



**UNION SANITARY DISTRICT BOARD MEETING/
UNION SANITARY DISTRICT FINANCING AUTHORITY
AGENDA**

**Monday, August 8, 2022
Regular Meeting - 4:00 P.M.**

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

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

CORONAVIRUS (COVID-19) ADVISORY NOTICE

This meeting will be held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting will not be physically open to the public and Board Members will be teleconferencing into the meeting. **To maximize public safety while still maintaining transparency and public access, members of the public can observe the meeting by following the steps listed below, and may provide public comment by sending comments to the Board Clerk by email at assistanttogm@unionsanitary.ca.gov before or during the meeting or via voicemail by calling 510-477-7599 before 3:00 p.m. on the date of the meeting.** Comments will then be read into the record, with a maximum allowance of 3 minutes per individual comment, subject to the Board President's discretion. All comments should be a maximum of 500 words, which corresponds to approximately 3 minutes of speaking time. If a comment is received after the agenda item is heard but before the close of the meeting, the comment will still be included as a part of the record of the meeting but will not be read into the record.

Any member of the public who needs accommodations should email or call the Board Clerk, assistanttogm@unionsanitary.ca.gov or 510-477-7503, who will use their best efforts to provide reasonable accommodations to provide as much accessibility as possible while also maintaining public safety in accordance with the Union Sanitary District procedure for resolving reasonable accommodation requests.

To listen to this Regular Board Meeting:

Call: 1-888-788-0099 or 1-877-853-5247

Meeting ID: 828 7423 1776 #

Participant ID: #

Click the Zoom link below to watch and listen:

<https://us02web.zoom.us/j/82874231776>

	1.	Call to Order.
	2.	Salute to the Flag. (This item has been suspended until in-person meetings resume.)
	3.	Roll Call.
Motion	4.	Adopt a Resolution Announcing and Declaring Results of the Statewide Direct Primary Election Held June 7, 2022, and Swearing in of Reappointed Boardmembers Tom Handley and Jennifer Toy.
Motion	5.	Approve Minutes of the Union Sanitary District Board Meeting of July 25, 2022.
Motion	6.	Approve Minutes of the Union Sanitary District Special Board Meeting of July 26, 2022.
Information	7.	District Investment Quarterly Report from PFM
	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 Updated Overhead Rates <i>(to be reviewed by the Budget & Finance Committee)</i> .
Motion	11.	Consider a Resolution to Accept the Construction of the Centrifuge Building Improvements Project from Western Water Constructors, Inc. <i>(to be reviewed by the Engineering and Information Technology Committee)</i> .
Motion	12.	COVID-19 Update and Consider Adoption of a Resolution Authorizing the Use of Teleconference Meetings in Compliance with AB 361.
Information	13.	Board Expenses for 4 th Quarter of Fiscal Year 2022 <i>(to be reviewed by the Budget & Finance Committee)</i> .
Information	14.	Report on the East Bay Dischargers Authority Meeting of July 21, 2022.
Information	15.	Check Register.
Information	16.	Committee Meeting Reports. <i>(No Board action is taken at Committee meetings):</i> <ol style="list-style-type: none"> Budget & Finance Committee – Wednesday, August 3, 2022, at 9:00 a.m. <ul style="list-style-type: none"> Director Kite and Director Toy Engineering and Information Technology Committee – Thursday, August 4, 2022, at 11:30 a.m. <ul style="list-style-type: none"> Director Handley and Director Lathi Investment & Portfolio Committee – Friday, August 5, 2022, at 3:00 p.m. <ul style="list-style-type: none"> Director Handley and Director Lathi

- d. Legislative Committee – Will not meet.
 - e. Personnel Committee – Will not meet.
 - f. Legal/Community Affairs Committee – Will not meet.
-

Information

- 17. General Manager’s Report. *(Information on recent issues of interest to the Board).*
 - 18. 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.
 - 19. Adjournment – The Board will adjourn to the next Regular Board Meeting to be held virtually on Monday, August 22, 2022, 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.



BUDGET & FINANCE COMMITTEE MEETING
Committee Members: Director Kite and Director Toy

AGENDA

Wednesday, August 3, 2022
9:00 A.M.

Alvarado Conference Room
5072 Benson Road
Union City, CA 94587

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

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1. Call to Order

2. Roll Call

3. 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 and are requested to be completed prior to the start of the meeting.

4. Items to be reviewed for the Regular Board meeting of August 8, 2022:

- Review and Consider Approval of Updated Overhead Rates
- Board Expenses for 4th Quarter of Fiscal Year 2022

5. Adjournment

Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting. No action will be taken at committee meetings.

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.



**ENGINEERING AND INFORMATION TECHNOLOGY
COMMITTEE MEETING**

Committee Members: Director Handley and Director Lathi

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

AGENDA

Thursday, August 4, 2022

11:30 A.M.

Alvarado Conference Room

5072 Benson Road

Union City, CA 94587

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

This meeting will be held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting will not be physically open to the public and all Board Members will be teleconferencing into the meeting via conference call. To maximize public safety while still maintaining public access, members of the public can observe the meeting by calling 510-477-6190 to listen to the committee meeting, and may provide public comment by sending comments to the Board Clerk by email anytime during the meeting at assistanttogm@unionsanitary.ca.gov or via voicemail by calling 510-477-7599 up to one hour before the scheduled meeting start time.

1. Call to Order

2. Roll Call

3. 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 and are requested to be completed prior to the start of the meeting.

4. Items to be reviewed for the Regular Board meeting of August 8, 2022:

- Consider a Resolution to Accept the Construction of the Centrifuge Building Improvements Project from Western Water Constructors, Inc.

5. Adjournment

Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting. No action will be taken at committee meetings.

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.



INVESTMENT & PORTFOLIO COMMITTEE MEETING
Committee Members: Director Handley and Director Lathi

AGENDA

Friday, August 5, 2022
3:00 P.M.

Alvarado Conference Room
5072 Benson Road
Union City, CA 94587

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

This meeting will be held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting will not be physically open to the public and all Board Members will be teleconferencing into the meeting via conference call. To maximize public safety while still maintaining public access, members of the public can observe the meeting by calling 510-477-6190 to listen to the committee meeting, and may provide public comment by sending comments to the Board Clerk by email anytime during the meeting at assistanttogm@unionsanitary.ca.gov or via voicemail by calling 510-477-7599 up to one hour before the scheduled meeting start time.

1. Call to Order

2. Roll Call

3. 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 and are requested to be completed prior to the start of the meeting.

4. Items to be reviewed for the Regular Board meeting of August 8, 2022:

- Review District Investment Quarterly Report from PFM.

5. Adjournment

Items reviewed at committee meetings will be included in the agenda packet for the upcoming Board meeting. No action will be taken at committee meetings.

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.



USD TREAT
PROTECT
PRESERVE
est. 1918
TRI-CITY WASTEWATER

Directors

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**AUGUST 8, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 4**

TITLE: Adopt a Resolution Announcing and Declaring Results of the Statewide Direct Primary Election Held June 7, 2022, and Swearing in of Reappointed Boardmembers Tom Handley and Jennifer Toy *(This is a Motion Item)*

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Sharon Anderson, Administrative Specialist
Karen Murphy, General Counsel

Recommendation

1. Adopt a resolution receiving the Certificates of Appointment and announcing the results from the June 7, 2022, Statewide Direct Primary Election as to Union Sanitary District Directors.
2. Swearing in of Reappointed Boardmembers Tom Handley and Jennifer Toy.

Background

Director Tom Handley and Director Jennifer Toy were the only candidates and were reappointed by the County to serve terms expiring June 2026.

Candidates who run unopposed and are not included on a ballot are reappointed. Candidates who run opposed and appear on a ballot are considered re-elected.

Human Resources Manager Boucher will lead the swearing in for Reappointed Directors Handley and Toy.

Previous Board Action

On January 24, 2022, the Board of Directors adopted Resolution No. 2949, Calling the Election for Two Directors, and Resolution No. 2950, Consolidating the Union Sanitary District Election with the Statewide Direct Primary Election on June 7, 2022.

Reappointed Boardmembers are sworn in following the certification of Direct Primary election results.

Attachments: Resolution – Announcing and Declaring Results of the Election Held June 7, 2022
Exhibit A to Resolution – Certificates of Appointment of the June 7, 2022,
Statewide Direct Primary Election

RESOLUTION NO. ____

**RESOLUTION OF THE BOARD OF DIRECTORS OF UNION SANITARY DISTRICT
ANNOUNCING AND DECLARING THE RESULTS OF THE ELECTION
HELD JUNE 7, 2022**

WHEREAS, on June 7, 2022, Alameda County conducted a Statewide Direct Primary Election; and

WHEREAS, on January 24, 2022, the Board of Directors adopted Resolution No. 2949, Calling the June 7, 2022 Election for Two Directors, and Resolution No. 2950, Consolidating the Union Sanitary District Election with the Statewide Direct Primary Election on June 7, 2022; and

WHEREAS, the Union Sanitary District offices to be filled by such Statewide Direct Primary Election were for two Directors serving Ward 3, with terms expiring June 2026; and

WHEREAS, Director Tom Handley and Director Jennifer Toy, representing Ward 3, were the only candidates for their respective wards, and a petition signed by voters in the District requesting that an election be held for such offices was not filed; and

WHEREAS, Director Tom Handley was appointed by the County to the office of Union Sanitary District Director, Ward 3; and

WHEREAS, Director Jennifer Toy was appointed by the County to the office of Union Sanitary District Director, Ward 3.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Union Sanitary District hereby receives the certificates of appointment from the Registrar of Voters of Alameda County for the Statewide Direct Primary Election for Ward 3, and announces the results of the June 7, 2022, election.

On motion duly made and seconded, this resolution was adopted by the following vote on August 8, 2022:

AYES:

NOES:

ABSENT:

ABSTAIN:

ANJALI LATHI
President, Board of Directors
UNION SANITARY DISTRICT

Attest:

JENNIFER TOY
Secretary, Board of Directors
UNION SANITARY DISTRICT



REGISTRAR OF VOTERS
ALAMEDA COUNTY • CALIFORNIA

TIM DUPUIS
REGISTRAR OF VOTERS

CYNTHIA CORNEJO
DEPUTY REGISTRAR OF VOTERS

July 7, 2022

Union Sanitary District
Paul R. Eldredge, General Manager
5072 Benson Road
Union City, CA 94587

Dear Paul R. Eldredge:

Enclosed is the Certificate of Appointment for the Union Sanitary District Statewide Direct Primary Election held on June 7, 2022.

If you have any questions, please contact me at (510) 272-6933.

Sincerely,

Tim Dupuis
Registrar of Voters
Enclosure

CERTIFICATE OF REGISTRAR OF VOTERS PURSUANT TO SECTION 10515 OF THE ELECTIONS CODE CONCERNING THE STATEWIDE DIRECT PRIMARY ELECTION TO BE HELD ON JUNE 7, 2022, IN THE UNION SANITARY DISTRICT, WARD 3.

I, **TIM DUPUIS**, Registrar of Voters, County of Alameda, State of California, do hereby certify that the number of Directors to be elected at the Statewide Direct Primary Election held on June 7, 2022, in the Union Sanitary District, Ward 3 is: Two

I further certify that the number of nominees for the Director of Union Sanitary District does not exceed the number of offices for Director to be filled at said election.

I further certify that the following candidates were duly nominated for the elective office of District Director, Union Sanitary District, Ward 3:

JENNIFER TOY

THOMAS HANDLEY

I hereby certify that a petition signed by voters in the District requesting that an election be held for such office was not filed.

Dated at Oakland, California
This 7th Day of July 2022



Handwritten signature of Tim Dupuis in black ink.

TIM DUPUIS
Registrar of Voters
Alameda County
State of California

Certificate of Appointment and Oath of Office

STATE OF CALIFORNIA,

} SS.

COUNTY OF ALAMEDA

I, **Tim Dupuis** Registrar of Voters in and for the COUNTY OF ALAMEDA in the State of California, do hereby certify, that at a Statewide Direct Primary Election held in and for said County on June 7, 2022,
Jennifer Toy was appointed to the office of Union Sanitary District Director, Ward 3 in which the number of candidates for said office did not exceed the number to be elected at the above titled election.



IN WITNESS WHEREOF, I have hereunto affixed my hand and seal this 7th day of July, 2022.


Registrar of Voters

STATE OF CALIFORNIA

} SS.

COUNTY OF ALAMEDA

I, Jennifer Toy, solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California; that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.

Subscribed and sworn to before me, this _____ day of _____, _____.

Certificate of Appointment and Oath of Office

STATE OF CALIFORNIA,

} SS.

COUNTY OF ALAMEDA

I, Tim Dupuis Registrar of Voters in and for the COUNTY OF ALAMEDA in the State of California, do hereby certify, that at a Statewide Direct Primary Election held in and for said County on June 7, 2022,
Thomas Handley was appointed to the office of Union Sanitary District Director, Ward 3 in which the number of candidates for said office did not exceed the number to be elected at the above titled election.



IN WITNESS WHEREOF, I have hereunto affixed my hand and seal this 7th day of July, 2022.


Registrar of Voters

STATE OF CALIFORNIA

} SS.

COUNTY OF ALAMEDA

I, Thomas Handley, solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California; that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.

Subscribed and sworn to before me, this _____ day of _____, _____.

**MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT/UNION SANITARY DISTRICT FINANCING
AUTHORITY
July 25, 2022**

This meeting was held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting was not physically open to the public and all Board Members teleconferenced into the meeting. To maximize public safety while still maintaining transparency and public access, members of the public were able to observe the Board Meeting and provide public comment by sending comments to the Board Clerk.

CALL TO ORDER

President Lathi called the meeting to order at 4:00 p.m. The regular meeting time was modified due to the COVID-19 emergency.

SALUTE TO THE FLAG

ROLL CALL

PRESENT: Anjali Lathi, President
Manny Fernandez, Vice President
Jennifer Toy, Secretary
Tom Handley, Director
Pat Kite, 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
Michael Dunning, Environmental Compliance Coach
Richard Pipkin, ETSU Program Manager
Chris Pachmayer, Fabrication, Maintenance, and Construction Coach
Trieu Nguyen, IT Administrator
Michelle Powell, Communications and Intergovernmental Relations Coordinator
Sharon Anderson, Administrative Specialist

**APPROVE MINUTES OF THE UNION SANITARY DISTRICT BOARD MEETING OF
JULY 11, 2022**

It was moved by Director Handley seconded by Vice President Fernandez to Approve the Minutes of the Board Meeting of July 11, 2022. Motion carried with the following vote:

AYES: Fernandez, Handley, Kite, Lathi, Toy
NOES: None
ABSTAIN: None
ABSENT: None

JUNE 2022 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 AMENDMENT NO. 1 TO TASK ORDER NO. 2 WITH CAROLLO ENGINEERS, INC. FOR THE CHERRY STREET PUMP STATION IMPROVEMENTS PROJECT

This item was reviewed by the Engineering and Information Technology Committee. Technical Services Manager Chau stated that staff anticipates that future land development in the area served by the Cherry Street Pump Station will necessitate an upgrade or replacement of the facility, which could be part of future development projects. However, the current condition of the pump station requires rehabilitation prior to system demands increasing.

Staff conducted a consultant procurement process in March 2020 and selected Carollo to perform the professional engineering services for the Project. These services included a condition assessment of the structural, mechanical, and electrical elements of Cherry Street Pump Station and providing the final design services for recommended improvements. The purpose of Amendment No. 1 to Task Order No. 2 is to authorize additional design services for the Project. Staff recommends the Board authorize the General Manager to execute Amendment No. 1 to Task Order No. 2 with Carollo Engineers, Inc. (Carollo) in the amount of \$29,561 to provide additional design services for the Cherry Street Pump Station Improvements Project (Project).

It was moved by Director Handley seconded by Secretary Toy to Authorize the General Manager to Execute Amendment No. 1 to Task Order No. 2 with Carollo Engineers, Inc. (Carollo) in the Amount of \$29,561 to Provide Additional Design Services for the Cherry Street Pump Station Improvements Project (Project). Motion carried with the following vote:

AYES: Fernandez, Handley, Kite, Lathi, Toy
NOES: None
ABSTAIN: None
ABSENT: None

RECEIVE INFORMATION AND PROVIDE DIRECTION REGARDING THE UPGRADES REQUIRED TO HOST HYBRID BOARD MEETINGS IN THE BOARDROOM

This item was reviewed by the Legal/Community Affairs Committee. Information Technology Administrator Nguyen stated Staff conducted research into the feasibility of moving virtual hybrid Board Meetings from the Alvarado Conference Room to the Boardroom, and determined that the Boardroom required equipment upgrades to effectively host hybrid meetings. Staff performed site assessments in late June and early July 2022 with contractors from AVI-SPL, Integrated Communication Systems, and Prime Electric. The contractors indicated during their site assessments that due to supply chain issues, the current lead time for equipment is typically three to six months once a contract is issued. Staff did not receive any bids on the project; however, staff research estimates the cost at \$49,000 to prepare the Boardroom for hybrid meetings. Staff requested the Board provide direction regarding the upgrades required to host hybrid Board meetings in the Boardroom.

The Board decided not to move forward with the Boardroom upgrade at this time.

RECEIVE INFORMATION AND PROVIDE DIRECTION REGARDING ENVIRONMENTAL COMPLIANCE ADMINISTRATIVE FINES UNDER CERTAIN CIRCUMSTANCES

This item was reviewed by the Legal/Community Affairs Committee. Environmental Compliance Team Coach Dunning stated that Staff conducted research to determine if the District has flexibility in the issuance of fines related to Notice of Violations under the current Ordinance, under certain circumstances. After EC staff and District Counsel's review, it was determined that it is not a *federal* requirement to assess fines for every Notice of Violation, however it is a requirement of USD's Ordinance 36.04. Changing the administration of fines and penalties in Ordinance 36.04, Section 6.08 would require Regional Water Quality Control Board (RWQCB) review. Staff requested the Board provide input and direction regarding the amendment of Ordinance 36.04 to allow waiving of administrative penalties under certain circumstances.

The Board directed staff create a draft revision of the language in USD Ordinance 36.04 and submit to the Board for review at a future Board meeting.

INFORMATION ITEMS:

Solar and Cogeneration Facilities Operational Update

This item was reviewed by the Budget & Finance Committee. Technical Services Manager Chau provided an operational overview of the Alvarado Wastewater Treatment Plant solar carport, Irvington Pump Station solar facility, and Cogeneration Facility. Staff will provide the Board with an operational update of the solar and cogeneration facilities on a semi-annual basis.

CAL-Card 4th Quarter Activity Report

This item was reviewed by the Budget & Finance Committee. General Manager Eldredge provided an overview of the CAL-Card activity of the fourth quarter of Fiscal Year 2022.

Report on the East Bay Dischargers Authority Meeting of June 16, 2022

President Lathi provided an overview of the EBDA meeting minutes included in the Board meeting packet.

COVID-19 Update

General Manager Eldredge provided an update regarding COVID-19 impacts on District operations and coordination efforts.

Check Register

There were no questions regarding the check register.

COMMITTEE MEETING REPORTS:

The Budget & Finance, Engineering and Information Technology, and Legal/Community Affairs Committees met.

GENERAL MANAGER'S REPORT:

- Staff will contact Director Handley and Secretary Toy regarding their Oaths of Office at the August 8, 2022, Board meeting.
- An update was provided on current recruitments.
- An overview was provided of the articles included in the Board packet – PFAS by the Numbers, PFAS Fact Sheet, The Expanding World of PFAS Compounds, and the Attorney for School District Says No to Brown Act Violation.
- The SRF loan draft eligibility has been pushed out to early August.
- Last week, the City of Union City approved the grading and building permit to begin construction of the Campus Building.

OTHER BUSINESS:

Secretary Toy attended the USD plant tour for Congressman Eric Swalwell on Thursday, July 21, 2022.

ADJOURNMENT:

The meeting was adjourned at 5:01 p.m. to the next Regular Board Meeting to be held virtually on Monday, August 8, 2022, at 4:00 p.m.

SUBMITTED:

ATTEST:

SHARON ANDERSON
ADMINISTRATIVE SPECIALIST

JENNIFER TOY
SECRETARY

APPROVED:

ANJALI LATHI
PRESIDENT

Adopted this 8th day of August 2022

**MINUTES OF THE SPECIAL MEETING OF THE
BOARD OF DIRECTORS OF
UNION SANITARY DISTRICT
July 26, 2022**

This meeting was held pursuant to Government Code Section 54953 (as amended by AB 361), which authorizes teleconferenced meetings under the Brown Act during a proclaimed state of emergency. The Governor of California proclaimed a State of Emergency related to COVID-19 on March 4, 2020. Consistent with Government Code Section 54953, this meeting was not physically open to the public and all Board Members teleconferenced into the meeting. To maximize public safety while still maintaining transparency and public access, members of the public were able to observe the Board Meeting and provide public comment by sending comments to the Board Clerk.

CALL TO ORDER

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

ROLL CALL

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

STAFF: Paul Eldredge, General Manager/District Engineer
Michelle Powell, Communications and Intergovernmental Relations Coordinator
Sharon Anderson, Administrative Specialist

PUBLIC COMMENT

There was no public comment.

BOARD WORKSHOP

General Manager Eldredge, and Communications and Intergovernmental Relations Coordinator Powell, presented a draft of the District's Fall 2022 newsletter and received feedback from the Board.

ADJOURNMENT:

The special meeting was adjourned at approximately 4:10 p.m. to the next Regular Board Meeting to be held Monday, August 8, 2022, at 4:00 p.m.

SUBMITTED:

ATTEST:

SHARON ANDERSON
ADMINISTRATIVE SPECIALIST

JENNIFER TOY
SECRETARY

APPROVED:

ANJALI LATHI
PRESIDENT

Adopted this 8th day of August, 2022



USD
TREAT
PROTECT
PRESERVE
est. 1918
TRI-CITY WASTEWATER

Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**AUGUST 8, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 7**

TITLE: **Fiscal Year 2022 Fourth Quarter Managed Investment Portfolio Report (*This is an Information Item*)**

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

Recommendation

Information only.

Discussion

The attached report from PFM shows the District's investment positions for the 4th Quarter of Fiscal Year 2022 (ending June 30, 2022)

This reporting format is intended to supplement the existing Monthly Operations Report provided by Staff for the months of April, May and June of 2022 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

Attachment:

Investment Performance Review for the Quarter Ended June 30, 2022.

