ORANGE COUNTY SANITATION DISTRICT

ORANGE COUNTY SANITATION DISTRICT SPECIAL NOTICE REGARDING CORONAVIRUS (COVID-19) AND ATTENDANCE AT PUBLIC MEETINGS

Governor Newsom signed Assembly Bill (AB) 361 on September 16, 2021, which, in part, addresses the conduct of public meetings in light of the continued State of Emergency order.

Effective October 1, 2021, AB 361 suspends the requirements located in California Government Code, Section 54953, Subdivision (b), Paragraph (3) specifically pertaining to the conduct of public meetings. As such, the Orange County Sanitation District (OC San) Board of Directors has determined that due to the size of OC San's Board of Directors (25), and the health and safety of the members, the Board of Directors will be participating in meetings of the Board telephonically and via Internet accessibility.

PUBLIC PARTICIPATION

Your participation is always welcome. OC San offers several ways in which to interact during meetings. You will find information as to these opportunities below.

ONLINE MEETING PARTICIPATION

You may join the meeting live via Teams on your computer or similar device or web browser by using the link below:

Click here to join the meeting

We suggest testing joining a Teams meeting on your device prior to the commencement of the meeting. For recommendations, general guidance on using Teams, and instructions on joining a Teams meeting, please click here.

Please mute yourself upon entry to the meeting. Please raise your hand if you wish to speak during the public comment section of the meeting. The Clerk of the Board will call upon you by using the name you joined with.

Meeting attendees are not provided the ability to make a presentation during the meeting. Please contact the Clerk of the Board at least 48 hours prior to the meeting if you wish to present any items. Additionally, camera feeds may be controlled by the meeting moderator to avoid inappropriate content.

HOW TO PARTICIPATE IN THE MEETING BY TELEPHONE

To join the meeting from your phone: Dial (213) 279-1455
When prompted, enter the Phone Conference ID: 540 626 845#

All meeting participants may be muted during the meeting to alleviate background noise. If you are muted, please use *6 to unmute. You may also mute yourself on your device.

Please raise your hand to speak by using *5 during the public comment section of the meeting. The Clerk of the Board will call upon you by using the last 4 digits of your phone number as identification.

NOTE: All attendees will be disconnected from the meeting at the beginning of Closed Session. If you would like to return to the Open Session portion of the meeting, please login or dial-in to the Teams meeting again and wait in the Lobby for admittance.

VIEW THE MEETING ONLINE ONLY

The meeting will be available for online viewing only at:

https://ocsd.legistar.com/Calendar.aspx

HOW TO SUBMIT A COMMENT

You may provide verbal comment in real time during the meeting. In order to provide a verbal comment, please raise your hand as described above or alert the Clerk of the Board before or during the public comment period.

You may also submit your comments and questions in writing for consideration in advance of the meeting by using the eComment feature available online at: https://ocsd.legistar.com/Calendar.aspx or sending them to OCSanClerk@ocsan.gov with the subject line "PUBLIC COMMENT ITEM # (insert the item number relevant to your comment)" or "PUBLIC COMMENT NON-AGENDA ITEM".

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All written public comments will be provided to the legislative body and may be read into the record or compiled as part of the record.

TECHNICAL SUPPORT PRIOR TO AND DURING MEETINGS

For technical assistance before and during the meeting, please call 714-593-7431. For any other questions and/or concerns, please contact the Clerk of the Board's office at 714-593-7433. Thank you, in advance, for your patience in working with these technologies. We appreciate your interest in OC San!

ORANGE COUNTY SANITATION DISTRICT
10844 Ellis Avenue
Fountain Valley, CA 92708
714.962.2411
www.ocsan.gov

February 2, 2022

Serving:

Anaheim
Brea
Buena Park
Cypress
Fountain Valley
Fullerton
Garden Grove
Huntington Beach
Irvine
La Habra
La Palma
Los Alamitos
Newport Beach
Orange
Placentia
Santa Ana
Seal Beach
Stanton
Tustin
Villa Park
County of Orange
Costa Mesa Sanitary District
Midway City Sanitary District
Irvine Ranch Water District
Yorba Linda Water District

NOTICE OF REGULAR MEETING

ADMINISTRATION COMMITTEE
ORANGE COUNTY SANITATION DISTRICT

Wednesday, February 9, 2022 – 5:00 P.M.

