\$80.00	\$80.00
187559	5/30/2024	132	734090	STATE OF CALIFORNIA	2 NEW HIRE FINGERPRINT	\$64.00	\$64.00
187557	5/30/2024	120	18837910	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$58.97	\$58.97
187477	5/23/2024	114	1R6T4PGTKRVF	AMAZON.COM LLC	ASTD OFFICE SUPPLIES	\$58.45	\$58.45
187536	5/23/2024	141	444232	ULTRAEX LLC	COURIER SVCS: 1 BOARDMEMBER DELIVERY - 04/17/24	\$56.30	\$56.30
187600	5/30/2024	136	98XW53184	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 05/04/24	\$51.93	\$51.93
187492	5/23/2024	144	20240517	ALICIA DUTROW	EXP REIMB: SCHOOL OUTREACH RAFFLE PRIZE	\$50.00	\$50.00
187599	5/30/2024	132	20240529	DIEGO TORRES	EXP REIMB: LIVESCAN FEE PRE-EMPLOYMENT	\$37.00	\$37.00
187580	5/30/2024	143	20240529	REBECCA INGALLS	EXP REIMB: CAKE FOR CIP MAY BIRTHDAYS	\$29.99	\$29.99
187574	5/30/2024	132	20240528	ELISA GONZALEZ	REIMB LIVESCAN PRE-EMPLOYMENT	\$25.00	\$25.00
187502	5/23/2024	132	20240522	KATHLEEN KING	EXP REIMB: DONUTS FOR FINALIST INTERVIEWS	\$22.49	\$22.49

**UNION SANITARY DISTRICT
CHECK REGISTER
05/18/2024-05/31/2024**

Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am	
Invoices:					Checks:			
Credit Memos :			1	-325.14				
\$0 - \$1,000 :			117	37,825.62	\$0 - \$1,000 :	57	20,444.10	
\$1,000 - \$10,000 :			59	233,413.65	\$1,000 - \$10,000 :	53	217,817.63	
\$10,000 - \$100,000 :			22	505,338.85	\$10,000 - \$100,000 :	15	529,224.38	
Over \$100,000 :			5	2,739,490.74	Over \$100,000 :	5	2,748,257.61	
Total:			204	3,515,743.72	Total:	130	3,515,743.72	

Ross Valley Sanitary District to increase rates over next 5 years

By **GIUSEPPE RICAPITO** | gricapito@marinij.com

June 2, 2024, at 12:41 p.m.

The Ross Valley Sanitary District will increase service rates over the next five years.

The district's board unanimously voted to raise the rates at a meeting on May 22. The percentage increase is averaged at 4% over the first three years, 3.8% for the fourth year and 3.5% for the fifth year.

In the upcoming year, the total cost for service at a single-family home in the Ross Valley is estimated at \$1,238. At the end of five years, the cost will be \$1,440. In the Larkspur area, the cost to homeowners is expected to be \$1,773 in the upcoming year. It will be \$2,061 after five years.

The last five-year rate schedule was adopted in June 2019. The new rates will go into effect on July 1.

Assistant General Manager Felicia Newhouse said the increases are based on a pay-as-you-go model for funding capital projects and general maintenance.

"I think it's important to note that governmental services are cost-per-service based. We are not here to make a profit, we are here to make sure our service fees are commensurate with the cost of doing business," she said.

Mark Hildebrand, a district consultant, said the district expects year-to-year cost increases of between 4% and 6% in salaries, insurance, utilities and Central Marin sanitary treatment.

"The increase is really neck and neck with a couple other districts," Hildebrand said. "By and large, you can see the rates are comparable to the region."

Hildebrand said the district brings in about \$36.8 million in revenues, with just under \$30 million of that from sewer service charges. Operating expenses are at about \$27 million. The district also maintains reserve funds.

As of the current budget year, there is \$10.6 million in the operations and maintenance fund; \$2.1 million in the emergency reserve fund; and \$5.5 million in the capital improvement reserve funds.

On average over the last five years, the district has spent \$18.5 million per year on capital projects. The district projects an average of \$12.9 million spent per year over the next 10 years.

Eight written protests were submitted against the rate increase, according to Andrea Clark, general counsel. A vote is allowed if the protest count is less than 50% of the total parcels in the district, which is about 1,500 parcels.

“A formal protest to the sewer service charges has not been made by the majority of parcels within the district,” Clark said.

Renu Malhotra of Fairfax said in a letter that there should be special consideration for homes with less water use.

“The increases are too steep” Malhotra said. “The total water consumption for the property is well below an average home and will translate into less wastewater going into sewage.”

Newhouse said most comments were from fixed-income ratepayers. She said the district plans to reach out to the protesters and offer information on a low-income rate assistance program, which offers 25% off the annual fee.

“That’s really the pinch point for our older residents,” she said.