UNION SANITARY DISTRICT

Investment Performance Review For the Quarter Ended June 30, 2022

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

Agenda

- Market Update
- Account Summary
- Portfolio Review

Market Update

Current Market Themes



- ▶ The U.S. economy is characterized by:
 - ▶ High inflation
 - ▶ A strong labor market
 - ▶ Depressed consumer confidence
 - ▶ Growing potential for economic recession



- ▶ The Federal Reserve is tightening monetary policy
 - ▶ More aggressive rate hikes to battle persistent inflation
 - ▶ Short-term fed funds rate projected to reach 3.25% to 3.75% by year-end
 - ▶ Start of balance sheet reduction; pace to double beginning in September

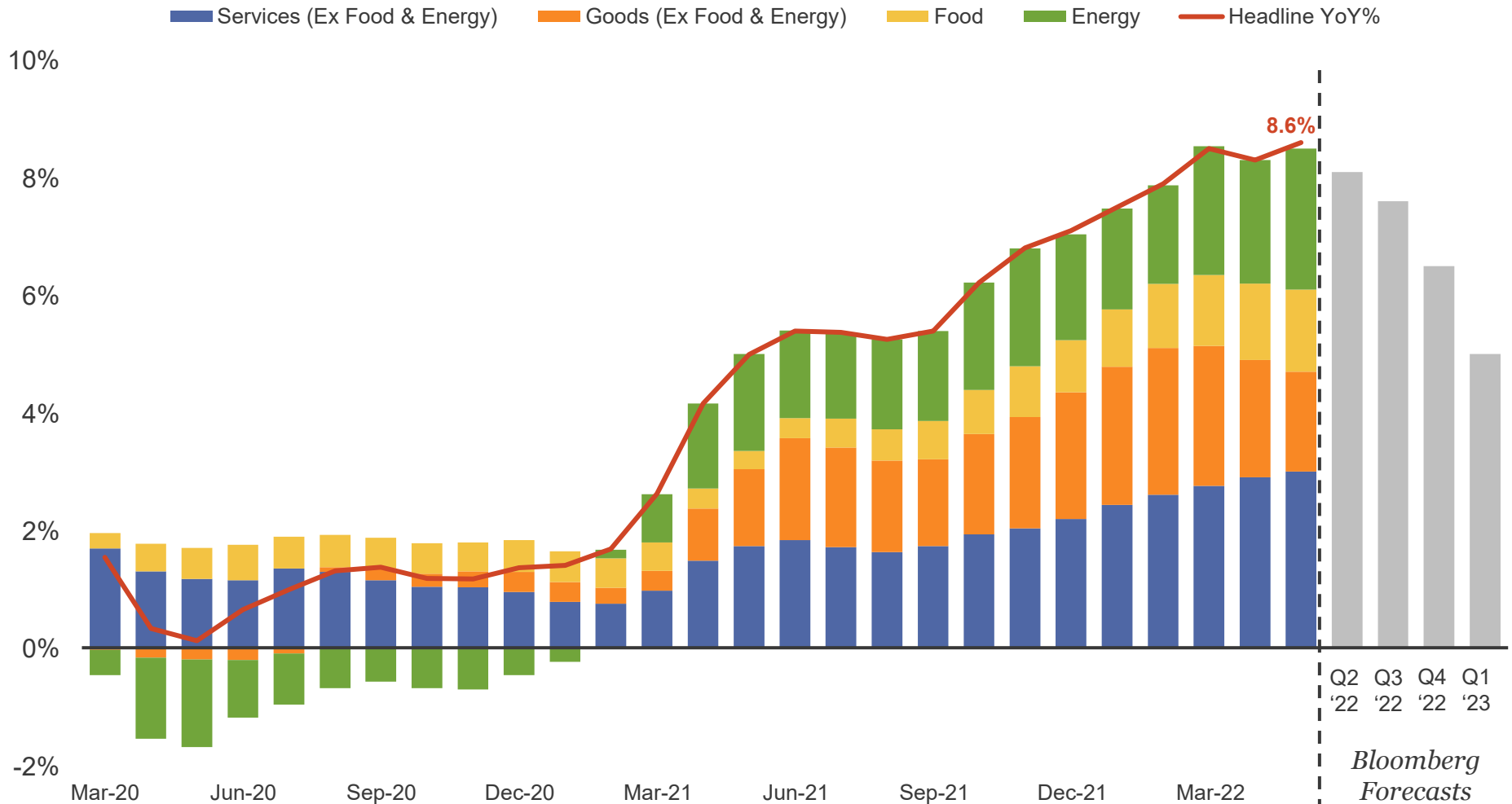


- ▶ Asset prices have fallen sharply in 2022 as a result of:
 - ▶ The impact of higher rates on bond prices and equity valuations
 - ▶ Wider credit spreads
 - ▶ High commodity prices, rising labor costs, and the continuing conflict in Ukraine
 - ▶ High levels of volatility and uncertainty

U.S. Inflation Hit a New Four-Decade High in May

Consumer Prices (CPI)

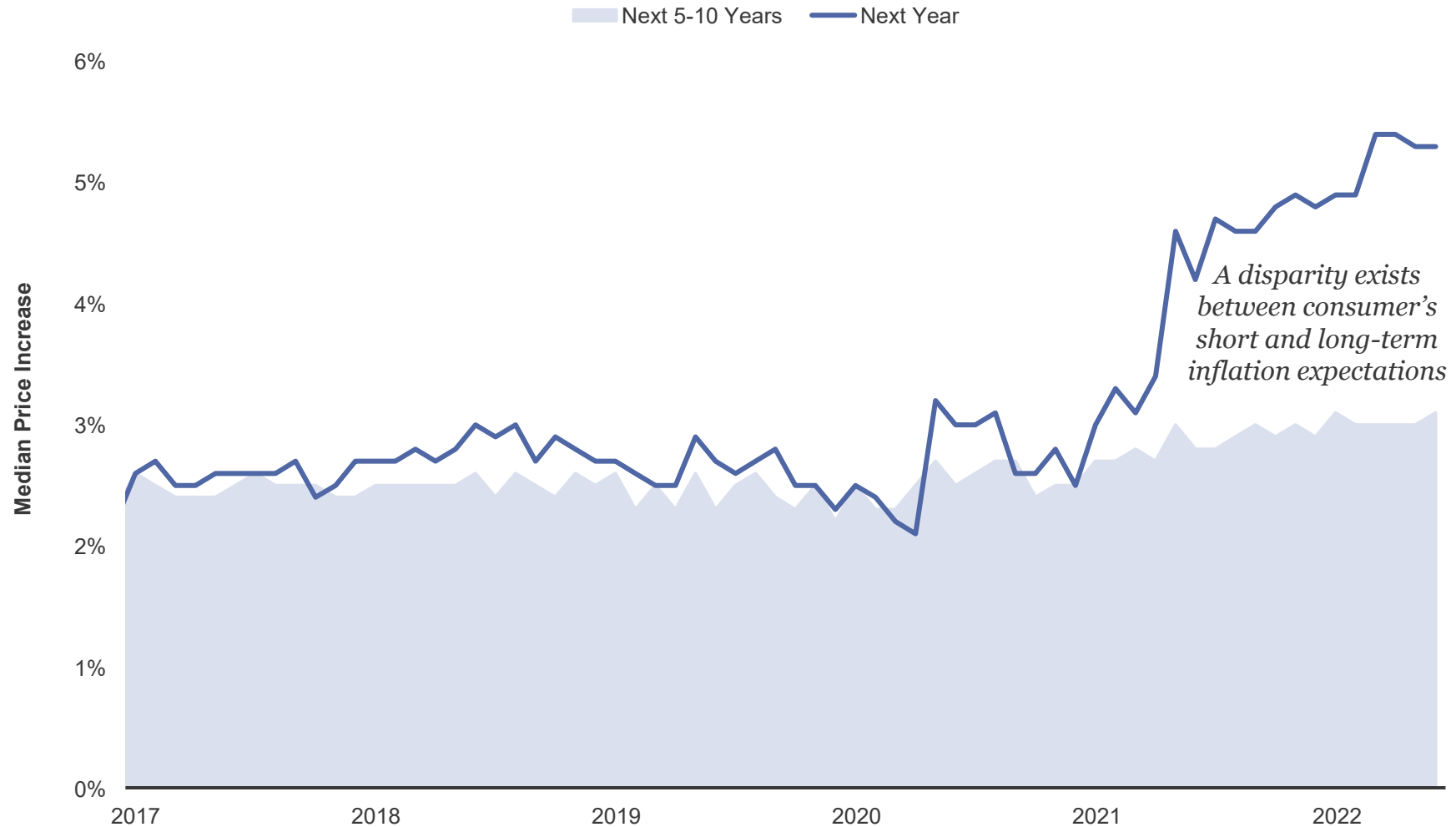
Top-Line Contributions and Year-over-Year Reading



Source: Bloomberg, as of May 2022.

Consumers Expect High Inflation in the Near Term, but Moderation Longer Term

University of Michigan Survey of Consumers Expected Change in Prices

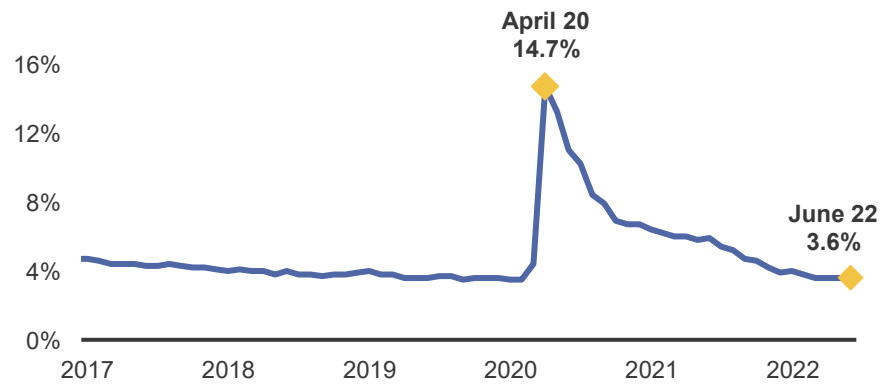


Source: Bloomberg, as of June 2022.

Strong Labor Market and Spending Provide Momentum Against Signs of Economic Slowing

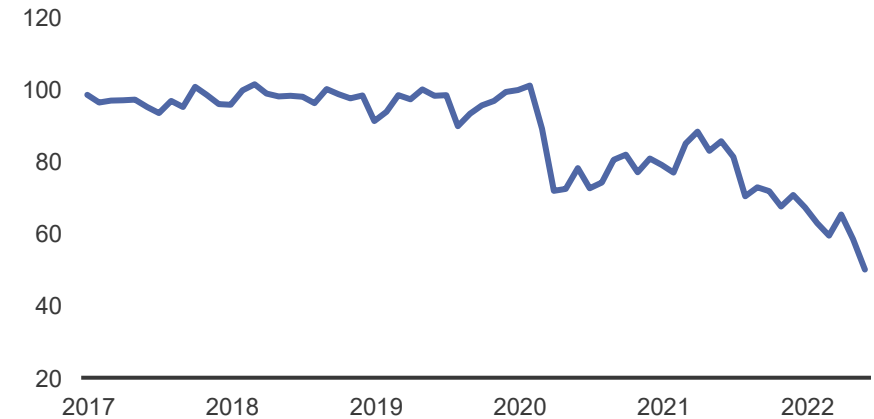
Tailwinds

U.S. Unemployment Rate

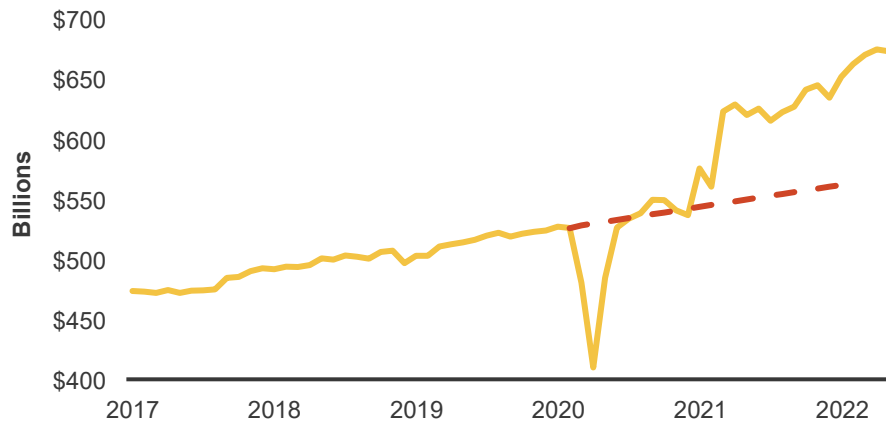


Headwinds

Index of Consumer Sentiment



Retail Sales (Monthly)



Existing Home Sales



Source: Bloomberg, as of June 2022.

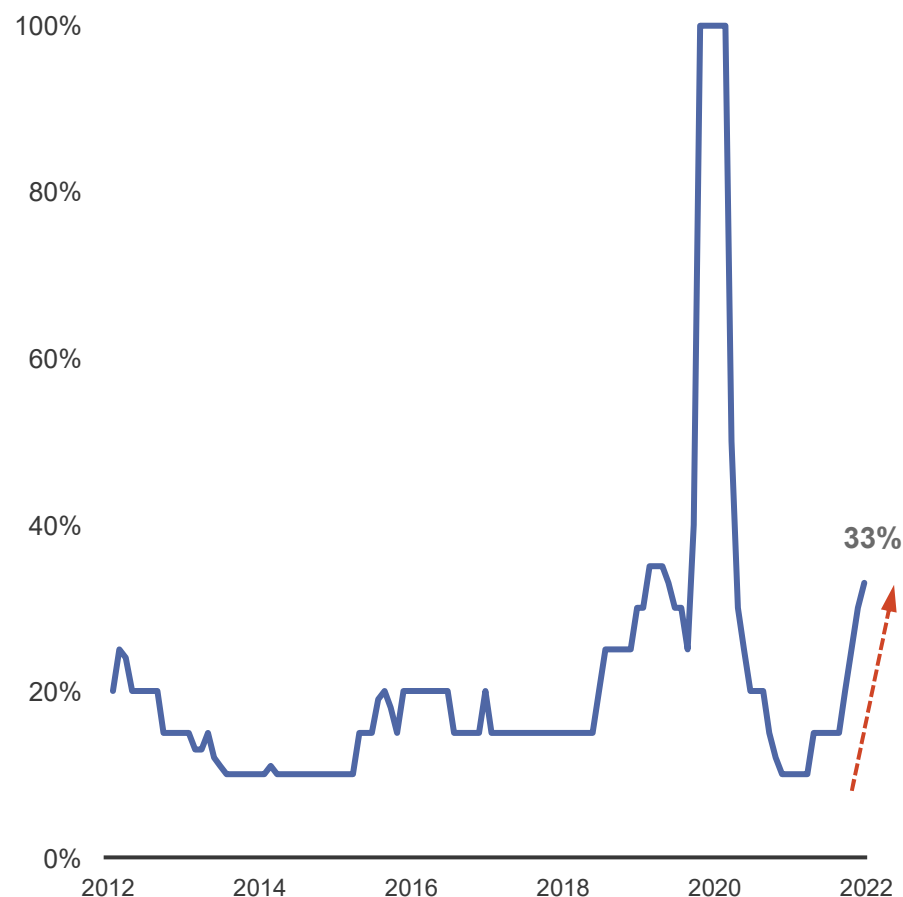
Uncertainty Grows Around Economic Outlook

GDP Contributors

	Q2 2021	Q3 2021	Q4 2021	Q1 2022
U.S. Real GDP	6.7%	2.3%	6.9%	-1.6%
<i>Personal Consumption</i>	7.9%	1.4%	1.8%	1.2%
<i>Fixed Investment</i>	0.6%	-0.2%	0.5%	1.3%
<i>Private Inventories</i>	-1.3%	2.2%	5.3%	-0.4%
<i>Net Exports</i>	-0.2%	-1.3%	-0.2%	-3.2%
<i>Gov't Expenditures</i>	-0.3%	0.2%	-0.5%	-0.5%

Following a negative Q1 reading, economists expect positive yet decelerating growth amid an increasingly cautious consumer

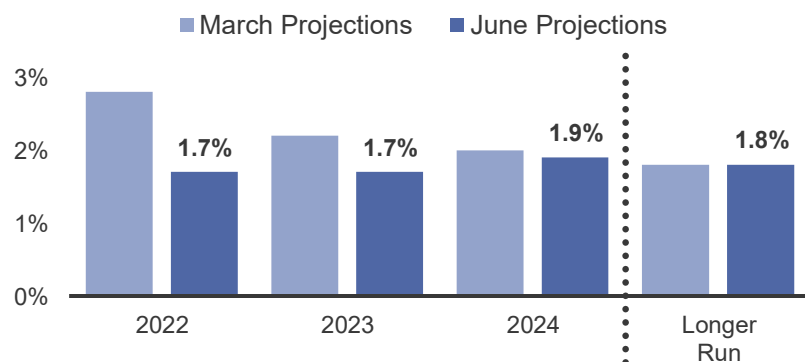
U.S. 1-Year Recession Probability (Bloomberg Median Economist Forecast)



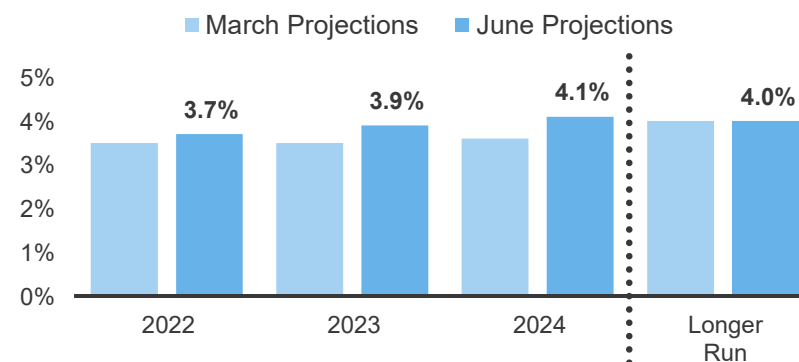
Source: Bloomberg, as of June 2022.

Fed's Updated Projections Show More Expected Inflation, Lower Growth

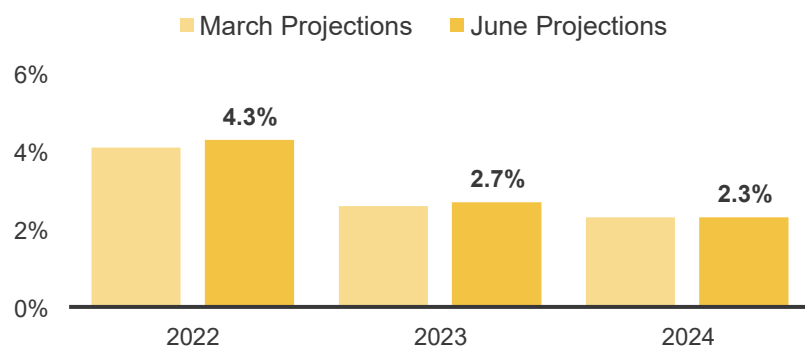
Change in Real GDP



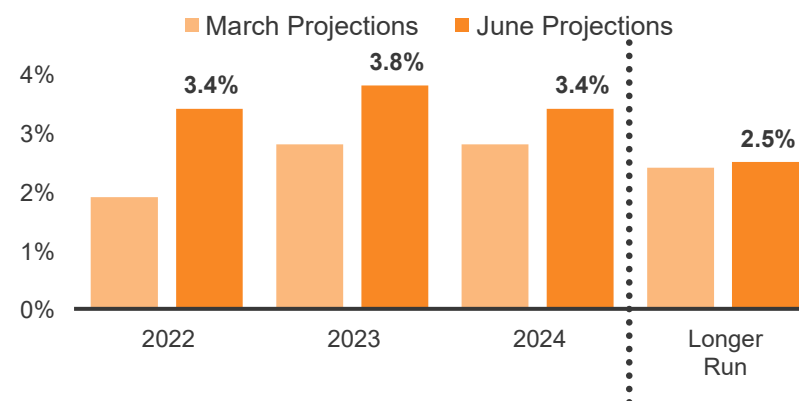
Unemployment Rate



Core PCE Inflation



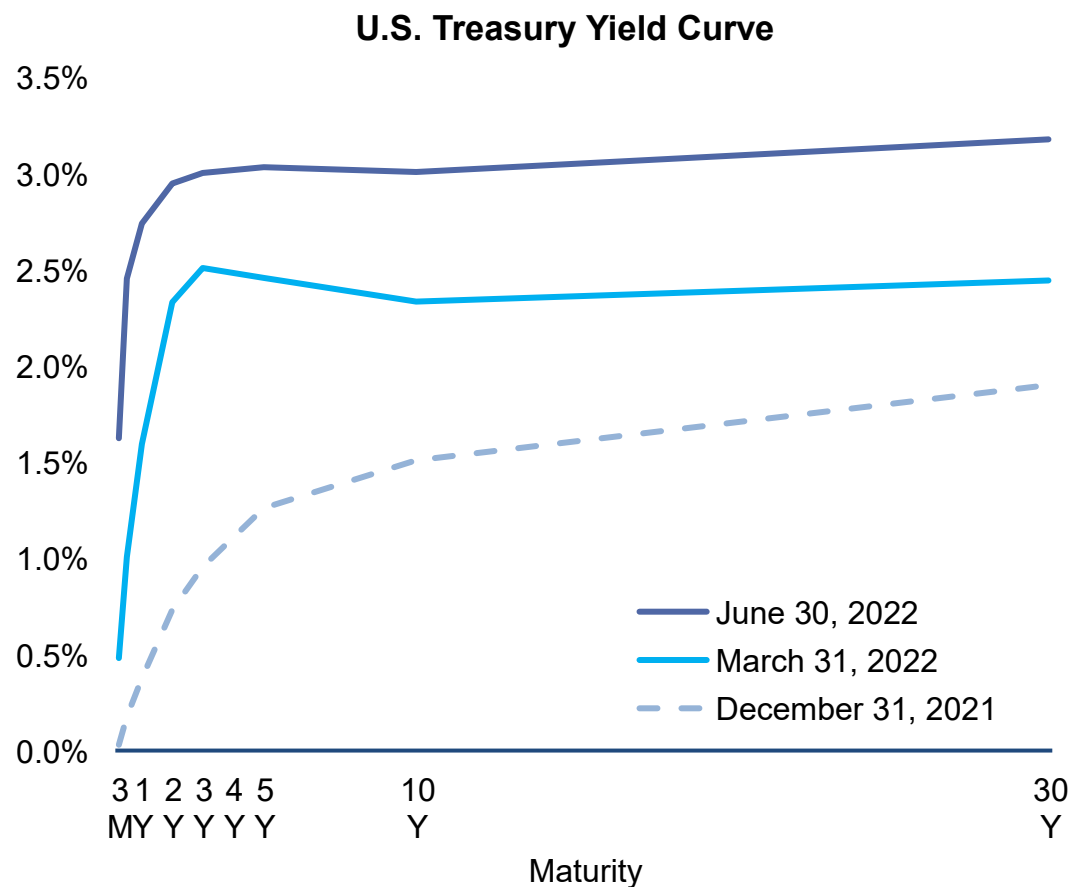
Federal Funds Rate



Source: Federal Reserve, latest economic projections as of June 2022.

Treasury Yields Move Higher Across the Curve; Curve Remains Flat Beyond 2 Years

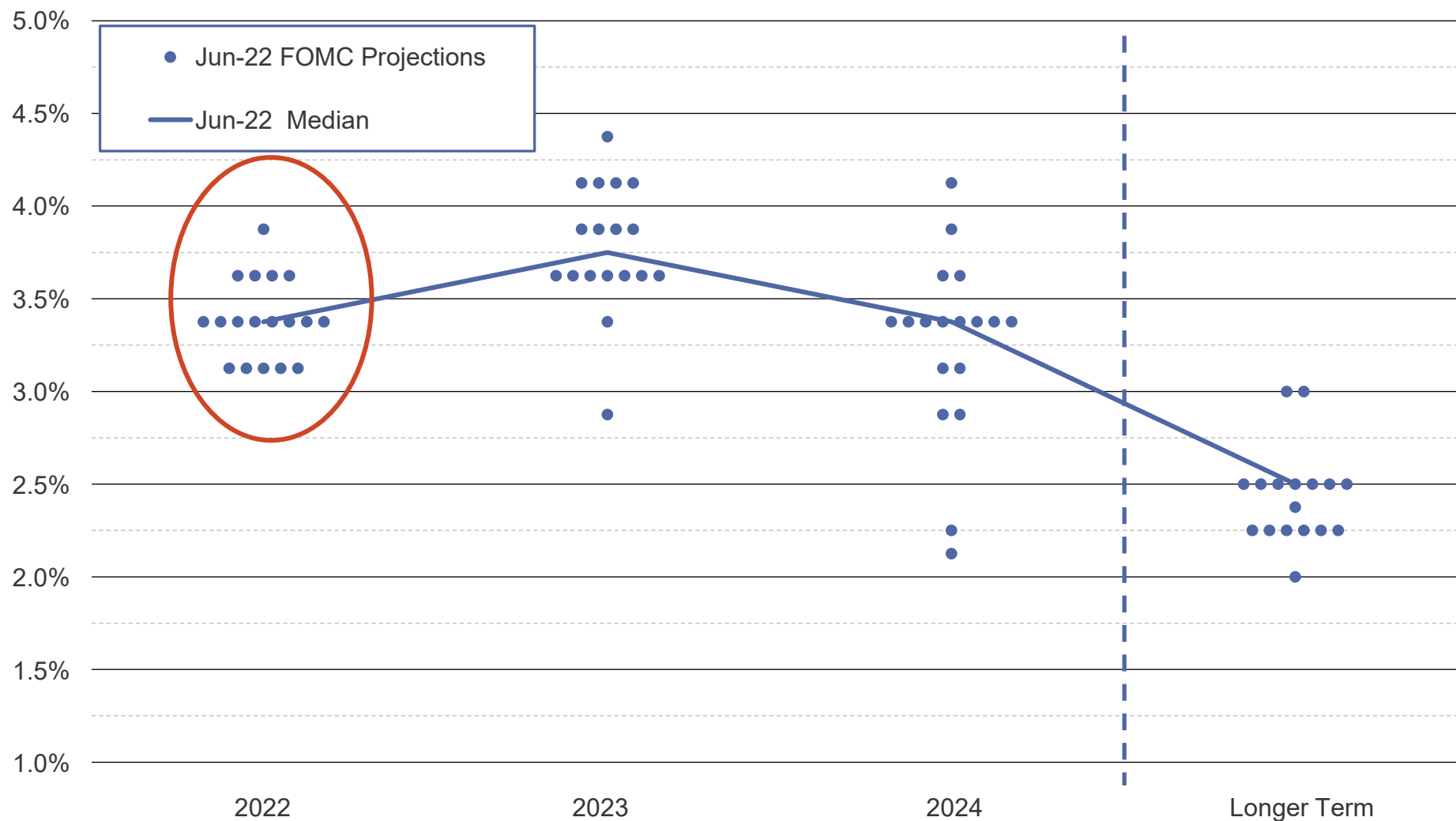
	2Q2022 6/30/22	1Q2022 3/31/22	QoQ Change
3-month	1.63%	0.48%	+1.15%
1-year	2.74%	1.60%	+1.14%
2-year	2.95%	2.33%	+0.62%
3-year	3.01%	2.51%	+0.50%
5-year	3.04%	2.46%	+0.58%
10-year	3.01%	2.34%	+0.67%
30-year	3.18%	2.45%	+0.73%



Source: Bloomberg, as of 6/30/2022.