ACCESSIBILITY FOR THE GENERAL PUBLIC

Your participation is always welcome. Specific information as to how to participate in this meeting is detailed in the Special Notice attached to this agenda. In general, OC San offers several ways in which to interact during meetings: you may join the meeting live via Teams on your computer or similar device or web browser, join the meeting live via telephone, view the meeting online, and/or submit comments for consideration before or during the meeting.

The Regular Meeting of the Administration Committee of the Orange County Sanitation District will be held at the above location and in the manner indicated on Wednesday, February 9, 2022 at 5:00 p.m.

Kelly A. Lore
Clerk of the Board

ADMINISTRATION COMMITTEE MEETING DATE	**BOARD MEETING DATE**
02/09/22	02/23/22
03/09/22	03/23/22
04/13/22	04/27/22
05/11/22	05/25/22
06/08/22	06/22/22
07/13/22	07/27/22
AUGUST DARK	08/24/22
09/14/22	09/28/22
10/12/22	10/26/22
11/09/22	***11/16/22 ****
12/14/22	***12/21/22 ****
JANUARY DARK	01/25/23

**** Meeting will be held on the third Wednesday of the month***

ROLL CALL
ADMINISTRATION COMMITTEE
Finance, Information Technology, Environmental Services
and Human Resources

Meeting Date: **February 9, 2022** **Time:** **5:00 p.m.**

Adjourn: ____________

COMMITTEE MEMBERS (13)

Glenn Parker, Chair	
Anthony Kuo, Vice-Chair	
Brad Avery	
Ron Bates	
Art Brown	
Kim Carr	
Rose Espinoza	
Marshall Goodman	
Patrick Harper	
Andrew Nguyen	
David Shawver	
John Withers (Board Chair)	
Chad Wanke (Board Vice-Chair)	

OTHERS

Brad Hogin, General Counsel	

STAFF

Jim Herberg, General Manager	
Rob Thompson, Assistant General Manager	
Lorenzo Tyner, Assistant General Manager	
Celia Chandler, Director of Human Resources	
Kathy Millea, Director of Engineering	
Lan Wiborg, Director of Environmental Services	
Kelly Lore, Clerk of the Board	

Effective 1/25/2022

ORANGE COUNTY SANITATION DISTRICT
BOARD OF DIRECTORS
Complete Roster

AGENCY/CITIES	ACTIVE DIRECTOR	ALTERNATE DIRECTOR
Anaheim	Stephen Faessel	Gloria Ma'ae
Brea	Glenn Parker	Cecilia Hupp
Buena Park	Art Brown	Connor Traut
Cypress	Paulo Morales	Anne Hertz
Fountain Valley	Patrick Harper	Ted Bui
Fullerton	Jesus J. Silva	Nick Dunlap
Garden Grove	Steve Jones	John O'Neill
Huntington Beach	Kim Carr	Dan Kalmick
Irvine	Anthony Kuo	Farrah N. Khan
La Habra	Rose Espinoza	Steve Simonian
La Palma	Marshall Goodman	Nitesh Patel
Los Alamitos	Ron Bates	NONE
Newport Beach	Brad Avery	Joy Brenner
Orange	Kim Nichols	Chip Monaco
Placentia	Chad Wanke	Ward Smith
Santa Ana	Johnathan Ryan Hernandez	Nelida Mendoza
Seal Beach	Sandra Massa-Lavitt	Schelly Sustarsic
Stanton	David Shawver	Carol Warren
Tustin	Ryan Gallagher	Austin Lumbard
Villa Park	Chad Zimmerman	Robert Collacott

Sanitary/Water Districts

Costa Mesa Sanitary District	Bob Ooten	Art Perry
Midway City Sanitary District	Andrew Nguyen	Mark Nguyen
Irvine Ranch Water District	John Withers	Douglas Reinhart
Yorba Linda Water District	Brooke Jones	Ted Lindsey

County Areas

Board of Supervisors	Donald P. Wagner	Doug Chaffee

ADMINISTRATION COMMITTEE

Regular Meeting Agenda
Wednesday, February 9, 2022 - 5:00 PM

Board Room
Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

AGENDA POSTING: In accordance with the requirements of California Government Code Section 54954.2, this agenda has been posted outside the main gate of the Orange County Sanitation District's Administration Building located at 10844 Ellis Avenue, Fountain Valley, California, and on the Orange County Sanitation District's website at www.ocsan.gov not less than 72 hours prior to the meeting date and time above. All public records relating to each agenda item, including any public records distributed less than 72 hours prior to the meeting to all, or a majority of the Board of Directors, are available for public inspection in the office of the Clerk of the Board.