Federal Reserve Officials Project 1.75% More in Rate Hikes in 2022

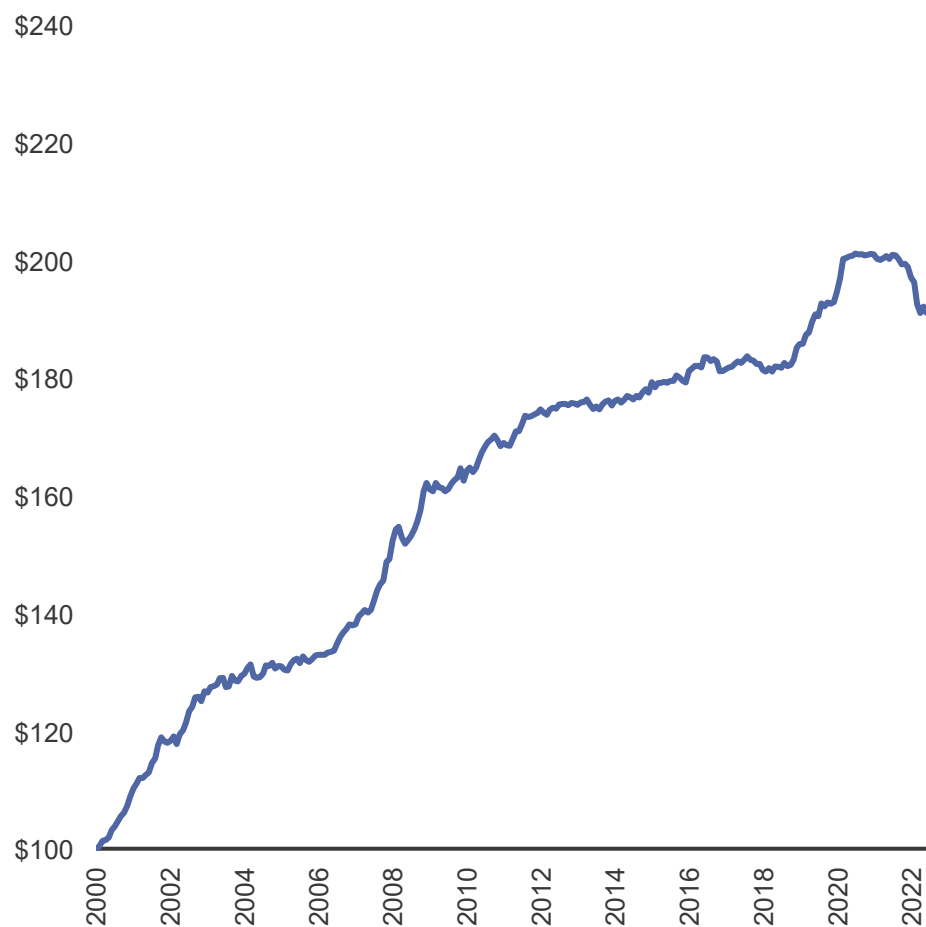
Fed Participants' Assessments of 'Appropriate' Monetary Policy



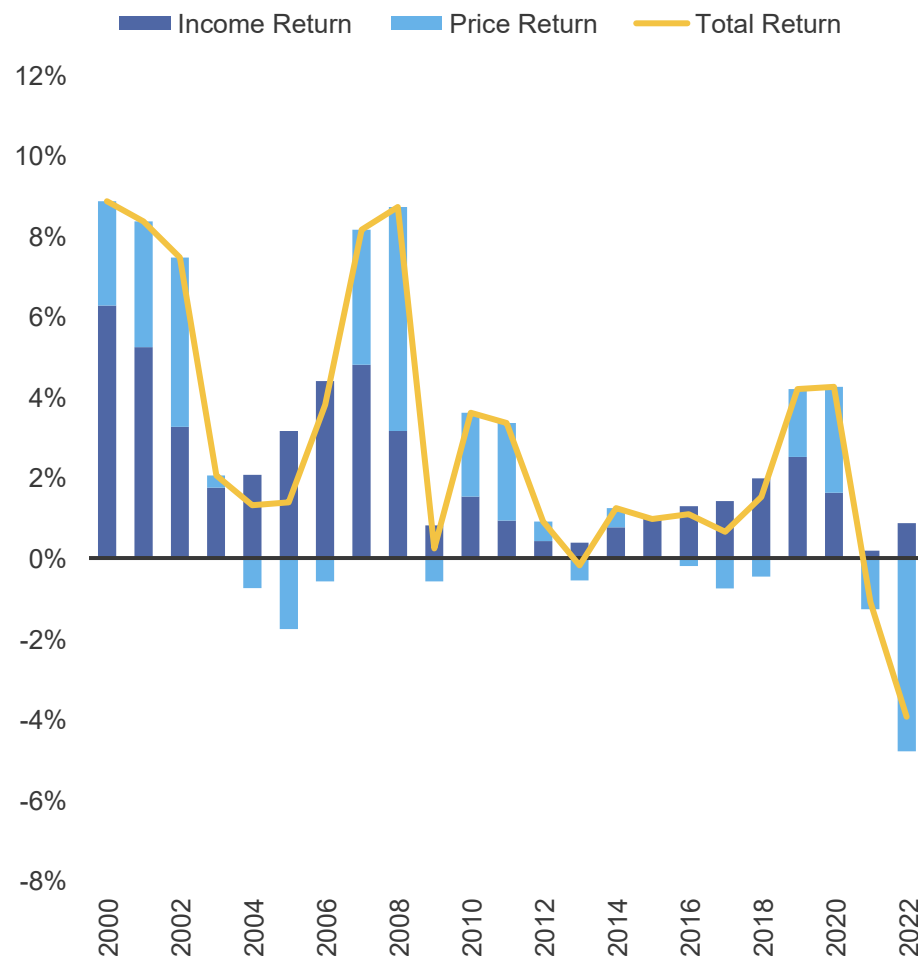
Source: Federal Reserve and Bloomberg. Individual dots represent each Fed members' judgement of the midpoint of the appropriate target range for the federal funds rate at each year-end.

Surging Yields Give Back Pandemic Gains

ICE BofA 1-5 Year Treasury Index

Growth of \$100
(1/1/2000 - 6/30/2022)

Annual Price & Income Returns

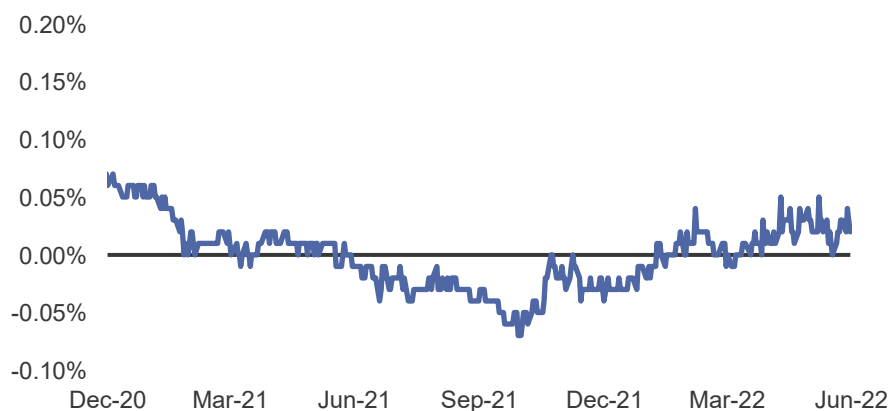


Source: ICE BofAML Indices via Bloomberg, as of 6/30/2022; PFMAM calculations. 2022 Price, income, and total return is YTD as of 6/30/2022.

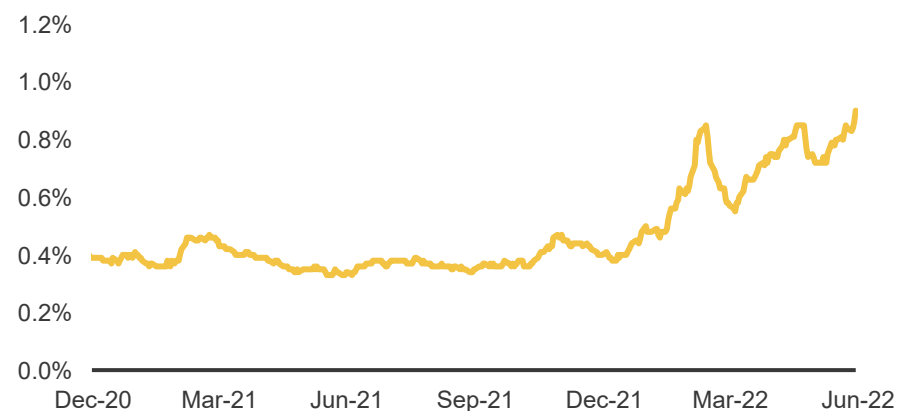
Sector Yield Spreads Widened in Q2 2022

1-5 Year Indices

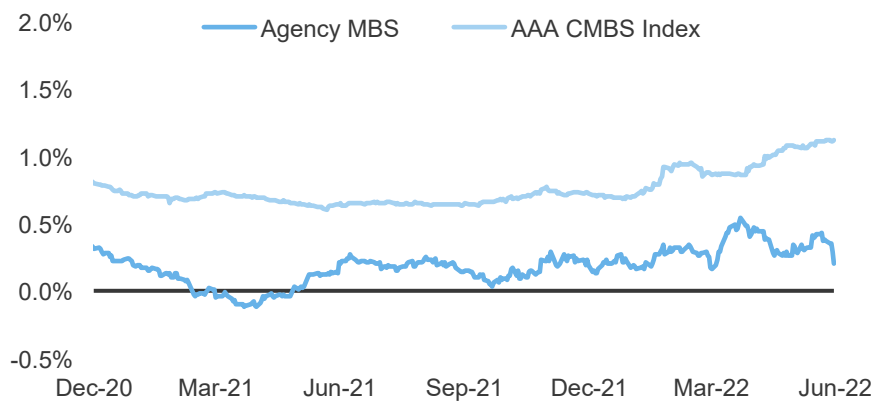
Federal Agency Yield Spreads



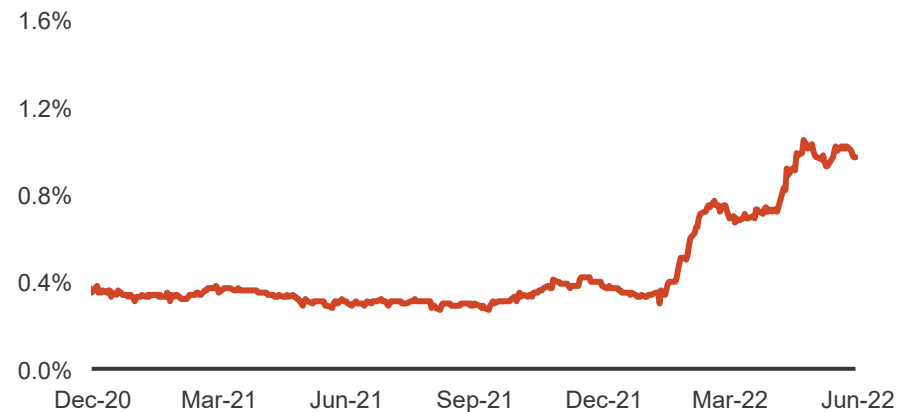
Corporate Notes A-AAA Yield Spreads



Mortgage-Backed Securities Yield Spreads



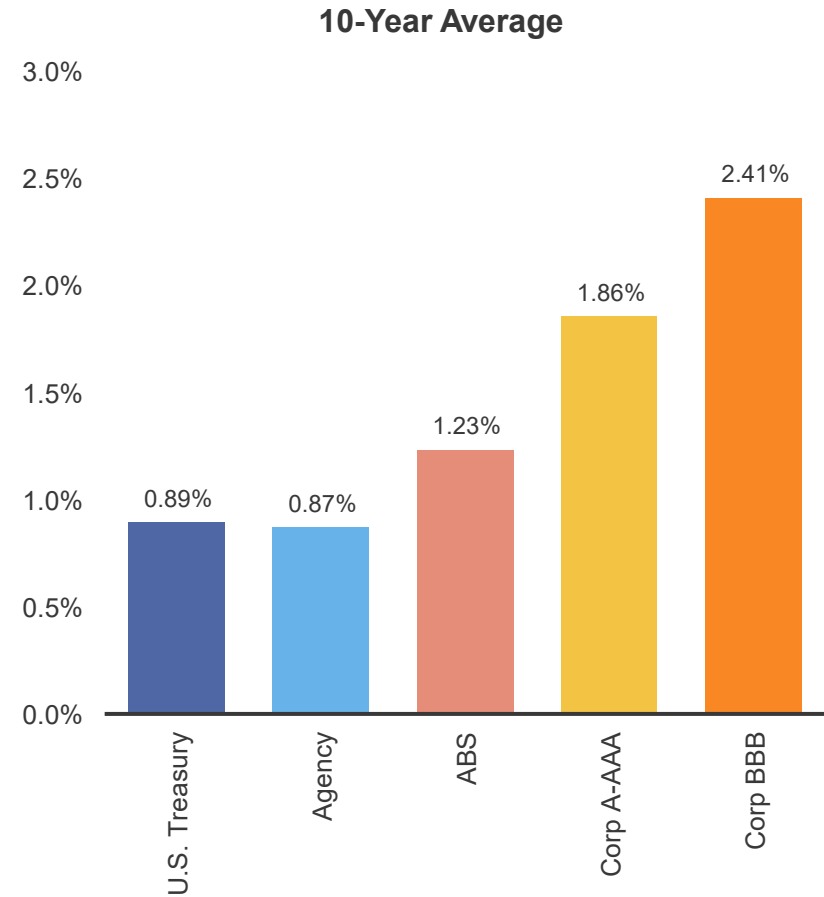
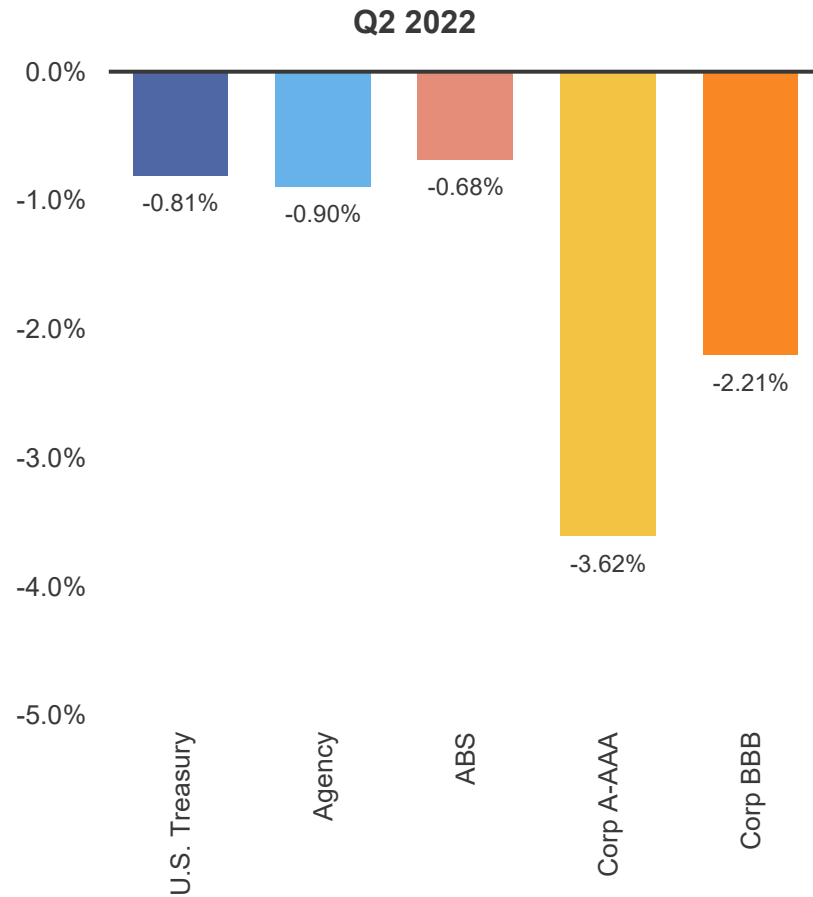
Asset-Backed Securities AAA Yield Spreads



Source: ICE BofAML 1-5 year Indices via Bloomberg, MarketAxess and PFMAM as of 6/30/2022. 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.

Rising Rates and Wider Spreads Hurt Fixed-Income Returns in Q2 2022

1-5 Year Indices



Source: ICE BofAML Indices. ABS indices are 0-5 year, based on weighted average life. As of 6/30/2022.

Fixed-Income Sector Commentary – 2Q 2022

- ▶ **U.S. Treasury** securities posted negative returns for more than two quarters. Yields continued to move higher on surging inflation data and expectations for aggressive Fed rate hikes over the course of 2022.
- ▶ The **Federal Agency** sector generated modest incremental returns over Treasuries in Q2 but continue to offer narrow yield spreads and limited value.
- ▶ **Supranational** spreads are elevated for shorter maturities but remained historically tight further out the curve. Issuance has been relatively light year-to-date which has helped keep downward pressure on yield spreads.
- ▶ Investment grade **Corporates** appear to have priced in a recession on the horizon; however, fundamentals and ratings are expected to stabilize while also carrying a low default rate. Yield spreads have been driven wider to historically attractive levels as uncertainties persist.
- ▶ **Asset-Backed** yield spreads widened after a volatile start to the year. Some measures of collateral performance are trending worse, but overall are in a good position from a historical perspective and remain within rating agency expectations.
- ▶ **Mortgage-Backed Securities** were hampered by soaring mortgage rates and the looming reduction to the Fed's balance sheet. The sector will likely remain under pressure for the foreseeable future as it faces a myriad of headwinds.
- ▶ **Taxable Municipals** were one of the few investment grade sectors that performed well during the quarter. But while issuance has slowed despite appearing at attractive levels, deals remain heavily oversubscribed, pressuring spreads lower.
- ▶ **Commercial Paper and CD** spreads remain elevated and attractive, particularly on maturities near nine months which have heightened value and a steeper curve.

Fixed-Income Sector Outlook – 3Q 2022

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

Negative

Slightly Negative

Neutral

Slightly Positive

Positive

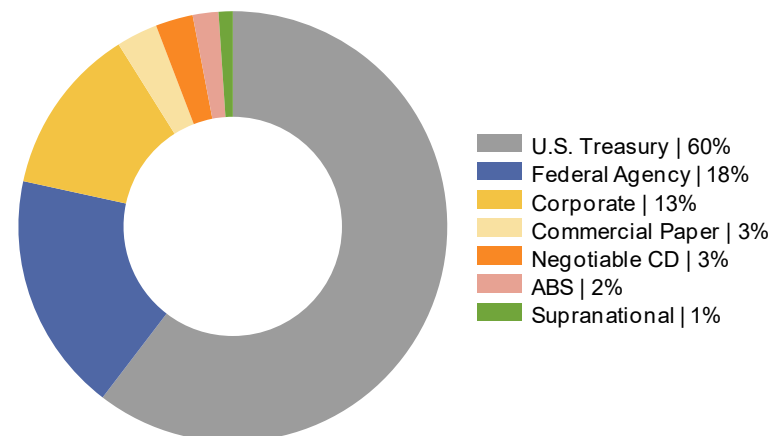
Account Summary

Consolidated Summary

Account Summary¹

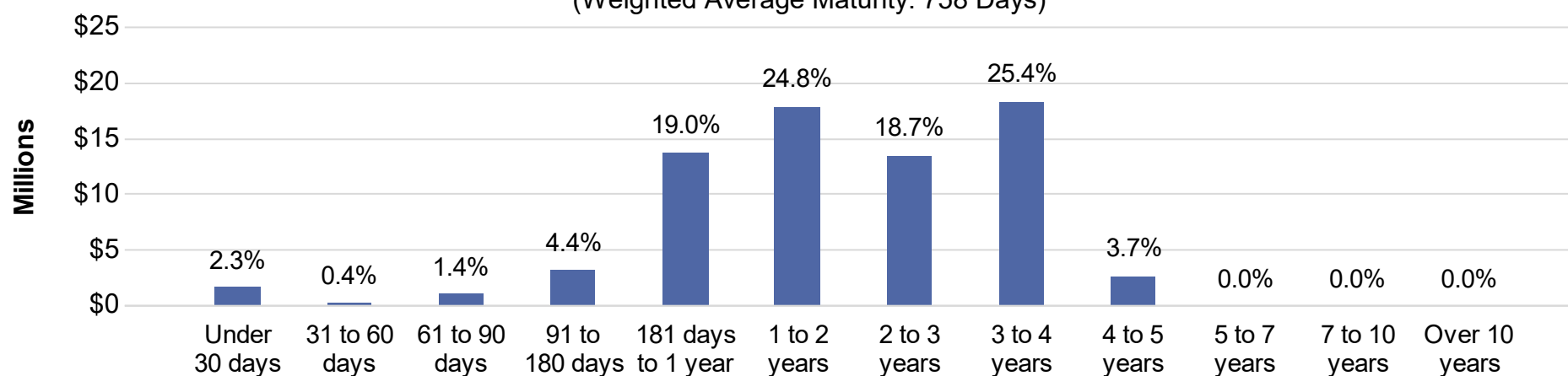
PFMAM Managed Account	\$72,289,178
Total Program	\$72,289,178

Sector Allocation



Maturity Distribution

(Weighted Average Maturity: 758 Days)



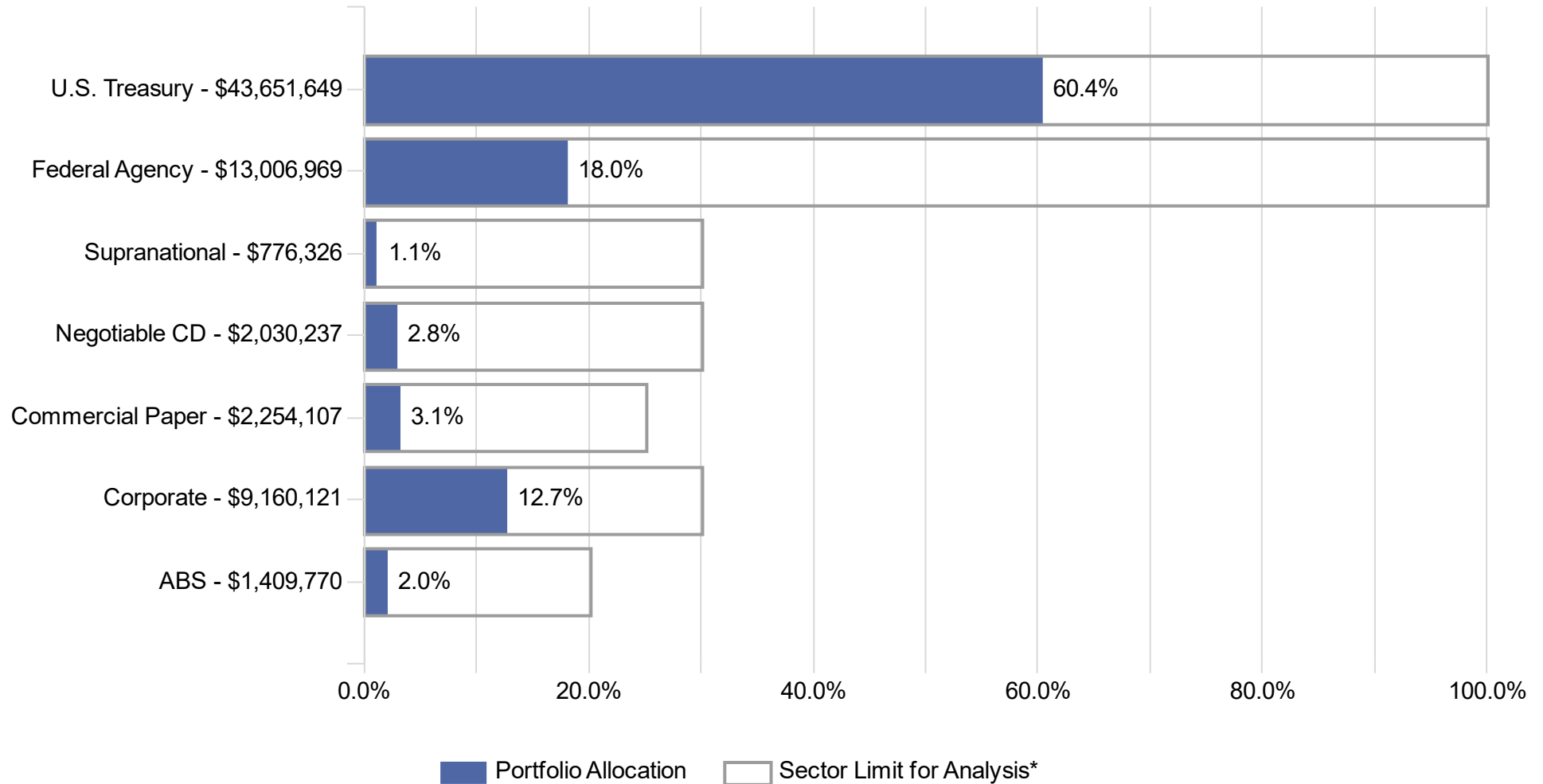
1. Account summary includes market values, accrued interest, cash and cash equivalents. Sector allocation and the maturity distribution include market values and accrued interest.

Account Summary

UNION SANITARY DISTRICT			
Portfolio Values	June 30, 2022	Analytics ¹	June 30, 2022
PFMAM Managed Account	\$72,129,890	Yield at Market	2.94%
Amortized Cost	\$74,880,633	Yield on Cost	1.27%
Market Value	\$72,129,890	Portfolio Duration	1.94
Accrued Interest	\$159,288		
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

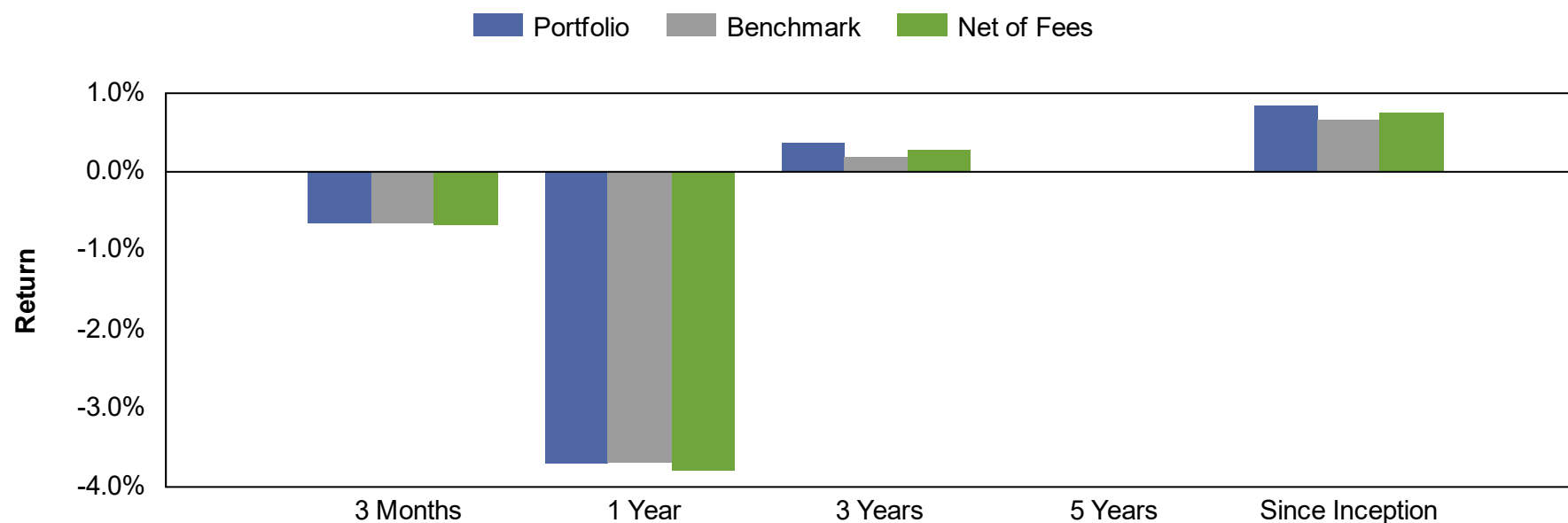
Security Type / Issuer	Market Value (%)	S&P / Moody's / Fitch
U.S. Treasury	60.4%	
UNITED STATES TREASURY	60.4%	AA / Aaa / AAA
Federal Agency	18.0%	
FANNIE MAE	8.9%	AA / Aaa / AAA
FEDERAL FARM CREDIT BANKS	2.2%	AA / Aaa / AAA
FEDERAL HOME LOAN BANKS	1.8%	AA / Aaa / NR
FREDDIE MAC	5.1%	AA / Aaa / AAA
Supranational	1.1%	
INTER-AMERICAN DEVELOPMENT BANK	1.1%	AAA / Aaa / AAA
Negotiable CD	2.8%	
BARCLAYS PLC	1.0%	A / Aa / A
CREDIT SUISSE GROUP RK	0.6%	A / Aa / A
DNB ASA	0.6%	AA / Aa / NR
SUMITOMO MITSUI FINANCIAL GROUP INC	0.6%	A / Aa / A
Commercial Paper	3.1%	
MANHATTAN ASSET FUNDING CO LLC	1.7%	A / Aa / NR
MITSUBISHI UFJ FINANCIAL GROUP INC	1.4%	A / Aa / A
Corporate	12.7%	
AMAZON.COM INC	0.9%	AA / A / AA
AMERICAN HONDA FINANCE	0.6%	A / A / A
APPLE INC	0.4%	AA / Aaa / NR
BANK OF AMERICA CO	1.5%	A / A / AA
BRISTOL-MYERS SQUIBB CO	0.3%	A / A / NR
CITIGROUP INC	0.4%	BBB / A / A
DEERE & COMPANY	0.7%	A / A / A
EXXON MOBIL CORP	1.4%	AA / Aa / NR
GOLDMAN SACHS GROUP INC	0.5%	BBB / A / A

Security Type / Issuer	Market Value (%)	S&P / Moody's / Fitch
Corporate	12.7%	
JP MORGAN CHASE & CO	1.0%	A / A / AA
MICROSOFT CORP	1.0%	AAA / Aaa / AAA
MORGAN STANLEY	0.4%	A / A / A
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
WAL-MART STORES INC	1.3%	AA / Aa / AA
ABS	2.0%	
CARMAX AUTO OWNER TRUST	0.5%	AAA / NR / AAA
DISCOVER FINANCIAL SERVICES	0.2%	AAA / Aaa / NR
HONDA AUTO RECEIVABLES	0.4%	NR / Aaa / AAA
HYUNDAI AUTO RECEIVABLES	0.3%	AAA / NR / AAA
TOYOTA MOTOR CORP	0.5%	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 Review

Portfolio Performance



Market Value Basis Earnings	3 Months	1 Year	3 Years	5 Years	Since Inception ¹
Interest Earned ²	\$216,432	\$800,432	\$2,748,496	-	\$3,025,371
Change in Market Value	(\$690,204)	(\$3,521,061)	(\$2,625,666)	-	(\$1,979,424)
Total Dollar Return	(\$473,772)	(\$2,720,629)	\$122,830	-	\$1,045,947
Total Return³					
Portfolio	-0.65%	-3.72%	0.37%	0.00%	0.84%
Benchmark ⁴	-0.65%	-3.68%	0.19%	0.00%	0.66%
Basis Point Fee	0.02%	0.09%	0.09%	-	0.09%
Net of Fee Return	-0.67%	-3.80%	0.29%	-	0.75%

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.

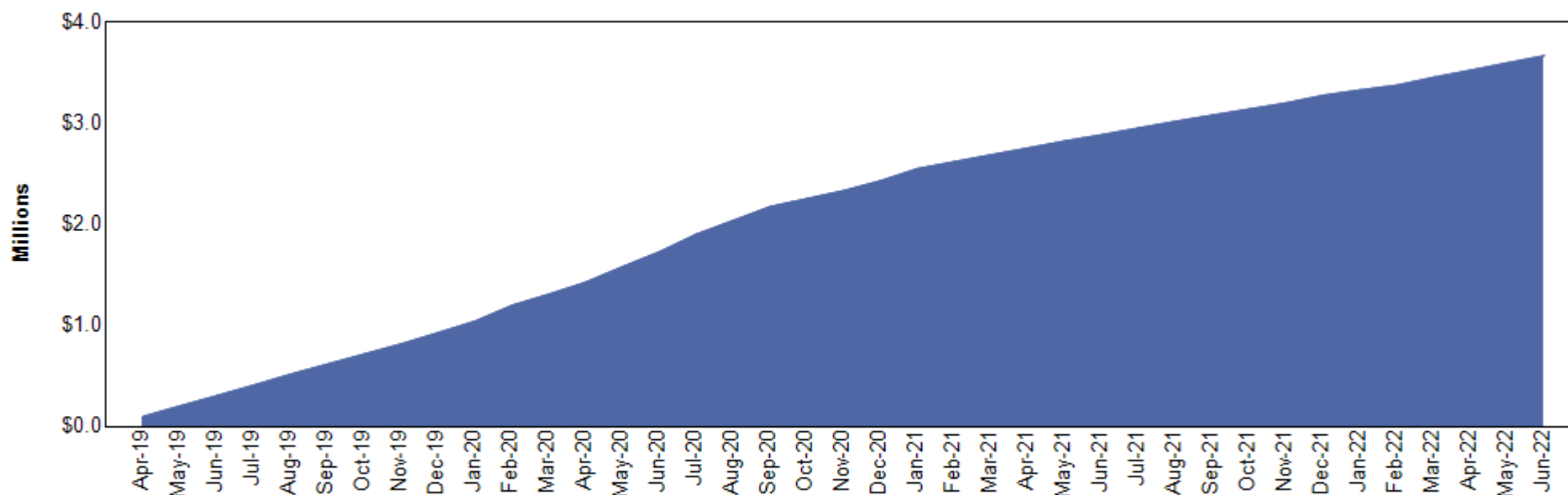
3. Returns for periods one year or less are presented on a periodic basis. Returns for periods greater than one year are presented on an annualized basis.

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

Periodic Performance

Periodic Performance				
	Current Quarter	Q1 2022	Q4 2021	Since Inception 3/31/2019
Net Accrual Earnings	\$216,432	\$220,951	\$179,379	\$3,025,371
Change in Market Value	-\$690,204	-\$2,151,963	-\$520,272	-\$1,979,424
Total Dollar Return	-\$473,772	-\$1,931,012	-\$340,893	\$1,045,947
Fees	\$15,590	\$15,434	\$12,742	\$170,241
Fees in Basis Points*	0.02%	0.02%	0.02%	0.09%
Net of Fees Return	-0.67%	-2.59%	-0.59%	0.75%

Accrual Basis Earnings - UNION SANITARY DISTRICT



Accrual Basis Earnings	3 Months	1 Year	3 Years	5 Year	Since Inception ¹
Interest Earned ²	\$216,432	\$800,432	\$2,748,496	-	\$3,025,371
Realized Gains / (Losses) ³	-	(\$13,505)	\$558,795	-	\$559,900
Change in Amortized Cost	(\$2,221)	(\$3,959)	\$55,512	-	\$81,902
Total Earnings	\$214,211	\$782,968	\$3,362,802	-	\$3,667,172

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.

Issuer Distribution As of June 30, 2022

Issuer	Market Value (\$)	% of Portfolio
UNITED STATES TREASURY	43,585,871	60.44%
FANNIE MAE	6,435,683	8.93%
FREDDIE MAC	3,687,297	5.12%
FEDERAL FARM CREDIT BANKS	1,572,774	2.18%
FEDERAL HOME LOAN BANKS	1,291,077	1.79%
MANHATTAN ASSET FUNDING CO LLC	1,229,711	1.70%
BANK OF AMERICA CO	1,071,790	1.49%
MITSUBISHI UFJ FINANCIAL GROUP INC	1,024,396	1.42%
EXXON MOBIL CORP	983,813	1.36%
WAL-MART STORES INC	962,224	1.33%
TOYOTA MOTOR CORP	795,066	1.10%
INTER-AMERICAN DEVELOPMENT BANK	775,210	1.07%
JP MORGAN CHASE & CO	739,579	1.03%
BARCLAYS PLC	733,862	1.02%
MICROSOFT CORP	703,389	0.98%
THE BANK OF NEW YORK MELLON CORPORATION	683,736	0.95%
AMAZON.COM INC	672,920	0.93%
DEERE & COMPANY	535,009	0.74%
TARGET CORP	513,862	0.71%
SUMITOMO MITSUI FINANCIAL GROUP INC	434,906	0.60%
DNB ASA	428,806	0.59%
CREDIT SUISSE GROUP RK	426,531	0.59%
AMERICAN HONDA FINANCE	410,549	0.57%
GOLDMAN SACHS GROUP INC	375,239	0.52%

UNION SANITARY DISTRICT

Portfolio Composition

Issuer	Market Value (\$)	% of Portfolio
CARMAX AUTO OWNER TRUST	370,277	0.51%
APPLE INC	319,036	0.44%
HONDA AUTO RECEIVABLES	301,784	0.42%
MORGAN STANLEY	268,166	0.37%
CITIGROUP INC	262,241	0.36%
HYUNDAI AUTO RECEIVABLES	206,854	0.29%
BRISTOL-MYERS SQUIBB CO	183,045	0.25%
DISCOVER FINANCIAL SERVICES	145,189	0.20%
Grand Total	72,129,890	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 07/31/2017 1.875% 07/31/2022	9128282P4	290,000.00	AA+	Aaa	5/25/2022	5/31/2022	290,419.14	1.01	2,268.13	290,206.13	290,045.30
US TREASURY NOTES DTD 09/30/2015 1.750% 09/30/2022	912828L57	255,000.00	AA+	Aaa	3/19/2019	3/20/2019	249,202.74	2.43	1,121.72	254,591.05	254,920.31
US TREASURY NOTES DTD 11/30/2015 2.000% 11/30/2022	912828M80	2,455,000.00	AA+	Aaa	12/21/202	12/21/202	2,493,934.77	0.31	4,158.74	2,472,203.74	2,451,164.06
US TREASURY NOTES DTD 12/31/2020 0.125% 12/31/2022	91282CBD2	1,010,000.00	AA+	Aaa	10/25/202	10/26/202	1,009,132.03	0.20	3.43	1,009,631.47	997,848.49
US TREASURY NOTES DTD 12/31/2015 2.125% 12/31/2022	912828N30	1,170,000.00	AA+	Aaa	3/19/2019	3/20/2019	1,157,340.24	2.43	67.56	1,168,323.64	1,167,440.63
US TREASURY NOTES DTD 03/31/2016 1.500% 03/31/2023	912828Q29	175,000.00	AA+	Aaa	3/19/2019	3/20/2019	168,799.81	2.43	659.84	173,850.10	173,304.69
US TREASURY NOTES DTD 07/02/2018 2.625% 06/30/2023	9128284U1	2,395,000.00	AA+	Aaa	12/21/202	12/21/202	2,470,779.30	0.54	170.84	2,444,610.91	2,388,264.06
US TREASURY NOTES DTD 06/30/2016 1.375% 06/30/2023	912828S35	1,385,000.00	AA+	Aaa	3/19/2019	3/20/2019	1,325,866.99	2.43	51.75	1,371,228.78	1,364,008.66
US TREASURY NOTES DTD 08/01/2016 1.250% 07/31/2023	912828S92	1,035,000.00	AA+	Aaa	4/1/2019	4/2/2019	990,365.62	2.30	5,396.58	1,023,848.46	1,016,402.29
US TREASURY NOTES DTD 09/15/2020 0.125% 09/15/2023	91282CAK7	1,100,000.00	AA+	Aaa	6/29/2022	6/30/2022	1,062,703.13	3.00	403.53	1,062,787.51	1,063,046.82
US TREASURY NOTES DTD 09/30/2016 1.375% 09/30/2023	912828T26	1,545,000.00	AA+	Aaa	3/19/2019	3/20/2019	1,475,112.89	2.44	5,339.96	1,525,744.10	1,514,582.81
US TREASURY N/B NOTES DTD 11/30/2021 0.500% 11/30/2023	91282CDM0	2,505,000.00	AA+	Aaa	12/21/202	12/21/202	2,496,878.32	0.67	1,060.86	2,499,077.70	2,419,673.44
US TREASURY NOTES DTD 01/03/2017 2.250% 12/31/2023	912828V23	2,000,000.00	AA+	Aaa	3/19/2019	3/20/2019	1,982,968.75	2.44	122.28	1,994,657.63	1,978,125.00
US TREASURY NOTES DTD 02/28/2017 2.125% 02/29/2024	912828W48	2,000,000.00	AA+	Aaa	3/19/2019	3/20/2019	1,970,625.00	2.44	14,205.16	1,990,116.21	1,972,500.00
US TREASURY NOTES DTD 03/31/2017 2.125% 03/31/2024	912828W71	730,000.00	AA+	Aaa	3/2/2020	3/2/2020	767,412.50	0.84	3,899.32	746,044.69	719,164.03

UNION SANITARY DISTRICT

Portfolio Holdings

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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	1,988.04	591,120.39	579,582.84
US TREASURY N/B NOTES DTD 05/15/2021 0.250% 05/15/2024	91282CCC3	2,530,000.00	AA+	Aaa	12/21/202	12/21/202	2,496,101.95	0.81	807.81	2,503,531.66	2,404,290.63
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	19.29	356,465.17	348,232.81
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	151.63	61,631.93	57,956.25
US TREASURY N/B NOTES DTD 12/15/2021 1.000% 12/15/2024	91282CDN8	2,495,000.00	AA+	Aaa	12/21/202	12/21/202	2,498,216.21	0.96	1,090.71	2,497,649.68	2,375,707.81
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	215.98	1,009,585.79	941,109.32
US TREASURY NOTES DTD 05/31/2020 0.250% 05/31/2025	912828ZT0	2,570,000.00	AA+	Aaa	12/21/202	12/21/202	2,499,525.78	1.06	544.20	2,510,290.34	2,371,226.44
US TREASURY N/B 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	1,087.16	850,183.38	861,485.94
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	417.80	495,677.63	457,734.40
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	342.59	404,840.20	375,342.21
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	666.12	1,045,739.43	968,078.07
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	233.76	544,922.92	505,657.06
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	323.97	998,245.31	931,546.82
US TREASURY NOTES DTD 11/30/2020 0.375% 11/30/2025	91282CAZ4	2,575,000.00	AA+	Aaa	12/21/202	12/21/202	2,498,856.45	1.14	817.88	2,509,008.92	2,351,699.09
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	6.12	592,730.82	546,656.28
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	5.45	525,616.22	487,435.18
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	1.40	135,219.51	124,819.85

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U.S. Treasury											
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	7.70	753,471.07	687,875.82
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	907.25	531,441.23	527,256.25
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	7,828.95	769,761.35	704,610.19
US TREASURY NOTES DTD 01/31/2021 0.375% 01/31/2026	91282CBH3	590,000.00	AA+	Aaa	7/2/2021	7/7/2021	578,660.94	0.80	922.89	581,099.96	536,346.88
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	1,564.23	905,345.70	909,062.50
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	2,105.71	1,247,487.25	1,148,175.00
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	1,738.04	1,015,708.67	947,700.00
US TREASURY N/B 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	309.58	244,523.42	224,557.81
US TREASURY NOTES DTD 05/16/2016 1.625% 05/15/2026	912828R36	518,000.00	AA+	Aaa	12/21/202	12/21/202	527,429.22	1.20	1,075.06	526,301.94	490,805.00
US TREASURY N/B 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	250.92	394,020.70	361,363.30
US TREASURY N/B 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	1,418.65	590,855.34	589,066.37
Security Type Sub-Total		45,670,000.00					45,065,531.94	1.36	65,778.59	45,219,398.05	43,585,870.71
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	1,116.11	819,548.78	775,209.96
Security Type Sub-Total		820,000.00					819,393.20	0.52	1,116.11	819,548.78	775,209.96

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Negotiable CD											
SUMITOMO MITSUI BANK NY CERT DEPOS DTD 07/14/2020 0.700% 07/08/2022	86565CKU2	435,000.00	A-1	P-1	7/10/2020	7/14/2020	435,000.00	0.70	1,454.83	435,000.00	434,905.61
DNB BANK ASA/NY LT CD DTD 12/06/2019 2.040% 12/02/2022	23341VZT1	430,000.00	A-1+	P-1	12/5/2019	12/6/2019	430,000.00	2.03	706.63	430,000.00	428,805.89
BARCLAYS BANK PLC NY CERT DEPOS DTD 02/03/2022 1.050% 02/01/2023	06742TG34	745,000.00	A-1	P-1	2/2/2022	2/3/2022	745,000.00	1.05	3,215.92	745,000.00	733,861.54
CREDIT SUISSE NEW YORK CERT DEPOS DTD 03/23/2021 0.590% 03/17/2023	22552G3C2	435,000.00	A-1	P-1	3/19/2021	3/23/2021	435,000.00	0.59	755.69	435,000.00	426,530.99
Security Type Sub-Total		2,045,000.00					2,045,000.00	1.09	6,133.07	2,045,000.00	2,024,104.03
Federal Agency											
FEDERAL HOME LOAN BANKS NOTES DTD 02/21/2020 1.375% 02/17/2023	3130AJ7E3	775,000.00	AA+	Aaa	2/20/2020	2/21/2020	773,574.00	1.44	3,966.49	774,698.35	769,506.03
FREDDIE MAC NOTES DTD 05/07/2020 0.375% 05/05/2023	3137EAER6	220,000.00	AA+	Aaa	5/29/2020	5/29/2020	220,305.80	0.33	128.33	220,087.94	215,633.22
FANNIE MAE NOTES DTD 05/22/2020 0.250% 05/22/2023	3135G04Q3	865,000.00	AA+	Aaa	5/20/2020	5/22/2020	862,396.35	0.35	234.27	864,227.23	845,640.44
FREDDIE MAC NOTES DTD 06/26/2020 0.250% 06/26/2023	3137EAES4	780,000.00	AA+	Aaa	6/24/2020	6/26/2020	777,722.40	0.35	27.08	779,251.20	760,055.40
FANNIE MAE NOTES DTD 07/10/2020 0.250% 07/10/2023	3135G05G4	795,000.00	AA+	Aaa	7/8/2020	7/10/2020	793,290.75	0.32	944.06	794,416.20	773,659.02
FREDDIE MAC NOTES DTD 08/21/2020 0.250% 08/24/2023	3137EAEV7	520,000.00	AA+	Aaa	8/19/2020	8/21/2020	519,469.60	0.28	458.61	519,797.60	504,232.56
FEDERAL FARM CREDIT BANK (CALLABLE) DTD 09/21/2020 0.250% 09/21/2023	3133EMAM4	1,625,000.00	AA+	Aaa	10/7/2020	10/9/2020	1,622,237.50	0.31	1,128.47	1,623,853.45	1,572,774.13
FANNIE MAE NOTES (CALLABLE) DTD 10/26/2020 0.310% 01/26/2024	3136G46V0	259,000.00	AA+	Aaa	10/23/202	10/26/202	258,896.40	0.32	345.69	258,949.90	248,326.87
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	5,994.38	1,034,582.09	993,985.02