AGENDA DESCRIPTION: The agenda provides a brief general description of each item of business to be considered or discussed. The recommended action does not indicate what action will be taken. The Board of Directors may take any action which is deemed appropriate.

MEETING AUDIO: An audio recording of this meeting is available within 24 hours after adjournment of the meeting at https://ocsd.legistar.com/Calendar.aspx or by contacting the Clerk of the Board at (714) 593-7433.

NOTICE TO DIRECTORS: To place items on the agenda for a Committee or Board Meeting, the item must be submitted in writing to the Clerk of the Board: Kelly A. Lore, MMC, (714) 593-7433 / klore@ocsan.gov at least 14 days before the meeting.

FOR ANY QUESTIONS ON THE AGENDA, BOARD MEMBERS MAY CONTACT STAFF AT:

General Manager: Jim Herberg, jherberg@ocsan.gov / (714) 593-7300
Asst. General Manager: Lorenzo Tyner, ltyner@ocsan.gov / (714) 593-7550
Asst. General Manager: Rob Thompson, rthompson@ocsan.gov / (714) 593-7310
Director of Human Resources: Celia Chandler, cchandler@ocsan.gov / (714) 593-7202
Director of Engineering: Kathy Millea, kmillea@ocsan.gov / (714) 593-7365
Director of Environmental Services: Lan Wiborg, lwiborg@ocsan.gov / (714) 593-7450

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL AND DECLARATION OF QUORUM:

Clerk of the Board

PUBLIC COMMENTS:

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All written public comments will be provided to the legislative body and may be read into the record or compiled as part of the record.

REPORTS:

The Committee Chairperson and the General Manager may present verbal reports on miscellaneous matters of general interest to the Directors. These reports are for information only and require no action by the Directors.

CONSENT CALENDAR:

Consent Calendar Items are considered to be routine and will be enacted, by the Committee, after one motion, without discussion. Any items withdrawn from the Consent Calendar for separate discussion will be considered in the regular order of business.

1. APPROVAL OF MINUTES 2022-2097

RECOMMENDATION:

Approve Minutes of the Regular Meeting of the Administration Committee held December 8, 2021.

Originator: Kelly Lore

Attachments: Agenda Report
12-08-2021 Administration Committee Minutes

2. MID-YEAR CONSOLIDATED FINANCIAL REPORT FOR THE PERIOD ENDED DECEMBER 31, 2021 **2021-1950**

RECOMMENDATION: Recommend to the Board of Directors to:

Receive and file the Orange County Sanitation District Mid-Year Consolidated Financial Report for the period ended December 31, 2021.

Originator: Lorenzo Tyner

Attachments: Agenda Report
Mid-Year Consolidated Financial Report for the period ended December 31, 2021

3. DESIGNATION OF APPLICANT'S AGENT FOR DISASTER RELIEF **2021-2021**

RECOMMENDATION: Recommend to the Board of Directors to:

Adopt Resolution No. OC SAN 22-XX, entitled: "A Resolution of the Board of Directors of the Orange County Sanitation District authorizing the General Manager or either Assistant General Manager to Execute State Office of Emergency Services and/or Federal Emergency Management Agency Documents and Relevant Permit Applications for Present and Future Disaster Relief Applications; and Repealing Resolution No. OCSD 19-01".

Originator: Kelly Lore

Attachments: Agenda Report
FEMA Designation Resolution OC SAN 22-XX
006-Cal OES 130

4. GENERAL MANAGER APPROVED PURCHASES AND ADDITIONS TO THE PRE-APPROVED OEM SOLE SOURCE LIST **2022-2114**

RECOMMENDATION: Recommend to the Board of Directors to:

A. Receive and file Orange County Sanitation District purchases made under the General Manager's authority for the period of October 1, 2021 to December 31, 2021; and

B. Approve the following additions to the pre-approved OEM Sole Source List for the period of October 1, 2021 to December 31, 2021:

- ACOEM - Vibralign Fixture Laser Alignment Training
- BEAMEX - Beamex Instrumentation Test Equipment Hardware and Software Training

- HAYWORD-GORDON - Hayward-Gordon Pumps, Mixers, and Parts
- INTERTECH - Modicon PLC Hardware, Software, and Network Training
- MIDWAY MFG. & MACHINE COMPANY - Rechargeable Carbon Canisters
- WSG & SOLUTIONS, INC. - Grit Classifier Repair Parts