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Federal Agency											
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	598.89	558,449.78	521,570.56
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	149.74	124,866.82	116,645.50
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	545.05	454,472.77	424,589.62
FANNIE MAE NOTES DTD 06/19/2020 0.500% 06/17/2025	3135G04Z3	1,010,000.00	AA+	Aaa	10/26/202	10/28/202	1,011,494.80	0.47	196.39	1,010,955.33	935,179.20
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	168.19	863,937.84	800,920.80
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	875.00	523,400.34	483,748.13
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	1,902.78	998,995.59	921,885.00
FANNIE MAE NOTES DTD 08/27/2020 0.375% 08/25/2025	3135G05X7	415,000.00	AA+	Aaa	10/21/202	10/22/202	412,754.85	0.49	544.69	413,538.37	381,431.06
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	728.44	553,360.96	510,106.61
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	811.56	793,451.93	729,643.05
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	390.00	518,747.69	477,298.64
Security Type Sub-Total		13,699,000.00					13,669,537.35	0.58	20,138.11	13,684,041.38	12,986,830.86
Corporate											
AMAZON.COM INC BONDS DTD 06/06/2018 2.400% 02/22/2023	023135AW6	675,000.00	AA	A1	4/11/2019	4/15/2019	668,499.75	2.66	5,805.00	673,911.24	672,919.65
EXXON MOBIL CORPORATION CORP NOTES DTD 03/03/2016 2.726% 03/01/2023	30231GAR3	985,000.00	AA-	Aa2	6/13/2019	6/14/2019	1,001,400.25	2.26	8,950.37	987,938.98	983,813.08
WAL MART STORES INC GLOBAL NT (CALLABLE) DTD 04/11/2013 2.550% 04/11/2023	931142DH3	965,000.00	AA	Aa2	5/21/2020	5/26/2020	1,015,701.10	0.70	5,468.33	975,245.85	962,223.70

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Corporate											
AMERICAN HONDA FINANCE DTD 01/10/2020 1.950% 05/10/2023	02665WDH1	415,000.00	A-	A3	1/7/2020	1/10/2020	414,846.45	1.96	1,146.44	414,960.48	410,549.13
APPLE INC CORPORATE NOTES DTD 05/11/2020 0.750% 05/11/2023	037833DV9	325,000.00	AA+	Aaa	5/4/2020	5/11/2020	324,116.00	0.84	338.54	324,746.51	319,035.93
JPMORGAN CHASE & CO (CALLABLE) CORP NOTE DTD 05/18/2016 2.700% 05/18/2023	46625HRL6	525,000.00	A-	A2	3/20/2019	3/22/2019	517,970.25	3.04	1,693.13	523,513.47	522,419.63
BANK OF AMERICA CORP NOTES DTD 07/23/2013 4.100% 07/24/2023	06053FAA7	500,000.00	A-	A2	3/20/2019	3/22/2019	520,405.00	3.09	8,940.28	504,995.04	504,731.00
MORGAN STANLEY CORP NOTES (CALLABLE) DTD 04/22/2021 0.731% 04/05/2024	61772BAA1	205,000.00	A-	A1	4/20/2021	4/22/2021	205,258.30	0.69	357.99	205,100.71	199,905.34
MORGAN STANLEY CORP NOTES (CALLABLE) DTD 04/22/2021 0.731% 04/05/2024	61772BAA1	70,000.00	A-	A1	4/19/2021	4/22/2021	70,000.00	0.73	122.24	70,000.00	68,260.36
JPMORGAN CHASE & CO CORPORATE NOTES (CAL DTD 09/16/2020 0.653% 09/16/2024	46647PBS4	110,000.00	A-	A2	9/9/2020	9/16/2020	110,000.00	0.65	209.50	110,000.00	105,711.65
JOHN DEERE CAPITAL CORP CORPORATE NOTES DTD 01/10/2022 1.250% 01/10/2025	24422EVY2	565,000.00	A	A2	3/8/2022	3/10/2022	550,728.10	2.17	3,354.69	552,283.28	535,008.67
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	1,242.00	180,977.23	171,588.42
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	1,725.00	251,357.26	238,317.25
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	220.72	135,000.00	126,437.49
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	237.08	145,235.54	135,803.23
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	1,543.75	409,371.73	375,238.98

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Corporate											
JPMORGAN CHASE & CO CORPORATE NOTES DTD 08/10/2021 0.768% 08/09/2025	46647PCM6	120,000.00	A-	A2	8/3/2021	8/10/2021	120,000.00	0.77	363.52	120,000.00	111,447.72
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	201.00	199,465.50	183,045.07
BANK OF AMERICA CORP NOTES (CALLABLE) DTD 03/22/2022 3.384% 04/02/2026	06051GKM0	585,000.00	A-	A2	3/17/2022	3/22/2022	585,000.00	3.38	5,444.01	585,000.00	567,059.22
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	6,959.33	737,430.30	703,388.58
TARGET CORP CORPORATE NOTES 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	3,869.39	454,745.60	421,274.04
TARGET CORP CORPORATE NOTES 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	850.42	99,844.78	92,587.70
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	6,575.66	747,192.86	683,736.42
Security Type Sub-Total		9,366,000.00					9,482,084.04	1.94	65,618.39	9,408,316.36	9,094,502.26
Commercial Paper											
MANHATTAN ASSET FDG CO COMM PAPER DTD 03/08/2022 0.000% 07/05/2022	56274MG55	1,230,000.00	A-1	P-1	4/4/2022	4/5/2022	1,227,512.67	0.80	0.00	1,229,890.67	1,229,710.95
MUFG BANK LTD/NY COMM PAPER DTD 06/29/2022 0.000% 09/27/2022	62479MJT1	1,030,000.00	A-1	P-1	6/29/2022	6/30/2022	1,024,270.63	2.26	0.00	1,024,335.00	1,024,395.77
Security Type Sub-Total		2,260,000.00					2,251,783.30	1.47	0.00	2,254,225.67	2,254,106.72

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ABS											
HAROT 2020-1 A3 DTD 02/26/2020 1.610% 04/22/2024	43813RAC1	156,173.11	NR	Aaa	2/19/2020	2/26/2020	156,142.50	1.61	69.84	156,159.77	155,301.79
TAOT 2020-A A3 DTD 02/12/2020 1.660% 05/15/2024	89232HAC9	200,546.03	AAA	Aaa	2/4/2020	2/12/2020	200,531.55	1.66	147.96	200,539.66	199,433.48
CARMX 2020-1 A3 DTD 01/22/2020 1.890% 12/16/2024	14315XAC2	108,526.56	AAA	NR	1/14/2020	1/22/2020	108,505.26	1.89	91.16	108,515.86	107,806.64
HAROT 2021-1 A3 DTD 02/24/2021 0.270% 04/21/2025	43813GAC5	150,000.00	NR	Aaa	2/17/2021	2/24/2021	149,997.26	0.27	11.25	149,998.15	146,482.58
HART 2021-A A3 DTD 04/28/2021 0.380% 09/15/2025	44933LAC7	120,000.00	AAA	NR	4/20/2021	4/28/2021	119,987.38	0.38	20.27	119,990.76	116,222.62
CARMX 2021-1 A3 DTD 01/27/2021 0.340% 12/15/2025	14316NAC3	90,000.00	AAA	NR	1/20/2021	1/27/2021	89,982.22	0.34	13.60	89,987.41	87,732.45
TAOT 2021-C A3 DTD 09/27/2021 0.430% 01/15/2026	89239BAC5	195,000.00	AAA	Aaa	9/21/2021	9/27/2021	194,984.46	0.43	37.27	194,987.20	185,727.13
CARMX 2021-2 A3 DTD 04/21/2021 0.520% 02/17/2026	14314QAC8	180,000.00	AAA	NR	4/13/2021	4/21/2021	179,961.21	0.52	41.60	179,970.80	174,737.79
HART 2021-C A3 DTD 11/17/2021 0.740% 05/15/2026	44935FAD6	95,000.00	AAA	NR	11/9/2021	11/17/2021	94,978.80	0.75	31.24	94,981.72	90,631.45
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	154,971.88	145,189.49
Security Type Sub-Total		1,450,245.70					1,450,037.45	0.87	504.15	1,450,103.21	1,409,265.42
Managed Account Sub Total		75,310,245.70					74,783,367.28	1.27	159,288.42	74,880,633.45	72,129,889.96
Securities Sub Total		\$75,310,245.70					\$74,783,367.28	1.27%	\$159,288.42	\$74,880,633.45	\$72,129,889.96
Accrued Interest											\$159,288.42
Total Investments											\$72,289,178.38

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
BUY									
4/1/2022	4/1/2022	1,000,000.00	912828XG0	US TREASURY NOTES	2.12%	6/30/2022	1,009,287.16	0.53%	
4/4/2022	4/5/2022	1,230,000.00	56274MG55	MANHATTAN ASSET FDG CO COMM PAPER	0.00%	7/5/2022	1,227,512.67	0.80%	
5/9/2022	5/10/2022	645,000.00	91282CCZ2	US TREASURY N/B NOTES	0.87%	9/30/2026	589,658.01	3.00%	
5/19/2022	5/20/2022	580,000.00	91282CBH3	US TREASURY NOTES	0.37%	1/31/2026	530,539.28	2.85%	
5/25/2022	5/31/2022	290,000.00	9128282P4	US TREASURY NOTES	1.87%	7/31/2022	292,221.63	1.01%	
6/15/2022	6/15/2022	865,000.00	91282CEU1	US TREASURY N/B NOTES	2.87%	6/15/2025	849,963.87	3.49%	
6/29/2022	6/30/2022	1,100,000.00	91282CAK7	US TREASURY NOTES	0.12%	9/15/2023	1,063,102.93	3.00%	
6/29/2022	6/30/2022	1,000,000.00	91282CBH3	US TREASURY NOTES	0.37%	1/31/2026	906,827.31	3.19%	
6/29/2022	6/30/2022	1,030,000.00	62479MJT1	MUFG BANK LTD/NY COMM PAPER	0.00%	9/27/2022	1,024,270.63	2.26%	
Total BUY		7,740,000.00					7,493,383.49		0.00
INTEREST									
4/5/2022	4/5/2022	275,000.00	61772BAA1	MORGAN STANLEY CORP NOTES (CALLABLE)	0.73%	4/5/2024	1,005.13		
4/11/2022	4/11/2022	965,000.00	931142DH3	WAL MART STORES INC GLOBAL NT (CALLABLE)	2.55%	4/11/2023	12,303.75		
4/14/2022	4/14/2022	560,000.00	3130AJHU6	FEDERAL HOME LOAN BANK NOTES	0.50%	4/14/2025	1,400.00		
4/15/2022	4/15/2022	120,000.00	44933LAC7	HART 2021-A A3	0.38%	9/15/2025	38.00		
4/15/2022	4/15/2022	180,000.00	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	78.00		
4/15/2022	4/15/2022	138,340.58	14315XAC2	CARMX 2020-1 A3	1.89%	12/16/2024	217.89		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
4/15/2022	4/15/2022	90,000.00	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	25.50		
4/15/2022	4/15/2022	95,000.00	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	58.58		
4/15/2022	4/15/2022	275,434.96	89232HAC9	TAOT 2020-A A3	1.66%	5/15/2024	381.02		
4/15/2022	4/15/2022	195,000.00	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	69.88		
4/15/2022	4/15/2022	155,000.00	254683CP8	DCENT 2021-A1 A1	0.58%	9/15/2026	74.92		
4/21/2022	4/21/2022	208,665.68	43813RAC1	HAROT 2020-1 A3	1.61%	4/22/2024	279.96		
4/21/2022	4/21/2022	150,000.00	43813GAC5	HAROT 2021-1 A3	0.27%	4/21/2025	33.75		
4/22/2022	4/22/2022	580,000.00	3135G03U5	FANNIE MAE NOTES	0.62%	4/22/2025	1,812.50		
4/30/2022	4/30/2022	60,000.00	912828YM6	US TREASURY NOTES	1.50%	10/31/2024	450.00		
4/30/2022	4/30/2022	555,000.00	91282CAT8	US TREASURY NOTES	0.25%	10/31/2025	693.75		
4/30/2022	4/30/2022	590,000.00	912828X70	US TREASURY NOTES	2.00%	4/30/2024	5,900.00		
4/30/2022	4/30/2022	245,000.00	91282CBW0	US TREASURY N/B NOTES	0.75%	4/30/2026	918.75		
5/1/2022	5/1/2022	280,000.00	172967MX6	CITIGROUP INC (CALLABLE) CORPORATE NOTES	0.98%	5/1/2025	1,373.40		
5/5/2022	5/5/2022	220,000.00	3137EAER6	FREDDIE MAC NOTES	0.37%	5/5/2023	412.50		
5/7/2022	5/7/2022	520,000.00	3135G06G3	FANNIE MAE NOTES	0.50%	11/7/2025	1,300.00		
5/10/2022	5/10/2022	415,000.00	02665WDH1	AMERICAN HONDA FINANCE	1.95%	5/10/2023	4,046.25		
5/11/2022	5/11/2022	325,000.00	037833DV9	APPLE INC CORPORATE NOTES	0.75%	5/11/2023	1,218.75		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
5/13/2022	5/13/2022	201,000.00	110122DN5	BRISTOL-MYERS SQUIBB CO CORPORATE NOTES	0.75%	11/13/2025	753.75		
5/15/2022	5/15/2022	127,170.08	14315XAC2	CARMX 2020-1 A3	1.89%	12/16/2024	200.29		
5/15/2022	5/15/2022	2,530,000.00	91282CCC3	US TREASURY N/B NOTES	0.25%	5/15/2024	3,162.50		
5/15/2022	5/15/2022	518,000.00	912828R36	US TREASURY NOTES	1.62%	5/15/2026	4,208.75		
5/15/2022	5/15/2022	155,000.00	254683CP8	DCENT 2021-A1 A1	0.58%	9/15/2026	74.92		
5/15/2022	5/15/2022	95,000.00	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	58.58		
5/15/2022	5/15/2022	247,467.41	89232HAC9	TAOT 2020-A A3	1.66%	5/15/2024	342.33		
5/15/2022	5/15/2022	180,000.00	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	78.00		
5/15/2022	5/15/2022	195,000.00	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	69.88		
5/15/2022	5/15/2022	90,000.00	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	25.50		
5/15/2022	5/15/2022	120,000.00	44933LAC7	HART 2021-A A3	0.38%	9/15/2025	38.00		
5/18/2022	5/18/2022	525,000.00	46625HRL6	JPMORGAN CHASE & CO (CALLABLE) CORP NOTE	2.70%	5/18/2023	7,087.50		
5/21/2022	5/21/2022	150,000.00	43813GAC5	HAROT 2021-1 A3	0.27%	4/21/2025	33.75		
5/21/2022	5/21/2022	189,315.67	43813RAC1	HAROT 2020-1 A3	1.61%	4/22/2024	254.00		
5/22/2022	5/22/2022	865,000.00	3135G04Q3	FANNIE MAE NOTES	0.25%	5/22/2023	1,081.25		
5/22/2022	5/22/2022	380,000.00	38148LAE6	GOLDMAN SACHS GROUP INC CORPORATE NOTES	3.75%	5/22/2025	7,125.00		
5/31/2022	5/31/2022	2,455,000.00	912828M80	US TREASURY NOTES	2.00%	11/30/2022	24,550.00		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
5/31/2022	5/31/2022	3,595,000.00	91282CAZ4	US TREASURY NOTES	0.37%	11/30/2025	6,740.63		
5/31/2022	5/31/2022	395,000.00	91282CCF6	US TREASURY N/B NOTES	0.75%	5/31/2026	1,481.25		
5/31/2022	5/31/2022	2,505,000.00	91282CDM0	US TREASURY N/B NOTES	0.50%	11/30/2023	6,262.50		
5/31/2022	5/31/2022	3,590,000.00	912828ZT0	US TREASURY NOTES	0.25%	5/31/2025	4,487.50		
6/2/2022	6/2/2022	430,000.00	23341VZT1	DNB BANK ASA/NY LT CD	2.04%	12/2/2022	4,434.73		
6/15/2022	6/15/2022	120,000.00	44933LAC7	HART 2021-A A3	0.38%	9/15/2025	38.00		
6/15/2022	6/15/2022	223,814.57	89232HAC9	TAOT 2020-A A3	1.66%	5/15/2024	309.61		
6/15/2022	6/15/2022	2,495,000.00	91282CDN8	US TREASURY N/B NOTES	1.00%	12/15/2024	12,475.00		
6/15/2022	6/15/2022	90,000.00	14316NAC3	CARMX 2021-1 A3	0.34%	12/15/2025	25.50		
6/15/2022	6/15/2022	95,000.00	44935FAD6	HART 2021-C A3	0.74%	5/15/2026	58.58		
6/15/2022	6/15/2022	155,000.00	254683CP8	DCENT 2021-A1 A1	0.58%	9/15/2026	74.92		
6/15/2022	6/15/2022	180,000.00	14314QAC8	CARMX 2021-2 A3	0.52%	2/17/2026	78.00		
6/15/2022	6/15/2022	195,000.00	89239BAC5	TAOT 2021-C A3	0.43%	1/15/2026	69.88		
6/15/2022	6/15/2022	117,929.03	14315XAC2	CARMX 2020-1 A3	1.89%	12/16/2024	185.74		
6/17/2022	6/17/2022	1,875,000.00	3135G04Z3	FANNIE MAE NOTES	0.50%	6/17/2025	4,687.50		
6/21/2022	6/21/2022	172,293.47	43813RAC1	HAROT 2020-1 A3	1.61%	4/22/2024	231.16		
6/21/2022	6/21/2022	150,000.00	43813GAC5	HAROT 2021-1 A3	0.27%	4/21/2025	33.75		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
INTEREST									
6/26/2022	6/26/2022	780,000.00	3137EAES4	FREDDIE MAC NOTES	0.25%	6/26/2023	975.00		
6/30/2022	6/30/2022	1,385,000.00	912828S35	US TREASURY NOTES	1.37%	6/30/2023	9,521.88		
6/30/2022	6/30/2022	2,000,000.00	912828V23	US TREASURY NOTES	2.25%	12/31/2023	22,500.00		
6/30/2022	6/30/2022	2,027,000.00	91282CBC4	US TREASURY NOTES	0.37%	12/31/2025	3,800.63		
6/30/2022	6/30/2022	1,010,000.00	91282CBD2	US TREASURY NOTES	0.12%	12/31/2022	631.25		
6/30/2022	6/30/2022	2,395,000.00	9128284U1	US TREASURY NOTES	2.62%	6/30/2023	31,434.38		
6/30/2022	6/30/2022	355,000.00	912828XX3	US TREASURY NOTES	2.00%	6/30/2024	3,550.00		
6/30/2022	6/30/2022	1,170,000.00	912828N30	US TREASURY NOTES	2.12%	12/31/2022	12,431.25		
Total INTEREST		43,726,431.45					209,754.92		0.00
MATURITY									
4/1/2022	4/1/2022	1,000,000.00	13063DAD0	CA ST TXBL GO BONDS	2.36%	4/1/2022	1,011,835.00		
4/5/2022	4/5/2022	247,000.00	02587DN38	AMERICAN EXPRESS CREDIT CD	2.45%	4/5/2022	250,017.46		
4/5/2022	4/5/2022	970,000.00	3135G0T45	FANNIE MAE NOTES	1.87%	4/5/2022	979,093.75		
5/10/2022	5/10/2022	580,000.00	69371RP83	PACCAR FINANCIAL CORP CORP NOTES	2.65%	5/10/2022	587,685.00		
5/20/2022	5/20/2022	525,000.00	05531FBG7	BRANCH B&T CORP NOTES (CALLED, OMD 6/20/	3.05%	5/20/2022	531,671.87		
5/31/2022	5/31/2022	248,000.00	912828XR6	US TREASURY NOTES	1.75%	5/31/2022	250,170.00		
6/15/2022	6/15/2022	250,000.00	9128286Y1	US TREASURY NOTES	1.75%	6/15/2022	252,187.50		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
MATURITY									
6/15/2022	6/15/2022	580,000.00	9128286Y1	US TREASURY NOTES	1.75%	6/15/2022	585,075.00		
6/30/2022	6/30/2022	1,000,000.00	912828XG0	US TREASURY NOTES	2.12%	6/30/2022	1,010,625.00		
6/30/2022	6/30/2022	1,020,000.00	912828XW5	US TREASURY NOTES	1.75%	6/30/2022	1,028,925.00		
6/30/2022	6/30/2022	615,000.00	912828XG0	US TREASURY NOTES	2.12%	6/30/2022	621,534.38		
6/30/2022	6/30/2022	250,000.00	912828ZX1	US TREASURY NOTES	0.12%	6/30/2022	250,156.25		
Total MATURITY		7,285,000.00					7,358,976.21		0.00
PAYDOWNS									
4/15/2022	4/15/2022	11,170.50	14315XAC2	CARMX 2020-1 A3	1.89%	12/16/2024	11,170.50		
4/15/2022	4/15/2022	27,967.55	89232HAC9	TAOT 2020-A A3	1.66%	5/15/2024	27,967.55		
4/21/2022	4/21/2022	19,350.01	43813RAC1	HAROT 2020-1 A3	1.61%	4/22/2024	19,350.01		
5/15/2022	5/15/2022	23,652.84	89232HAC9	TAOT 2020-A A3	1.66%	5/15/2024	23,652.84		
5/15/2022	5/15/2022	9,241.05	14315XAC2	CARMX 2020-1 A3	1.89%	12/16/2024	9,241.05		
5/21/2022	5/21/2022	17,022.20	43813RAC1	HAROT 2020-1 A3	1.61%	4/22/2024	17,022.20		
6/15/2022	6/15/2022	23,268.54	89232HAC9	TAOT 2020-A A3	1.66%	5/15/2024	23,268.54		
6/15/2022	6/15/2022	9,402.47	14315XAC2	CARMX 2020-1 A3	1.89%	12/16/2024	9,402.47		

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
PAYDOWNS									
6/21/2022	6/21/2022	16,120.36	43813RAC1	HAROT 2020-1 A3	1.61%	4/22/2024	16,120.36		
Total PAYDOWNS		157,195.52					157,195.52		0.00

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- 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.



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Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers
Paul R. Eldredge
General Manager/
District Engineer

Karen W. Murphy
Attorney

**AUGUST 8, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 10**

TITLE: Review and Consider Approval of Updated Overhead Rates (*This is a Motion Item*)

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

Recommendation

Review and consider approval of updated overhead factors.

Discussion

Occasionally the District is engaged by its customers (contractors, businesses or governmental agencies) to perform work on their behalf, which is ultimately billed back to the customer. In addition to the base wage costs, the District adds a factor to recoup benefits and other indirect costs incurred by the District. The purpose of applying indirect costs is designed to cover benefits and general and administrative costs which are necessary to operate the District.

The last time the District updated its indirect cost factor was in October of 2011 following a comprehensive overhead factor study performed by Matrix Consulting. As a part of that study, the District was provided with a template that could be updated with current fiscal information to update the overhead factor.

Staff has updated the template using the same methodology that produced the current not to exceed factor approved by the Board from the 2011 study based on the audited fiscal year 2021 numbers. The results of that update are summarized below:

Factor Type	Purpose	2011 Multiplier	2021 Multiplier	New Calculation
Base Rate	Salary only	1.00	1.00	Base salary only
Total Employee Cost	Salary increased to cover benefit costs	1.40	1.56	Base salary x 1.56
Fully Burdened	Salary and benefits increased to cover admin costs	2.71	2.53	Base salary x 2.53

The factors above will be used for the following:

- City of Fremont Urban Runoff contract
- Maintenance on behalf of EBDA
- Contractors/Developers
- Mutual aid

Based on the above, staff is recommending amending the overhead factors to the 2021 numbers shown above.

Background

The prior factors were approved by the Board in October of 2011.

Previous Board Action

10/28/2011 Board Meeting – Approval of Updated Overhead Rates



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Directors
Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

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

Karen W. Murphy
Attorney

**AUGUST 8, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM # 11**

TITLE: Consider a Resolution to Accept the Construction of the Centrifuge Building Improvements Project from Western Water Constructors, Inc. *(This is a Motion Item)*

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Raymond Chau, Technical Services Work Group Manager
Curtis Bosick, CIP Team Coach

Recommendation

Staff recommends the Board consider a resolution to accept the construction of the Centrifuge Building Improvements Project (Project) from Western Water Constructors, Inc. (Western Water) and authorize recordation of a Notice of Completion.

Discussion

On November 9, 2020, the Board awarded the construction contract for the Project to Western Water in the amount of \$688,000. Staff issued the Notice to Proceed to Western Water on December 21, 2020. The 320-day project was scheduled to be completed on November 5, 2021. The Project experienced delays due to a combination of factors, such as procurement issues related to COVID, contractor-initiated delays, and fabrication issues with the equipment supplier. Western Water completed the Project on July 6, 2022.

A description of the scope for the Project is included in the Background section of this report. Figure 1 includes a site plan showing the location of the Centrifuge Building and Figures 2 and 3 include photos illustrating the newly installed horizontal and inclined sludge conveyors.

Change Orders

The Project included 3 contract change orders (CCOs) in the credit amount of \$34,388.70, which is approximately -5.0% of the original contract amount of \$688,000. A list of the CCOs has been included in the attached Table 1. A summary of the CCOs is provided below:

1. CCO No. 1 was in the amount of \$6,487.40 for removing and replacing existing motor circuit breakers. The existing breakers were originally going to be reused; however, the new horizontal and inclined conveyors were more efficient and required smaller breakers.
2. CCO No. 2 was in the credit amount of \$2,712.10 for the reuse of existing overload protection relays. Although the existing motor circuit breakers were too large, the overload relays were able to be reused and did not need to be replaced.
3. CCO No. 3 was in the credit amount of \$38,164. Staff negotiated this credit change order as the mechanism for resolving all outstanding disputes on the Project. Western Water agreed to provide a credit of \$35,605 in return for the District granting a time extension of 243 days. Additionally, Western Water agreed to provide a credit of \$2,559 for reusing the existing local control panel enclosures for the inclined conveyors.

Background

The Plant's Centrifuge Building (see Figure 1) was constructed in 2002 and houses four high-speed centrifuges to dewater digested sludge. The dewatered sludge is then conveyed by a series of shafted screw conveyors to the sludge hoppers for truck loading and disposal. Staff had been experiencing maintenance challenges with the shafted screw conveyors, which have bearings that are no longer in production and are custom-made for the District. Unfortunately, the bearings wore out and failed on a frequent basis. To increase reliability of the sludge conveyance system in the Centrifuge Building, the Project replaced the existing shafted conveyors with new shaftless conveyors that will not require the problematic bearings.

The major elements of the Centrifuge Project are as follows:

- Removal of the existing shafted screws from the Horizontal Sludge Conveyor Nos. 1 and 2 and Inclined Sludge Conveyor Nos. 1 and 2.
- Modifications to the existing Horizontal Sludge Conveyor Nos. 1 and 2 trough sections for reuse.
- Extension of the existing Inclined Sludge Conveyor Nos. 1 and 2 trough sections.
- Installation of new trough liners and shaftless screws into the existing and extended troughs of the Horizontal and Inclined Sludge Conveyors.
- Replacement of conveyor supports and drive units.

The Bidding Process

The Project was advertised for bids on September 22, 2020. Three bids were received and opened on October 20, 2020 with the results shown as follows:

Contractor	Total Contract Price
Western Water Constructors, Inc. Santa Rosa, CA	\$688,000
D. W. Nicholson Corporation Hayward, CA	\$795,000
TNT Industrial Contractors, Inc. Sacramento, CA	\$1,026,192

Staff hired Tanner Pacific, Inc. (TPI) to provide construction management and inspection services for the Project. The contract with TPI was combined with the Aeration Blower No. 11 Project.

Previous Board Action

January 14, 2019, the Board authorized the General Manager to execute an Agreement and Task Order No. 1 with AECOM in the amount of \$183,789 for preliminary design services for the Project.

September 23, 2019, the Board authorized the General Manager to execute Task Order No. 2 with AECOM in the amount of \$573,569 for final design services for the Project.

November 9, 2020, the Board awarded the construction contract for the Project to Western Water in the amount of \$688,000.

December 14, 2020, the Board authorized the General Manager to execute an agreement and Task Order No. 1 with TPI in the amount of \$258,800 to provide construction management services for the Aeration Blower No. 11 and Centrifuge Building Improvements projects.

February 28, 2022, the Board authorized the General Manager to execute Amendment No. 1 to Task Order No. 1 with TPI in the amount of \$84,870 to provide additional construction management services for the Aeration Blower No. 11 and Centrifuge Building Improvements projects.

PRE/RC/CB

Attachments: Figure 1 – Site Plan
Figures 2 and 3 – Photos of the Horizontal and Inclined Sludge Conveyors
Table 1 – Contract Change Order Summary
Resolution
Notice of Completion

UNION SANITARY DISTRICT
ALVARADO WASTEWATER TREATMENT PLANT

NO SCALE

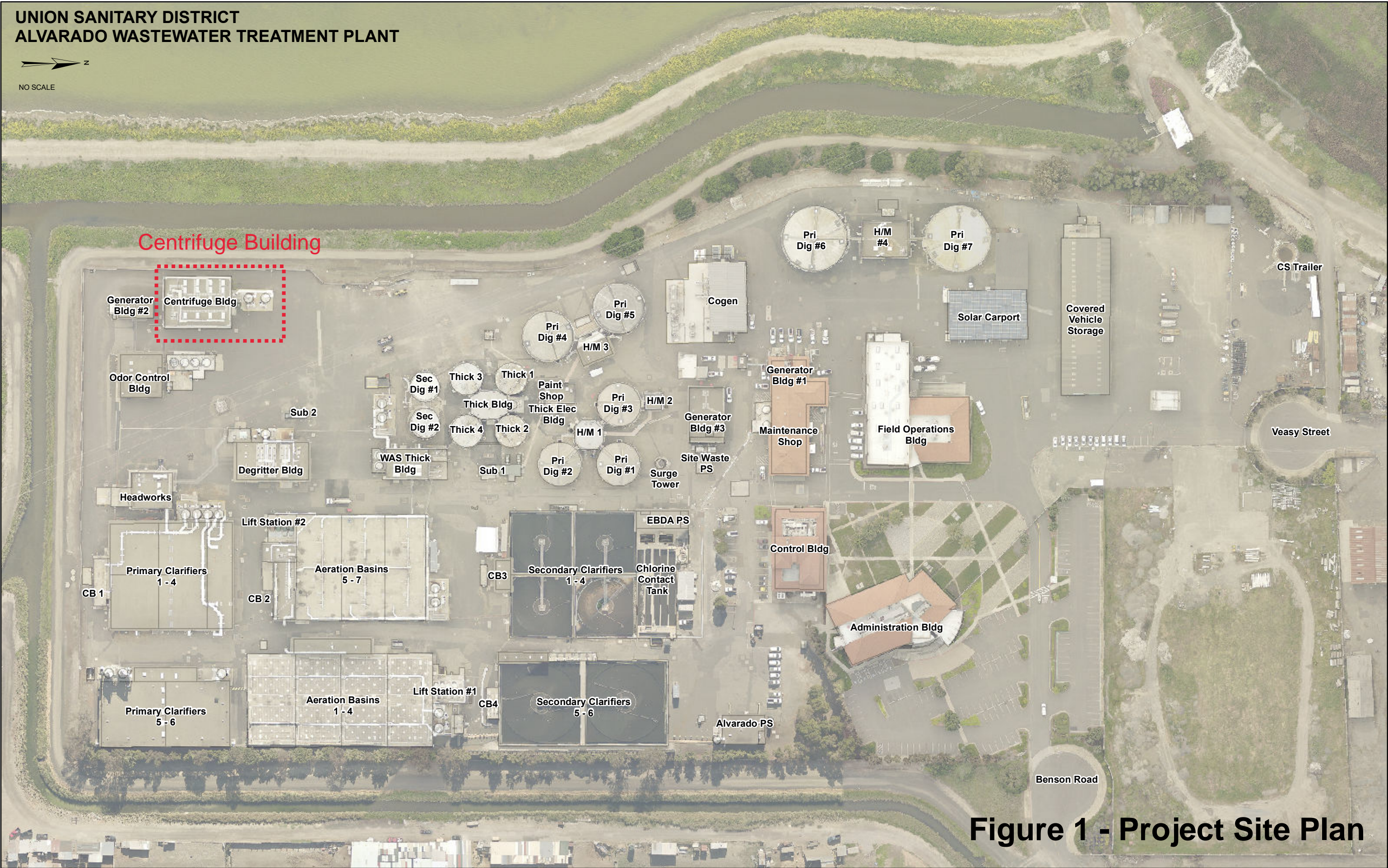


Figure 1 - Project Site Plan

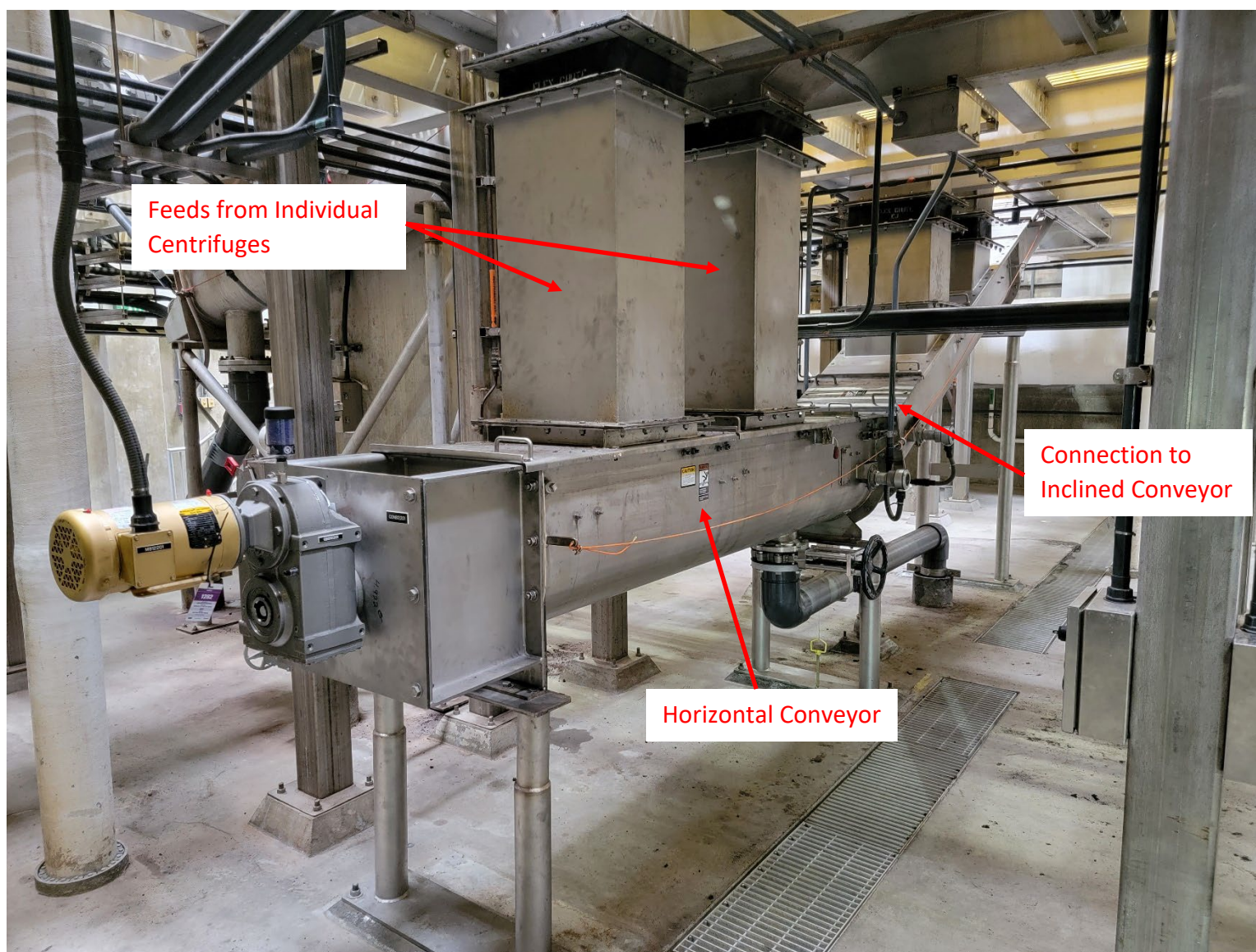


Figure 2 – Horizontal Sludge Conveyor under mezzanine

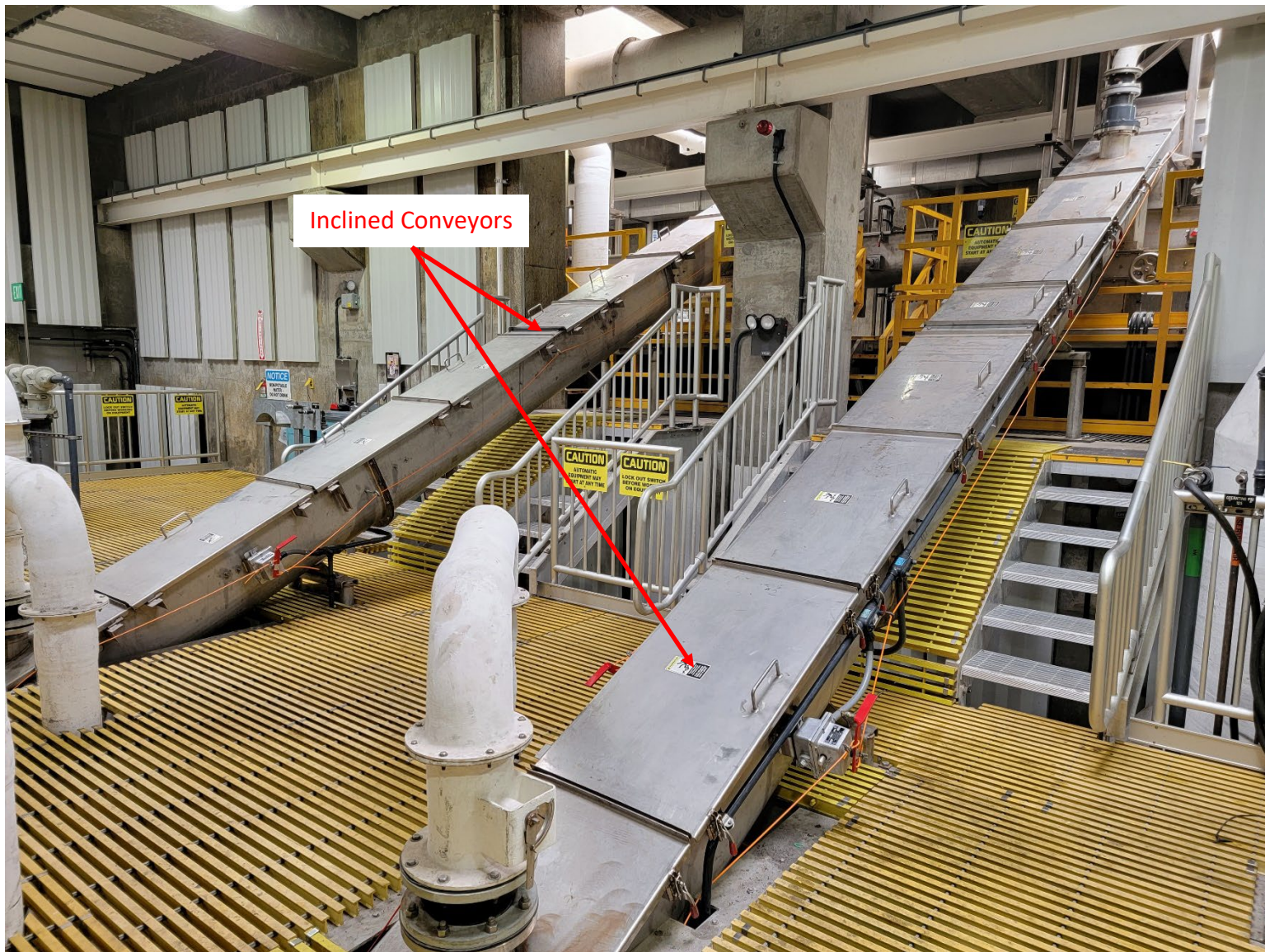


Figure 3 – Inclined Sludge Conveyors above mezzanine

Table 1
Centrifuge Building Improvements Project
Contract Change Order Summary

No.	Change Order Description	Contract Time Adjustment, Calendar Days	Cost of Change
1	Replacement of Existing Motor Circuit Breakers	0 days	\$6,487.40
2	Reuse of Existing Overload Protection Relays	0 days	-\$2,712.10
3	Project Closeout Change Order	243 days	-\$38,164.00
	Total	243 days	-\$34,388.70

RESOLUTION NO. ____

**ACCEPT CONSTRUCTION OF THE
CENTRIFUGE BUILDING IMPROVEMENTS PROJECT
LOCATED IN THE CITY OF UNION CITY, CALIFORNIA
FROM WESTERN WATER CONSTRUCTORS, INC.**

RESOLVED, by the Board of Directors of the UNION SANITARY DISTRICT that it hereby accepts the Centrifuge Building Improvements Project from Western Water Constructors, Inc., effective August 8, 2022.

FURTHER RESOLVED: That the Board of Directors of the UNION SANITARY DISTRICT authorize the General Manager/District Engineer, or his designee, to execute and record a "Notice of Completion" for the Project.

On motion duly made and seconded, this resolution was adopted by the following vote on August 8, 2022:

AYES:

NOES:

ABSENT:

ABSTAIN:

ANJALI LATHI
President, Board of Directors
Union Sanitary District

Attest:

JENNIFER TOY
Secretary, Board of Directors
Union Sanitary District



**RECORDING REQUESTED BY
AND WHEN RECORDED
RETURN TO:**

**Regina McEvoy
Union Sanitary District
5072 Benson Road
Union City, CA 94587**

NO RECORDING FEE – PER GOVERNMENT CODE SECTIONS 6103 & 27283 (R&T Code 11911)

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN by the **UNION SANITARY DISTRICT**, Alameda County, California, that the work hereinafter described, the contract for the construction of which was entered into on November 12, 2020, by said District and **WESTERN WATER CONSTRUCTORS, INC.**, 707 Aviation Blvd., Santa Rosa, California 95403, Contractor for the Project, “Centrifuge Building Improvements Project,” was substantially completed on July 6, 2022, and accepted by said District on August 8, 2022.

The name and address of the owner is the **UNION SANITARY DISTRICT**, at 5072 Benson Road, Union City, CA 94587.

The estate or interest of the owner is: FEE SIMPLE ABSOLUTE.

The description of the site where said work was performed and completed is the Union Sanitary District’s Alvarado Wastewater Treatment Plant, located at 5072 Benson Road, City of Union City, County of Alameda, State of California.

The undersigned declares under penalty of perjury that the foregoing is true and correct.

Executed on _____ at UNION CITY, CALIFORNIA.

PAUL R. ELDREDGE, P.E.
GENERAL MANAGER/DISTRICT ENGINEER
UNION SANITARY DISTRICT



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Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**AUGUST 8, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM #12**

TITLE: COVID-19 Update and Consider Adoption of a Resolution Authorizing the Use of Teleconference Meetings in Compliance with AB 361 (*This is a Motion Item*)

SUBMITTED: Paul R. Eldredge, General Manager/District Engineer
Karen W. Murphy, General Counsel
Sharon Anderson, Administrative Specialist

Recommendation

1. Receive an update from the General Manager on the District's COVID-19 response and staffing levels.
2. Adopt the attached resolution authorizing the use of teleconference meetings in compliance with AB 361.

Discussion

AB 361 requires public agencies to make findings by majority vote within 30 days of the first teleconferenced meeting under AB 361 and every 30 days thereafter that a state of emergency still exists and continues to directly impact the ability of the members to meet safely in person, or that officials continue to impose or recommend measures to promote social distancing. As directed by the Board on September 27, 2021, the District is continuing to hold teleconferenced meetings as allowed under AB 361 due to the ongoing public health threat of COVID-19 and its many variants and sub-variants.

The Board has adopted resolutions at least every 30 days starting on October 25, 2021, authorizing the use of teleconference meetings. Since the Board meeting of March 28, 2022, the Board has been scheduling teleconference meeting for committees and phasing-in in-person meetings for the Board.

The attached resolution includes and reaffirms the findings required by AB 361 to allow the District to continue to hold teleconferenced meetings. This agenda item also includes the COVID-19 Update from the General Manager.

Background

AB 361 was signed into law by the Governor on September 16, 2021, and amends the Brown Act to allow local legislative bodies to continue using teleconferencing and virtual meeting technology as long as there is a “proclaimed state of emergency” by the Governor. This allowance also depends on state or local officials imposing or recommending measures that promote social distancing or a legislative body finding that meeting in person would present an imminent safety risk to attendees. Though adopted in the context of the pandemic, AB 361 will allow for virtual meetings during other proclaimed emergencies, such as earthquakes or wildfires, where physical attendance may present a risk.

AB 361 prohibits councils and boards from limiting public comments to those submitted in advance of the meeting and specifies that the legislative body “must provide an opportunity for the public to ... offer comment in real time.” (Government Code 54953(e)(2)(E). Additionally, the body must allow a reasonable time for public comment during the comment periods. The District allows for email comments to be submitted throughout Board meeting and the Board Clerk checks for emails continuously, including during the public comment portion for each agenda item.

The agenda must include information on the manner in which the public may access the meeting and provide comments remotely. AB 361 provides that if technical problems arise that result in the public’s access being disrupted, the legislative body may not take any vote or other official action until the technical disruption is corrected and public access is restored.

In addition, as noted in the Discussion section above, AB 361 requires public agencies to make findings by majority vote within 30 days of the first teleconferenced meeting under AB 361 and every 30 days thereafter that a state of emergency still exists and continues to directly impact the ability of the members to meet safely in person, or that officials continue to impose or recommend measures to promote social distancing. AB 361 will sunset on January 1, 2024.

Previous Board Action

7/25/22 Board Meeting – The Board directed staff to continue with meetings via teleconference in the same manner as they have been held during the past few months and not pursue a proposal for upgrading the Boardroom for hybrid meetings at this time.

7/11/22 Board Meeting – The Board adopted Resolution No. 2977, authorizing the use of teleconference meetings in compliance with AB 361.

6/27/22 Board Meeting – The Board adopted Resolution No. 2973, authorizing the use of teleconference meetings in compliance with AB 361.

6/13/22 Board Meeting – The Board adopted Resolution No. 2970, authorizing the use of teleconference meetings in compliance with AB 361, and directed staff to continue with meetings in the same manner as the past few months and to bring a proposal for upgrading the Boardroom for hybrid meetings to the July 25 Board meeting.