Originator: Lorenzo Tyner

Attachments: Agenda Report

5. UNIFORM AND JANITORIAL ARTICLES RENTAL SERVICE **2022-2115**

RECOMMENDATION: Recommend to the Board of Directors to:

A. Approve a service contract to Cintas Corporation to provide Uniform and Janitorial Articles Rental Service, Specification No. S-2021-1277BD, for a total amount not to exceed $839,512 for the period beginning April 1, 2022, through March 31, 2025, with one (1) three-year renewal period option; and

B. Approve a three-year contingency of $83,951 (10%).

Originator: Rob Thompson

Attachments: Agenda Report
S-2021-1277BD Draft Service Contract

6. AMENDMENT TO OCSD PERSONNEL POLICIES AND PROCEDURES **2022-2120**

RECOMMENDATION: Recommend to the Board of Directors to:

Adopt Resolution No. OC SAN 22-XX entitled: "A Resolution of the Board of Directors of the Orange County Sanitation District amending the Board of Directors Personnel Policies and Procedures Manual providing for classification, compensation, and other terms, conditions, policies, and procedures governing employment of District employees to include the addition of Policy No. 6.6, Diversity, Equity, and Inclusion; and Amending Resolution No. OCSD 18-18".

Originator: Celia Chandler

Attachments: Agenda Report
Resolution No. OC SAN 22-XX Amendment to 18-18
Draft Policy No. 6.6, Diversity, Equity, and Inclusion
Resolution No. OCSD 18-18

NON-CONSENT:

7. INTERNAL AUDIT UPDATE 2022-2102

RECOMMENDATION: Recommend to the Board of Directors to:

Receive and file the Orange County Sanitation District Contracts Procurement Process Internal Audit Report dated January 4, 2022.

Originator: Lorenzo Tyner

Attachments: Agenda Report
Internal Audit Report - Contracts Procurement Process
List of Past Audits
Audit Schedule

8. CONSIDERATION OF BUDGET ASSUMPTIONS AND BUDGET CALENDAR FOR PREPARATION OF THE FISCAL YEAR 2022-23 and FY 2023-24 BUDGET 2022-2093

RECOMMENDATION:

Approve the FY 2022-23 and FY 2023-24 budget assumptions and direct staff to incorporate these parameters in preparing the FY 2022-23 and FY 2023-24 budget.

Originator: Lorenzo Tyner

Attachments: Agenda Report
FY 2022-23 Budget Assumptions
Budget Calendar 2022-24
Presentation - Budget Assumptions for FY 22-23 and FY 23-24

INFORMATION ITEMS:

9. INVESTMENT PERFORMANCE RESULTS 2022-2101

RECOMMENDATION:

Information Item.

Originator: Lorenzo Tyner

Attachments: Agenda Report
OC San Staff Presentation - Reserves and Investments

10. RISK MANAGEMENT AND INSURANCE UPDATE **2022-2095**

RECOMMENDATION:

Information Item.

Originator: Lorenzo Tyner

Attachments: Agenda Report
Property-Casualty Insurance Status Report with Market Update
Presentation - Risk Management_Insurance Update

11. COVID-19 SEWAGE SURVEILLANCE PROJECT UPDATE **2022-2117**

RECOMMENDATION:

Information Item.

Originator: Lan Wiborg

Attachments: Agenda Report
California Water Quality Monitoring Council Resolution No. 2021-0001
SWRCB Resolution No. 2021-0049
Presentation - COVID Sewer Surveillance Update

DEPARTMENT HEAD REPORTS:

CLOSED SESSION:

None.

OTHER BUSINESS AND COMMUNICATIONS OR SUPPLEMENTAL AGENDA ITEMS, IF ANY:

BOARD OF DIRECTORS INITIATED ITEMS FOR A FUTURE MEETING:

At this time Directors may request staff to place an item on a future agenda.

ADJOURNMENT:

Adjourn the meeting until the Regular Meeting of the Administration Committee on March 9, 2022 at 5:00 p.m.

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

ADMINISTRATION COMMITTEE

Agenda Report

File #: 2022-2097 **Agenda Date:** 2/9/2022 **Agenda Item No:** 1.

FROM: James D. Herberg, General Manager
Originator: Kelly A. Lore, Clerk of the Board

SUBJECT:

APPROVAL OF MINUTES

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

Approve Minutes of the Regular Meeting of the Administration Committee held December 8, 2021.