5/23/22 Board Meeting – The Board adopted Resolution No. 2968, authorizing the use of teleconference meetings in compliance with AB 361.

5/9/22 Board Meeting – The Board adopted Resolution No. 2965, authorizing the use of teleconference meetings in compliance with AB 361.

4/25/22 Board Meeting – The Board adopted Resolution No. 2964, authorizing the use of teleconference meetings in compliance with AB 361.

4/11/22 Board Meeting – The Board adopted Resolution No. 2962, authorizing the use of teleconference meetings in compliance with AB 361.

3/28/22 Board Meeting – The Board adopted Resolution No. 2960, authorizing the use of teleconference meetings in compliance with AB 361 and directed staff to continue scheduling teleconference meetings for committees and to phase in in-person Board meetings.

3/14/22 Board Meeting – The Board adopted Resolution No. 2958, authorizing the use of teleconference meetings in compliance with AB 361.

2/28/22 Board Meeting – The Board adopted Resolution No. 2957, authorizing the use of teleconference meetings in compliance with AB 361.

2/14/22 Board Meeting – The Board adopted Resolution No. 2954, authorizing the use of teleconference meetings in compliance with AB 361.

1/24/22 Board Meeting – The Board adopted Resolution No. 2953, authorizing the use of teleconference meetings in compliance with AB 361.

1/10/22 Board Meeting – The Board adopted Resolution No. 2948, authorizing the use of teleconference meetings in compliance with AB 361.

12/13/21 Board Meeting – The Board adopted Resolution No. 2945, authorizing the use of teleconference meetings in compliance with AB 361.

11/15/21 Special Board Meeting – The Board adopted Resolution No. 2942, authorizing the use of teleconference meetings in compliance with AB 361.

11/8/21 Board Meeting – The Board adopted Resolution No. 2941, authorizing the use of teleconference meetings in compliance with AB 361.

10/25/21 Board Meeting – The Board adopted Resolution No. 2937, authorizing the use of teleconference meetings in compliance with AB 361.

9/27/21 Board Meeting – The Board directed staff to continue with teleconferenced meetings under AB 361.

RESOLUTION NO. __

**A RESOLUTION OF THE BOARD OF DIRECTORS AUTHORIZING THE
USE OF TELECONFERENCE MEETINGS IN COMPLIANCE WITH AB 361**

WHEREAS, the Union Sanitary District is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

WHEREAS, all meetings of Union Sanitary District's legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963); and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, Government Code 54953(e) permits teleconferencing in the event that a state of emergency is declared by the Governor pursuant to Government Code section 8625, and that either state or local officials have imposed or recommended measures to promote social distancing, or that the legislative body finds that meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, such conditions now exist in the District; and

WHEREAS, on March 4, 2020, Governor Newsom issued a Proclamation of a State of Emergency in response to the rapid spread of the highly contagious disease known as COVID-19, which remains in effect; and

WHEREAS, the County of Alameda remains subject to two ongoing Health Officer Orders related to COVID-19: Blanket Isolation Order (Order No. 20-05g – In effect 1/10/2022); and Blanket Quarantine Order (Order No. 20-06s - In effect 7/1/22); and

WHEREAS, despite ongoing efforts to promote masking and vaccinations, COVID-19 continues to threaten the health and lives of the public, especially with the existence of Omicron sub-variants and ongoing cases in Alameda County; and

WHEREAS, the increased risk of contracting COVID-19 associated with being indoors with others has caused, and will continue to cause, conditions of peril to the safety of persons within the District that are likely to be beyond the control of services, personnel, equipment, and facilities of the District; and

WHEREAS, on October 25, 2021, the Board adopted Resolution No. 2937, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on November 8, 2021, the Board adopted Resolution No. 2941, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on November 15, 2021, the Board adopted Resolution No. 2942, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on December 13, 2021, the Board adopted Resolution No. 2945, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on January 10, 2022, the Board adopted Resolution No. 2948, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on January 24, 2022, the Board adopted Resolution No. 2953, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on February 14, 2022, the Board adopted Resolution No. 2954, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on February 28, 2022, the Board adopted Resolution No. 2957, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on March 14, 2022, the Board adopted Resolution No. 2958, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on March 28, 2022, the Board adopted Resolution No. 2960, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on April 11, 2022, the Board adopted Resolution No. 2962, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on April 25, 2022, the Board adopted Resolution No. 2964, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on May 9, 2022, the Board adopted Resolution No. 2965, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on May 23, 2022, the Board adopted Resolution No. 2968, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on June 13, 2022, the Board adopted Resolution No. 2970, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on June 27, 2022, the Board adopted Resolution No. 2973, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, on July 11, 2022, the Board adopted Resolution No. 2977, authorizing the use of teleconference meetings in compliance with AB 361; and

WHEREAS, the Board now desires to reaffirm and make the findings required to continue holding teleconference meetings in compliance with AB 361 due to the continuing public health threat of COVID-19.

NOW, THEREFORE, BE IT RESOLVED, BY THE UNION SANITARY DISTRICT BOARD OF DIRECTORS, AS FOLLOWS:

1. The above recitals are true and correct and are material to this Resolution and are incorporated into this Resolution as findings of the District Board.

2. The Union Sanitary District Board finds and declares that the circumstances set forth in Government Code section 54953(e)(1), exist because the State of Emergency continues to exist and meeting in person would present imminent risks to the health and safety of attendees.

3. Pursuant to the requirements of Government Code Section 54953(e)(3), the District Board makes the following findings:

- (a) The District Board has considered the circumstances of the continuing state of emergency;
- (b) The state of emergency continues to directly impact the ability of the members and the public to meet safely in person;
- (c) Due to COVID-19, holding meetings in person will present imminent risks to the health and safety to attendees; and
- (d) The District Board will continue to meet by teleconference in accordance with Government Code section 54953(e).

4. The aforementioned findings apply to all committees and subcommittees of the District which are classified as legislative bodies pursuant to Government Code Section 54952.

5. The District Board will reconsider at least every 30 days, the circumstances of the emergency and review whether it continues to directly impact the ability of the members to meet safely in person.

6. If any section, subsection, subdivision, sentence, clause, phrase, or portion of this Resolution is, for any reason, held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Resolution. The Board hereby declares that it would have adopted this Resolution and each and every section, subsection, subdivision, sentence, clause, phrase, or portion thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, sentences, clauses, phrases, or portions thereof be declared unconstitutional.

7. This Resolution shall take effect immediately upon its adoption.

[signatures follow on next page]

PASSED, APPROVED, AND ADOPTED at a regular meeting of the Board of Directors on this 8th day of August, 2022.

AYES:

NOES:

ABSENT:

Jennifer Toy, Secretary

Anjali Lathi, President

**Directors**

Manny Fernandez
Tom Handley
Pat Kite
Anjali Lathi
Jennifer Toy

Officers

Paul R. Eldredge
*General Manager/
District Engineer*

Karen W. Murphy
Attorney

**AUGUST 08, 2022
BOARD OF DIRECTORS MEETING
AGENDA ITEM #13**

TITLE: **Board Expenses for 4th Quarter of Fiscal Year 2022 (*This is an Information Item*)**

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

Recommendation

Information only.

Previous Board Action

None

Background

Please see attached the Board of Directors Quarterly Travel and Training Expenditure Report for the 4th quarter of Fiscal Year 2022.

BOARD OF DIRECTORS

QUARTERLY TRAVEL AND TRAINING EXPENDITURE REPORT

4TH QTR, FISCAL YEAR 2022

Board Members	Description	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Beginning Balance	Y-T-D Expense	Balance Available
FERNANDEZ, MANNY								
TOTAL		0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
HANDLEY, TOM								
25% Reimbursement of iPad Related Expenses					299.75			
Fremont State of the City Breakfast					45.00			
TOTAL		0.00	0.00	0.00	344.75	5000.00	344.75	4655.25
HARRISON, JENNIFER								
TOTAL		0.00	0.00	0.00	0.00	5000.00	0.00	5000.00
KITE, PAT								
Lorman All Access Education Pass				489.30				
TOTAL		0.00	0.00	489.30	0.00	5000.00	489.30	4510.70
LATHI, ANJALI								
25% Reimbursement of iPad Related Expenses				303.07				
CWEA Membership					192.00			
Fremont State of the City Breakfast					45.00			
TOTAL		0.00	0.00	303.07	237.00	5000.00	540.07	4459.93
GRAND TOTAL		0.00	0.00	792.37	581.75	25000.00	1,374.12	23625.88

The Board of Directors' Quarterly Expenditure Report is attached as part of the check register in accordance with Board Member Business Expense policy adopted September 5, 1991



**Summary of the EBDA Commission Meeting
Thursday, July 21, 2022, at 9:30 a.m.**

- Commissioners Andrews, Cutter, Duncan, Johnson, and Lathi were present. This meeting was conducted telephonically and the dial-in information for the meeting was provided in the agenda.
- Commissioner Cutter moved to approve the Commission Meeting Minutes of June 16, 2022; List of Disbursements for June 2022; Preliminary Treasurer's Report for June 2022; and Resolution Authorizing Remote Teleconference Meetings Pursuant to AB 361. The motion was seconded by Commissioner Lathi and carried 5-0.
- The Commission unanimously approved the reports from the Financial Management, Personnel, and Operations & Maintenance Committees. The following items were discussed:
 - **General Managers Report**
The General Manager (GM) provided an update on the Bruce Wolfe Memorial Scholarship.
 - **Manager's Advisory Committee**
The GM reported that the MAC discussed the Authority's Emergency Reserves Policy. The MAC will develop a process for the Member Agencies to comply with the reporting requirement contained in the Policy.
 - **Regulatory Affairs Committee**
The GM reported on the July 20 meeting of the Regulatory Affairs Committee. The GM announced the Regional Water Quality Control Board's adoption of the Authority's reissued NPDES permit. The GM also discussed status of negotiations related to the Nutrients Watershed Permit that will expire in 2024.
 - **Financial Management Committee**
The GM reported on the July 18 meeting of the Financial Management Committee. The Committee reviewed the June List of Disbursements and Preliminary Treasurer's Report and recommended approval of the items. In addition, the Committee reviewed and recommended approval of amendments to the Authority's Conflict of Interest Code.
 - **Resolution Approving Amendments to the Authority's Conflict of Interest Code**
Commissioner Duncan moved to approve the item. The motion was seconded by Commissioner Johnson and carried unanimously 5-0, by roll call vote.

Ayes: Commissioners Cutter, Lathi, Duncan, Johnson, Chair Andrews

Noes: None

Absent: None

Abstain: None

- **Operations and Maintenance Committee**

The Operations and Maintenance Manager and GM reported on the Operations and Maintenance Committee meeting of July 14 meeting of the Operations and Maintenance Committee. The O&M Manager discussed the status of EBDA facilities and provided project updates, including the OLEPS Switchboard Upgrade, MDF metervault fence replacement, HEPS pump replacement project, Administration Building air conditioning repair, and Roof Replacement projects. The O&M Manager discussed the new approach to controlling bacterial numbers in the transport system. The GM updated the Commission on the Cargill project and the Advanced Quantitative Precipitation Information (AQPI) project.

- **Items from Commission and Staff**

Staff and Commissioner Andrews announced the Keep Hayward Clean and Green Task Force Clean-up Event taking place at the Hayward Heritage Plaza on Saturday, July 23. Commissioner Duncan welcomed Oro Loma Sanitary District's Interim General Manager Jimmy Dang.

- **Adjournment**

Chair Andrews adjourned the meeting at 10:14 a.m.

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181313	7/21/2022	110	3314	EAST BAY DISCHARGERS AUTHORITY	O&M ASSESSMENT, JUL-DEC 2022	\$687,493.00	\$1,053,493.00
	7/21/2022	110	3319		RNWL & REPL FUND ASSES FY23	\$366,000.00	
181382	7/28/2022		3756	CAL SANITATION RISK MNGT AUTH	CLAIM: ALTANTIC SPECIALTY INSURANCE FILE# 3030411	\$122.40	\$650,871.00
	7/28/2022		3757		CLAIM: AGARWAL FILE# 3030430	\$157.40	
	7/28/2022		6982		7/1/22 - 7/1/23 WC PROGRAM	\$395,742.00	
	7/28/2022		7039		07/1/22 - 07/1/23 PROPERTY INSURANCE RENEWAL	\$254,849.20	
181304	7/21/2022	143	800452.1	CLARK CONSTRUCTION GROUP CA LP	STANDBY POWER SYSTEM UPGRADE	\$175,684.00	\$175,684.00
181390	7/28/2022		20220801	SOL COOPER	PER APPROVED AGREEMENT	\$129,342.86	\$129,342.86
181338	7/21/2022	114	185165	PSOMAS CORP	CAMPUS BUILDINGS (ADMIN, FMC, OPS)	\$106,353.10	\$106,353.10
181315	7/21/2022	143	267567R	ENGEO INCORPORATED	ALAMEDA CREEK-FORCEMAIN CROSSING GEOTECH	\$66,577.56	\$84,626.61
	7/21/2022	143	268309		ALAMEDA CREEK-FORCEMAIN CROSSING GEOTECH	\$3,573.05	
	7/21/2022	143	267566		ALAMEDA CREEK-FORCEMAIN CROSSING GEOTECH	\$14,476.00	
181353	7/21/2022	110	30566	SYNAGRO WEST LLC	MAY 2022 BIOSOLIDS DISPOSAL	\$83,195.24	\$83,195.24
181301	7/21/2022	143	22699	CAROLLO ENGINEERS	PRIMARY DIGESTER NO. 7	\$32,032.45	\$78,252.89
	7/21/2022	143	22382		EMERGENCY OUTFALL, CATHODIC PROTECTION IMPROVEMENTS, GR	\$46,220.44	
181392	7/28/2022	143	800503.5	CORRPRO COMPANIES INC	CATHODIC PROTECTION IMPROVEMENTS - PLANT	\$67,626.62	\$67,626.62
181342	7/21/2022	171	2931	ROCKWELL SOLUTIONS INC	2 SELF PRIMER PUMPS	\$64,154.73	\$64,154.73

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181298	7/21/2022	143	11447773	BROWN & CALDWELL CONSULTANTS	COGEN REPLACEMENT & VENTILATION STUDY	\$11,468.15	\$64,006.53
	7/21/2022	143	11447775		STANDBY POWER SYSTEM UPGRADE	\$42,121.33	
	7/21/2022	143	11447774		PRIMARY DIGESTER NO. 7	\$10,417.05	
181335	7/21/2022	110	1653302	POLYDYNE INC	45,240 LBS CLARIFLOC C-6267	\$54,968.33	\$54,968.33
181412	7/28/2022	143	185609	PSOMAS CORP	STANDBY POWER SYSTEM UPGRADE	\$45,141.90	\$49,429.40
	7/28/2022	141	185610		TURK ISLAND INSPECTION SERVICES	\$4,287.50	
181374	7/28/2022	170	82464	BAILEY FENCE CO INC	PLANT WEST ROAD FENCE INSTALL	\$38,421.00	\$38,421.00
181293	7/21/2022	143	62245	BEECHER ENGINEERING	SWITHBOARD NO 3 & MCC NO 25 REPLACEMENT	\$27,090.00	\$27,090.00
181325	7/21/2022		25511	LOOKINGPOINT INC	BACKUP COMM RANDR	\$24,212.65	\$24,212.65
181402	7/28/2022	143	W8Y02800014	JACOBS ENGINEERING GROUP, INC	PLANT ODOR CONTROL PILOT STUDY	\$22,909.42	\$22,909.42
181324	7/21/2022	110	9017757413	KEMIRA WATER SOLUTIONS INC	47,980 LBS FERROUS CHLORIDE	\$7,138.01	\$22,768.45
	7/21/2022	110	9017759416		33,800 LBS FERROUS CHLORIDE	\$-4,850.20	
	7/21/2022	110	9017757939		48,200 LBS FERROUS CHLORIDE	\$7,449.17	
	7/21/2022	110	9017753642		46,780 LBS FERROUS CHLORIDE	\$6,707.91	
	7/21/2022	110	9017757414		46,300 LBS FERROUS CHLORIDE	\$6,323.56	
181421	7/28/2022	110	50372811	UNIVAR SOLUTIONS USA INC	4898.2 GALS SODIUM HYPOCHLORITE	\$7,769.37	\$22,278.53
	7/28/2022	110	50372812		4501.1 GALS SODIUM HYPOCHLORITE	\$7,139.50	
	7/28/2022	110	50369971		4646.2 GALS SODIUM HYPOCHLORITE	\$7,369.66	
181320	7/21/2022	150	201180086	HAZEN AND SAWYER	INTERIM CIP COACH SERVICES - MAY 22	\$19,800.00	\$19,800.00

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181373	7/28/2022	173	1974569	ATKINS NORTH AMERICA INC	GIS SERVICES	\$18,747.00	\$18,747.00
181395	7/28/2022	173	2019724	FARALLON GEOGRAPHICS INC	ARCHES SSC ENHANCEMENTS	\$18,025.00	\$18,025.00
181294	7/21/2022		B061TK	BENEFIT COORDINATORS CORP	DELTA DENTAL CLAIMS - JUN 2022	\$17,787.64	\$17,787.64
181316	7/21/2022	143	175081	ESA	SEA LEVEL RISE STUDY UPDATE	\$16,754.07	\$16,754.07
181393	7/28/2022	110	1423157	DEPARTMENT OF GENERAL SERVICES	SERV: MAY 2022 PLANT	\$16,434.15	\$16,434.15
181380	7/28/2022	143	11448302	BROWN & CALDWELL CONSULTANTS	PRIMARY DIGESTER NO. 7	\$4,648.44	\$12,325.72
	7/28/2022	143	11448310		COGEN REPLACEMENT & VENTILATION STUDY	\$7,088.26	
	7/28/2022	143	11447859		STANDBY POWER SYSTEM UPGRADE	\$589.02	
181381	7/28/2022		286356	BURKE, WILLIAMS & SORENSON LLP	STANDBY POWER PROJECT - JUN 2022	\$1,031.68	\$11,581.44
	7/28/2022		286355		FORCE MAIN RELOCATION - JUN 2022	\$2,496.00	
	7/28/2022		286361		ETSU - JUN 2022	\$2,928.64	
	7/28/2022		286359		GENERAL LEGAL - JUN 2022	\$4,259.84	
	7/28/2022		286360		CIP - JUN 2022	\$865.28	
181332	7/21/2022	110	3000127392	OLIN CORPORATION	4899.2 GALS SODIUM HYPOCHLORITE	\$3,819.81	\$11,231.06
	7/21/2022	110	3000124970		4700.7 GALS SODIUM HYPOCHLORITE	\$3,665.04	
	7/21/2022	110	3000124971		4804.8 GALS SODIUM HYPOCHLORITE	\$3,746.21	
181386	7/28/2022	143	24642	CAROLLO ENGINEERS	PRIMARY DIGESTER NO. 7	\$9,955.84	\$9,955.84
181357	7/21/2022	121	20220512	CITY OF UNION CITY	DYER STREET /CITY OF UNION CITY PROJECT #18-20, FEDERAL PROJE	\$8,800.00	\$9,680.00
	7/21/2022	121	20220520		INPECTION/ADMIN FEES 10%	\$880.00	

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181409	7/28/2022	111	106648	PIIAN SYSTEMS LLC	16 5-GAL ODOR NEUTRALIZERS	\$9,196.40	\$9,196.40
181376	7/28/2022	150	1261	BAYWORK	ANNUAL FEE - 2022/2023 SIGNATORY FEE	\$8,500.00	\$8,500.00
181309	7/21/2022	123	56606730001	CRESO EQUIP RENTALS & AFFIL	EQUIP RENTAL: 12" CAPACITY BRUSH CHIPPER	\$4,898.27	\$8,269.07
	7/21/2022	123	56606730002		EQUIP RENTAL: 12" CAPACITY BRUSH CHIPPER	\$3,370.80	
181364	7/21/2022	143	5218	WORKSMART AUTOMATION INC	AERATION BLOWER 11 (HIGH SPEED)	\$8,064.53	\$8,064.53
181299	7/21/2022		20220720	STATE OF CALIFORNIA	SALES & USE TAX 04/01/22 - 06/30/2022	\$7,961.17	\$7,961.17
181367	7/28/2022	170	4017274120220713	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 07/06/22 - FREMONT BLVD	\$5,498.24	\$5,557.18
	7/28/2022	170	4017420220220713		SERV TO: 07/07/22 - FREMONT BLVD	\$58.94	
181365	7/21/2022		20220713	ZANE AUTO COLLISION	THIRD PARTY CLAIM	\$5,206.93	\$5,206.93
181334	7/21/2022	130	13290028	PFM ASSET MANAGEMENT LLC	INVESTMENT MANAGEMENT / ADVISORY SERVICES	\$5,139.06	\$5,139.06
181408	7/28/2022	170	380420220707	PACIFIC GAS AND ELECTRIC	SERV TO 06/29/22 CHERRY ST PS	\$555.93	\$4,824.12
	7/28/2022	170	666720220707		SERV TO 06/29/2022 PASEO PADRE PS	\$496.93	
	7/28/2022	170	013720220712		SERV TO 07/05/2022 BOYCE RD PS	\$3,386.49	
	7/28/2022	170	898220220707		SERV TO 06/29/2022 FREMONT PS	\$290.71	
	7/28/2022	170	096020220707		SERV TO 06/29/22 CATHODIC PROJECT	\$42.97	
	7/28/2022	170	140120220712		SERV TO 07/04/22 IRVINGTON PS	\$26.28	
	7/28/2022	110	892820220707		SERV TO 06/29/22 HAYWARD MARSH	\$24.81	

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181297	7/21/2022	121	246761	BRENNTAG PACIFIC INC	1276 LBS SODIUM HYDROXIDE	\$767.25	\$4,635.72
	7/21/2022	121	246762		2552 LBS SODIUM HYDROXIDE	\$1,527.57	
	7/21/2022	121	248755		3828 LBS SODIUM HYDROXIDE	\$2,340.90	
181329	7/21/2022	170	81222134	MCMASTER SUPPLY INC	ASTD PARTS & MATERIALS	\$42.74	\$4,508.34
	7/21/2022	170	81380649		ASTD PARTS & MATERIALS	\$156.48	
	7/21/2022	170	80616135		ASTD PARTS & MATERIALS	\$125.53	
	7/21/2022	170	80292278		ASTD PARTS & MATERIALS	\$237.18	
	7/21/2022		81293488		ASTD PARTS & MATERIALS	\$9.22	
	7/21/2022	123	80691059		ASTD PARTS & MATERIALS	\$78.01	
	7/21/2022	170	80530029		ASTD PARTS & MATERIALS	\$145.13	
	7/21/2022	170	80439007		ASTD PARTS & MATERIALS	\$706.06	
	7/21/2022		80707995		ASTD PARTS & MATERIALS	\$520.18	
	7/21/2022		80468460		ASTD PARTS & MATERIALS	\$887.62	
	7/21/2022		81291938		ASTD PARTS & MATERIALS	\$308.31	
	7/21/2022	170	80684190		ASTD PARTS & MATERIALS	\$235.02	
	7/21/2022		80244644		ASTD PARTS & MATERIALS	\$1,056.86	
181366	7/28/2022	171	2000642431	AECOM TECHNICAL SERVICES INC	HAZMAT CONSULTING SERVICES	\$4,251.50	\$4,251.50

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181405	7/28/2022		79369996	MCMaster SUPPLY INC	ASTD PARTS & MATERIALS	\$65.47	\$3,541.51
	7/28/2022		80684165		ASTD PARTS & MATERIALS	\$39.92	
	7/28/2022		81546189		ASTD PARTS & MATERIALS	\$876.01	
	7/28/2022	170	81923346		ASTD PARTS & MATERIALS	\$80.20	
	7/28/2022		81775169		ASTD PARTS & MATERIALS	\$1,611.79	
	7/28/2022	170	81623677		ASTD PARTS & MATERIALS	\$498.15	
	7/28/2022	170	81704664		ASTD PARTS & MATERIALS	\$369.97	
181319	7/21/2022	170	96645684	H & E EQUIPMENT SERVICES INC	EQUIPMENT RENTAL 06/15/2022 - 07/12/2022	\$3,346.30	\$3,346.30
181397	7/28/2022	170	249312	FRANK A OLSEN COMPANY	4 ISOLATION VALVES	\$3,185.17	\$3,185.17
181403	7/28/2022	113	2600958122	KELLY SERVICES INC	TEMP LABOR-JANES, O. WK ENDING 07/03/22	\$1,782.00	\$3,168.00
	7/28/2022	113	2501029422		TEMP LABOR-JANES, O. WK ENDING 06/26/22	\$1,386.00	
181360	7/21/2022	123	13820	VON EUW TRUCKING	3/4" CL II AB & 3/4" CRUSHED	\$2,882.80	\$2,882.80
181295	7/21/2022	173	2022122	BIND, LDA	WEBPARTS ANNUAL SUBSCRIPTION	\$2,850.00	\$2,850.00
181326	7/21/2022	170	478540	LUBRICATION ENGINEERS INC	OIL CONSOLIDATION HARDWARE KITS	\$2,758.27	\$2,758.27
181339	7/21/2022		7550	PULTE HOME CORPORATION	REFUND # 47647	\$2,513.55	\$2,513.55
181302	7/21/2022		30576.1	CASDEV 21 LLC	REFUND # 46608	\$2,500.00	\$2,500.00
181355	7/21/2022		29256	THERMA INC	REFUND # 47661	\$2,500.00	\$2,500.00

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181361	7/21/2022		8808937129	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$189.91	\$2,272.17
	7/21/2022		8808800635		LAB SUPPLIES	\$983.99	
	7/21/2022	113	8808914668		LAB SUPPLIES	\$135.40	
	7/21/2022		8808810367		LAB SUPPLIES	\$709.85	
	7/21/2022	113	8810000685		LAB SUPPLIES	\$126.72	
	7/21/2022	113	8808903242		LAB SUPPLIES	\$126.30	
181322	7/21/2022	141	GRPN217	IRON MOUNTAIN	OFF-SITE STORAGE AND SERVICE - JUL 22	\$1,604.30	\$2,218.19
	7/21/2022	141	GRSP296		OFF-SITE STORAGE AND SERVICE - JUL 22	\$613.89	
181331	7/21/2022	114	2284230	MOBILE MODULAR MANAGEMENT CORP	ETSU TEMPORARY OFFICE SPACE	\$1,080.81	\$2,161.62
	7/21/2022	114	2295079		ETSU TEMPORARY OFFICE SPACE	\$1,080.81	
181306	7/21/2022		150158791	COLORADO WASHINGTON INC COMCAST OF	FIBER INTERNET BACKUP - JUL 2022	\$2,010.71	\$2,010.71
181337	7/21/2022	170	102424	PRIME MECHANICAL SERVICE INC	QUARTERLY MAINTENANCE - JUN 22	\$1,040.00	\$1,985.00
	7/21/2022	170	102408		MONTHLY MAINTENANCE - JUN 22	\$945.00	
181348	7/21/2022	113	20220718	JOHN SEO	EXP REIMB: CWEA EC CERTIFICATION RENEWAL	\$91.00	\$1,977.46
	7/21/2022	113	20220714		EXP REIMB: TNI ENVIRONMENTAL MEASUREMENT SYMPOSIUM-AIR/RE	\$1,886.46	
181369	7/28/2022	120	16034	AMERICAN DISCOUNT SECURITY	06/01/22 - 06/30/22 GUARD AT DISTRICT	\$1,874.25	\$1,874.25
181345	7/21/2022	110	22062913	S&S TRUCKING	GRIT HAULING 06/23 & 06/24/2022	\$1,740.59	\$1,740.59
181410	7/28/2022	122	102428	PRIME MECHANICAL SERVICE INC	QUARTERLY MAINTENANCE - JUN 22	\$1,695.00	\$1,695.00
181370	7/28/2022	130	16357367	APPLEONE EMPLOYMENT SVCS	TEMP LABOR-DZOAN.T , WK END 07/02/22	\$1,678.56	\$1,678.56

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181423	7/28/2022	113	8808850128	VWR INTERNATIONAL LLC	LAB SUPPLIES	\$62.44	\$1,656.22
	7/28/2022		8810046310		LAB SUPPLIES	\$64.46	
	7/28/2022	113	8810035788		LAB SUPPLIES	\$1,467.78	
	7/28/2022	113	8808859489		LAB SUPPLIES	\$61.54	
181311	7/21/2022		20220625	DALE HARDWARE INC	06/22 - ASTD PARTS & MATERIALS	\$1,455.90	\$1,455.90
181420	7/28/2022	170	422043246	TERMINIX COMMERCIAL	PEST CONTROL	\$1,113.00	\$1,423.00
	7/28/2022	170	422040253		PEST CONTROL	\$170.00	
	7/28/2022	170	422043245		PEST CONTROL	\$140.00	
181290	7/21/2022	130	16350315	APPLEONE EMPLOYMENT SVCS	TEMP LABOR-DZOAN.T , WK END 06/25/22	\$1,377.28	\$1,377.28
181346	7/21/2022	132	2771333107	SAFETY CENTER INC	TRAFFIC FLAGGING REFRESHER TRAINING	\$1,300.00	\$1,300.00
181398	7/28/2022		9355860322	GRAINGER INC	ASTD PARTS & MATERIALS	\$609.62	\$1,288.75
	7/28/2022	170	9353106421		1 CORDLESS DRILL	\$205.15	
	7/28/2022	110	9339810179		ASTD PARTS & MATERIALS	\$260.71	
	7/28/2022		9353958920		ASTD PARTS & MATERIALS	\$213.27	
181359	7/21/2022	143	21400	V&A CONSULTING ENGINEERS	CATHODIC PROTECTION IMPROVEMENTS	\$1,274.50	\$1,274.50
181291	7/21/2022		2591042808	ARAMARK	ASTD DUST MOPS, WET MOPS & TERRY	\$60.06	\$1,262.54
	7/21/2022		2591039672		UNIFORM LAUNDERING SERVICE	\$406.68	
	7/21/2022		2591042855		UNIFORM LAUNDERING SERVICE	\$400.14	
	7/21/2022		2591046142		UNIFORM LAUNDERING SERVICE	\$395.66	

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181416	7/28/2022	170	457394	RKI INSTRUMENTS INC	ASTD PARTS & MATERIALS	\$1,258.40	\$1,258.40
181307	7/21/2022		20220628	COMMUNICATION & CONTROL INC	UTILITY FEE/ANTENNA RENTAL	\$1,181.07	\$1,181.07
181288	7/21/2022	170	4017275220220708	ALAMEDA COUNTY WATER DISTRICT	SERV TO: 07/06/22 - FREMONT BLVD	\$1,118.89	\$1,118.89
181351	7/21/2022	136	3877970002	STRADLING YOCCA CARLSON & RAUTH	LEGAL SERVICES FOR SRF LOAN (STANDBY POWER GENERATOR SYS	\$1,082.90	\$1,082.90
181287	7/21/2022	170	9989822755	AIRGAS NCN	CYLINDER RENTAL	\$1,010.20	\$1,010.20
181404	7/28/2022		62600000255659	KELLY-MOORE PAINT COMPANY	ASTD PAINTING SUPPLIES	\$964.43	\$964.43
181368	7/28/2022		5271405	ALL INDUSTRIAL ELECTRIC SUPPLY	75 LED LIGHTS	\$838.18	\$838.18
181347	7/21/2022		2095277002	SAN LEANDRO ELECTRIC SUPPLY	ASTD ELECTRICAL SUPPLIES	\$250.66	\$794.12
	7/21/2022		2095277001		ASTD ELECTRICAL SUPPLIES	\$543.46	
181400	7/28/2022	170	557918	HULBERT LUMBER SUPPLY	ASTD LUMBER SUPPLIES	\$493.98	\$777.75
	7/28/2022	170	557919		ASTD LUMBER SUPPLIES	\$283.77	
181330	7/21/2022	170	220768	METROMOBILE COMMUNICATIONS INC	RADIO SERVICE - JUL 2022	\$772.92	\$772.92
181363	7/21/2022	143	205754	WOODARD & CURRAN INC	IRVINGTON BASIN RCP REHABILITATION	\$742.50	\$742.50
181406	7/28/2022		20220630	NAPA AUTO PARTS	MONTHLY AUTO PARTS STMT - JUNE 2022	\$733.15	\$733.15
181419	7/28/2022	110	22070616	S&S TRUCKING	GRIT HAULING 06/29/2022	\$720.54	\$720.54
181292	7/21/2022	143	4LX79.1	BAY AREA AIR QUALITY MGMT DIST	FEE: PUMP STATIONS CHEMICAL SYSTEM IMPROVEMENTS	\$648.00	\$648.00
181389	7/28/2022	132	220814687	CLAREMONT BEHAVIORAL SERVICES	AUG 2022 EAP PREMIUMS	\$639.40	\$639.40
181417	7/28/2022	120	20220725	JOSE RODRIGUES JR	EXP REIMB: LODGE/MILES/ PER DIEM - CWEA COLLECTION SYSTEMS S	\$631.91	\$631.91
181385	7/28/2022	173	6001017013	CANON SOLUTIONS AMERICA INC	MTHLY MAINTENANCE BASED ON USE	\$563.12	\$563.12

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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
181340	7/21/2022		20220714	WILHELMINA REECE	THIRD PARTY CLAIM	\$516.99	\$516.99
181413	7/28/2022	120	02G0036018380	NESTLE WATERS NO. AMERICA READYREFR	WATER SERVICE 06/07/22 - 07/06/22	\$511.26	\$511.26
181354	7/21/2022	170	417697284	TERMINIX COMMERCIAL	PEST CONTROL	\$170.00	\$510.00
	7/21/2022	170	416711769		PEST CONTROL	\$170.00	
	7/21/2022	170	420919379		PEST CONTROL	\$170.00	
181314	7/21/2022		33779	ECONOMY ROOTER & PLUMBING INC	REFUND # 47656	\$500.00	\$500.00
181323	7/21/2022		10273.1	JASBIR KAUR	REFUND # 47654	\$500.00	\$500.00
181344	7/21/2022		26101	ROOTER HERO	REFUND # 47660	\$500.00	\$500.00
181350	7/21/2022		33771	STAR ROOTER AND PLUMBING	REFUND # 47652	\$500.00	\$500.00
181394	7/28/2022		33765	EHRET CO PLUMBING	REFUND # 48661	\$500.00	\$500.00
181411	7/28/2022		33758	PRO ROOTER	REFUND # 48664	\$500.00	\$500.00
181418	7/28/2022		34799	ROOTER HERO	REFUND # 48662	\$500.00	\$500.00
181317	7/21/2022	113	4251609	FISHER SCIENTIFIC	LAB SUPPLIES	\$373.06	\$470.12
	7/21/2022	113	4251606		LAB SUPPLIES	\$97.06	
181296	7/21/2022	141	17239230	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$64.56	\$460.74
	7/21/2022	114	17239240		ASTD OFFICE SUPPLIES	\$396.18	
181414	7/28/2022	123	8201122653	RED WING BUS ADVANTAGE ACCT	SAFETY SHOES: M. MINCHACA	\$218.28	\$443.18
	7/28/2022	111	8201122538		SAFETY SHOES: M. FULKERSON	\$224.90	
181328	7/21/2022	113	2206C18	MCCAMPBELL ANALYTICAL	LAB SAMPLE ANALYSIS	\$428.00	\$428.00

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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
181300	7/21/2022	173	6001017972	CANON SOLUTIONS AMERICA INC	MTHLY MAINTENANCE BASED ON USE	\$363.30	\$363.30
181303	7/21/2022	150	96530	CITYLEAF INC	PLANT MAINTENANCE - JUL 2022	\$361.65	\$361.65
181388	7/28/2022	150	95939	CITYLEAF INC	PLANT MAINTENANCE - JUN 2022	\$361.65	\$361.65
181375	7/28/2022	130	1344382	BAY AREA NEWS GROUP EAST BAY	AD: PUBLIC NOTICE	\$360.36	\$360.36
181378	7/28/2022	110	17243921	BLAISDELL'S	ASTD OFFICE SUPPLIES	\$66.28	\$314.65
	7/28/2022	130	17246850		ASTD OFFICE SUPPLIES	\$197.14	
	7/28/2022	110	17243920		ASTD OFFICE SUPPLIES	\$51.23	
181407	7/28/2022	132	2202614	OPTIMUM TECHNOLOGIES LLC	AT HOME EMPLOYEE PORTAL	\$301.00	\$301.00
181333	7/21/2022	173	20220630	AYHAN OZCAN	UPDATING VISUAL STUDIO	\$300.00	\$300.00
181391	7/28/2022	173	30612885	CORELOGIC INFORMATION SOLUTION	REALQUEST 12 MONTH SERVICE	\$300.00	\$300.00
181289	7/21/2022		5271277	ALL INDUSTRIAL ELECTRIC SUPPLY	25 LED LIGHTS	\$279.39	\$279.39
181399	7/28/2022	110	20220720	TIMOTHY GRILLO	EXP REIMB: WEF AND CWEA MEMBERSHIP RENEWAL	\$267.00	\$267.00
181362	7/21/2022	121	49804	WECO INDUSTRIES LLC	3 BATTERY	\$235.03	\$235.03

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181372	7/28/2022		259000425	ARAMARK	CR: UNIFORM LAUNDERING SERVICE	\$-576.97	\$199.85
	7/28/2022		2591054557		UNIFORM LAUNDERING SERVICE	\$408.13	
	7/28/2022		2591051967		UNIFORM LAUNDERING SERVICE	\$429.68	
	7/28/2022		2591054522		ASTD DUST MOPS, WET MOPS & TERRY	\$66.06	
	7/28/2022		2591042831		UNIFORM LAUNDERING & RUGS	\$310.53	
	7/28/2022		2591051960		UNIFORM LAUNDERING & RUGS	\$314.45	
	7/28/2022		259000607		CR: UNIFORM LAUNDERING & RUGS	\$-348.69	
	7/28/2022		2591046139		UNIFORM LAUNDERING & RUGS	\$309.03	
	7/28/2022		2591054538		UNIFORM LAUNDERING & RUGS	\$307.95	
	7/28/2022		259000482		CR: UNIFORM LAUNDERING SERVICE	\$-353.32	
	7/28/2022		2591039648		UNIFORM LAUNDERING & RUGS	\$309.03	
	7/28/2022		259000609		CR: UNIFORM LAUNDERING SERVICE	\$-976.03	
181396	7/28/2022	113	4328203	FISHER SCIENTIFIC	LAB SUPPLIES	\$104.36	\$181.17
	7/28/2022	113	4328204		LAB SUPPLIES	\$76.81	
181327	7/21/2022	170	771047851	MATHESON TRI-GAS INC	MONTHLY CYLINDER RENTAL - JUNE 2022	\$176.52	\$176.52
181377	7/28/2022	170	20220725	RICA BERCASIO	EXP REIMB: RECRUITMENT PANEL LUNCH	\$163.36	\$163.36
181341	7/21/2022	170	456815	RKI INSTRUMENTS INC	ASTD PARTS & MATERIALS	\$161.97	\$161.97
181422	7/28/2022	136	98XW53272	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 07/02/22	\$144.84	\$144.84
181310	7/21/2022	130	3593830	DAILY JOURNAL CORPORATION	AD: PUBLIC NOTICE	\$134.40	\$134.40

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Check No.	Date	Dept	Invoice No.	Vendor	Description	Invoice Amt	Check Am
181349	7/21/2022	170	2206363S	SGS NORTH AMERICA INC	1 ANALYSIS	\$20.00	\$120.00
	7/21/2022	170	2206147S		1 ANALYSIS	\$20.00	
	7/21/2022	170	2206237S		2 ANALYSIS	\$40.00	
	7/21/2022	170	2206456S		2 ANALYSIS	\$40.00	
181415	7/28/2022		118879	REMOTE SATELLITE SYSTEMS INT'L	IRIDIUM SVC FEE AUG 2022	\$118.00	\$118.00
181356	7/21/2022	141	434354	ULTRAEX LLC	COURIER SVCS: 1 BOARDMEMBER DELIVERY - 06/08/22	\$56.97	\$113.94
	7/21/2022	141	434585		COURIER SVCS: 1 BOARDMEMBER DELIVERY - 06/22/22	\$56.97	
181384	7/28/2022	113	634304	CALTEST ANALYTICAL LABORATORY	6 LAB SAMPLE ANALYSIS	\$112.86	\$112.86
181401	7/28/2022	110	20220413	DANIEL JACKSON	EXP REIMB: CWEA CONF EXPENSES	\$112.30	\$112.30
181305	7/21/2022	120	46586	CLASSIC GRAPHICS	6 MAGNETS	\$99.04	\$99.04
181371	7/28/2022	122	7024642018	APPLIED INDUSTRIAL TECHNOLOGIE	ASTD PARTS & MATERIALS	\$81.54	\$81.54
181312	7/21/2022	173	569624	DLT SOLUTIONS, LLC	AWS CLOUD STORAGE - MAY 2022	\$76.48	\$76.48
181383	7/28/2022	132	592317	STATE OF CALIFORNIA	2 NEW HIRE FINGERPRINTS	\$64.00	\$64.00
181352	7/21/2022	170	20220719	DUSTIN STRASBURG	EXP REIMB: MILEAGE FOR CALL OUT	\$63.25	\$63.25
181343	7/21/2022	120	20220714	JESSICA RODRIGUEZ	EXP REIMB: SUPPORT TEAM MTG	\$25.99	\$59.97
	7/21/2022	120	20220718		EXP REIMB: CS WKGRP MEETING	\$33.98	
181321	7/21/2022		768520220728	HOME DEPOT CREDIT SERVICES	MONTHLY HARDWARE STMT - JULY 2022	\$57.87	\$57.87
181358	7/21/2022	136	98XW53262	UPS - UNITED PARCEL SERVICE	SHIPPING CHARGES W/E 06/25/22	\$57.22	\$57.22
181318	7/21/2022	111	20220719	MICHAEL FULKERSON	EXP REIMB: CLARIFIER SKIMMER HEAD	\$50.70	\$50.70

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181387	7/28/2022	122	328283	CENTERVILLE LOCKSMITH	ASTD KEYS & TAGS	\$10.80	\$36.27
	7/28/2022	122	328271		ASTD KEYS & TAGS	\$25.47	
181379	7/28/2022	143	20220502	SOMPORN BOONSALAT	EXP REIMB: FLOWERS - BAUTISTA	\$33.13	\$33.13
181308	7/21/2022	132	75818907	CONCENTRA MEDICAL CENTERS	1 LAB TEST	\$32.00	\$32.00
181336	7/21/2022	132	20220718	JACQUELYN PRASAD	EXP REIM: LIVE SCAN FEE	\$25.00	\$25.00

Invoices:

Credit Memos :	5	-7,105.21
\$0 - \$1,000 :	138	41,071.94
\$1,000 - \$10,000 :	66	237,243.50
\$10,000 - \$100,000 :	22	758,580.73
Over \$100,000 :	7	2,115,464.16
Total:	238	3,145,255.12

Checks:

\$0 - \$1,000 :	62	21,586.02
\$1,000 - \$10,000 :	47	161,298.66
\$10,000 - \$100,000 :	23	846,626.48
Over \$100,000 :	5	2,115,743.96
Total:	137	3,145,255.12

East Bay MUD to pay \$816,000 penalty for releasing 16 million gallons of partially treated sewage into San Francisco Bay

Discharge near Richmond came during October downpours



OAKLAND, CALIFORNIA – October 27: Sunlight illuminates the East Bay Municipal Utility District's signage on the public utility's headquarters in downtown Oakland, Calif., on Wednesday, October 27, 2021. (Dylan Bouscher/Bay Area News Group)

By **PAUL ROGERS** | progers@bayareanewsgroup.com | Bay Area News Group

PUBLISHED: July 19, 2022 at 5:45 a.m. | UPDATED: July 20, 2022 at 5:59 a.m.

The heavy storms that soaked the Bay Area last October ended fire season and brought hope — dashed during dry winter months later — that the state's drought might be ending.

But while millions of people were celebrating the downpour the week before Halloween, the rains also caused an environmental headache in the East Bay, overwhelming a wastewater treatment plant and sending 16.5 million gallons of partially treated sewage into San Francisco Bay.

On Monday, state regulators and the East Bay Municipal Utility District, a government agency that operates the plant at Point Isabel in Richmond, agreed to settle the case in a deal that requires the district to pay \$816,000 for violations of clean water rules.

"Our mission is to protect public health and San Francisco Bay," said Andrea Pook, a spokeswoman for East Bay MUD. "We regret that this occurred."

East Bay MUD treats the sewage of 776,000 people living in Alameda, Albany, Berkeley, Emeryville, Oakland and other communities.

The storms on Oct. 24 and 25 were unprecedented. An atmospheric river dumped 5 inches of rain over Oakland — nearly 30% of the city's entire yearly average — in two days. The Oakland Hills got 9 inches in 48 hours, and Mount Tamalpais in Marin County got 16 inches.

In the East Bay, as in cities across the United States, heavy rains can cause major problems for sewage treatment plants. Rain water soaks into the ground, entering old sewer pipes through cracks and gaps. It surges and flows to sewage treatment plants, sometimes overwhelming them and causing spills.

To try and limit that problem, EB MUD, which provides drinking water and wastewater treatment to parts of Alameda and Contra Costa counties, runs three overflow plants.

The concept is simple: When heavy flows from storms overwhelm the system, some of the wastewater is diverted away from the district's main plant in Oakland near the Bay Bridge to the three "wet weather" plants, where it is stored in tanks. The facilities can treat it to basic standards, called primary treatment, where workers use filters, screens and chlorine, before releasing it into the bay. Without treatment, raw sewage can carry disease that make people sick, and can harm fish and wildlife.

On the weekend of Oct. 23 to 25, it rained so hard that 557 million gallons per day of wastewater flowed into East Bay MUD's system, more than 10 times the average in a normal day.

At one of the district's three overflow plants, the Point Isabel Wet Weather Facility on the Richmond shoreline, workers ran out of a key chemical called sodium bisulfite during the storm. The chemical is used to take chlorine out of the wastewater before it released into the bay. High levels of chlorine can be toxic to fish and other aquatic life.

"There was a staff error," Pook said. "They used more chemical than needed, so we used up our supply sooner than expected."

As workers frantically called their chemical supplier at night, not getting more until the next morning, they released 16.5 million gallons of partially treated sewage into the Richmond Inner Harbor — 3.8 million gallons of which had levels of chlorine more than 10 times above the legal limit — and much of the rest with elevated levels of coliform bacteria.

East Bay MUD "failed to properly operate and maintain" the plant, according to the San Francisco Bay Regional Water Quality Control Board, a state agency that regulates water pollution. But because so much water was pouring into the roiling storm-hammered bay that weekend, diluting everything, the spill caused "a low threat of harm" and "likely no actual harm" to fish and wildlife.

The district posted signs the next morning around the Albany and Richmond shoreline, warning the public that the bay waters might be contaminated and pose a health risk.

In the settlement agreement, the regional water board noted that East Bay MUD had two similar violations in the past five years, with \$137,000 in penalties.

Environmentalists said they supported the enforcement action. But they also called on East Bay MUD to do more to reduce the sewage surges into the plant, something that was called for in a 2014 lawsuit settlement.

"The agency is supposed to be better investing in nuts and bolts maintenance to fix their aging sewage infrastructure and deal with large volumes of stormwater infiltration," said attorney Sejal Choksi-Chugh, executive director of Baykeeper, an environmental group that sued East Bay MUD a decade ago over sewage discharges.

"And now would be the time," she added, "for them to also modernize their system to recycle and reuse as much wastewater as possible in the face of extreme droughts."

Pook said the district has been working to reduce sewage flows during storms with efforts to replace old sewer pipes and other programs.

"We have made some changes," Pook said. "We have improved the supply of chemicals and improved operator training so that we can prevent this from happening in the future."