BACKGROUND

In accordance with the Board of Directors Rules of Procedure, an accurate record of each meeting will be provided to the Directors for subsequent approval at the following meeting.

RELEVANT STANDARDS

- Resolution No. OC SAN 21-04

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- Minutes of the Administration Committee meeting held December 8, 2021

CALL TO ORDER

A regular meeting of the Administration Committee of the Orange County Sanitation District was called to order by Committee Chair Glenn Parker on Wednesday, December 8, 2021 at 5:00 p.m. in the Administration Building of the Orange County Sanitation District. Chair Parker stated that the meeting was being held telephonically and via Internet accessibility in accordance with new provisions in California Government Code Section 54953 and Resolution No. OC SAN 21-20, due to the continued State of Emergency Order. Chair Parker announced the teleconference meeting guidelines.

ROLL CALL AND DECLARATION OF QUORUM:

Roll call was taken and a quorum was declared present, as follows:

PRESENT: Glenn Parker, Anthony Kuo, Art Brown, Kim Carr, Rose Espinoza, Marshall Goodman, Patrick Harper, Andrew Nguyen, David Shawver, Chad Wanke and John Withers

ABSENT: Brad Avery

STAFF PRESENT: Kelly Lore, Clerk of the Board, and Brian Engeln were present in the Board Room. Jim Herberg, General Manager; Rob Thompson, Assistant General Manager; Lorenzo Tyner, Assistant General Manager; Celia Chandler, Director of Human Resources; Kathy Millea, Director of Engineering; Lan Wiborg, Director of Environmental Services; Jennifer Cabral; Mortimer Caparas; Brian Engeln; Brad Hamilton; Tina Knapp; Tom Meregillano; Rob Michaels; Wally Ritchie; Thomas Vu; Brian Waite; Wasantha Weedagama; Eros Yong; and Ruth Zintzun were in attendance telephonically.

OTHERS PRESENT: Brad Hogin, General Counsel, was in attendance telephonically.

PUBLIC COMMENTS:

None.

REPORTS:

Chair Parker announced that the Board of Directors meeting this month will be held on December 15 due to the upcoming Holiday season and that OC San Administrative offices would be closed on December 23, 24 & 31 in observance of the Christmas and New Year's holidays.

General Manager Jim Herberg did not provide a report.

CONSENT CALENDAR:

1. APPROVAL OF MINUTES [2021-2005]

Originator: Kelly Lore

MOVED, SECONDED, AND DULY CARRIED TO:

Approve Minutes of the Regular Meeting of the Administration Committee held November 10, 2021.

AYES: Glenn Parker, Anthony Kuo, Art Brown, Kim Carr, Mark Chirco, Rose Espinoza, Marshall Goodman, Patrick Harper, Andrew Nguyen, David Shawver, Chad Wanke and John Withers
NOES: None
ABSENT: Brad Avery
ABSTENTIONS: None

2. ADD RIALTO BIOENERGY FACILITY CONTRACT TO BIOSOLIDS ACCOUNT POOL [2021-1954]

Originator: Lan Wiborg

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

Ratify the addition of the Rialto Bioenergy Facility, LLC. biosolids contract to the Biosolids Account Pool effective July 28, 2021.

AYES: Glenn Parker, Anthony Kuo, Art Brown, Kim Carr, Mark Chirco, Rose Espinoza, Marshall Goodman, Patrick Harper, Andrew Nguyen, David Shawver, Chad Wanke and John Withers
NOES: None
ABSENT: Brad Avery
ABSTENTIONS: None

3. PROFESSIONAL RISK MANAGEMENT CONSULTANT AGREEMENT [2021-2000]

Originator: Lorenzo Tyner

MOVED, SECONDED, AND DULY CARRIED TO:

Approve a sole source Professional Consultant Services Agreement with John J. Preston, Specification No. SSJ 2468, to perform professional risk management consulting services for the Orange County Sanitation District, which includes overseeing property and general liability loss control and setting loss control requirements on public bids and contracts, risk transfer, loss prevention, and risk reduction in an amount not to exceed $150,000 per year, for a term of one year beginning December 1, 2021 through November 30, 2022; with up to two (2) one-year renewal options.

AYES: Glenn Parker, Anthony Kuo, Art Brown, Kim Carr, Mark Chirco, Rose Espinoza, Marshall Goodman, Patrick Harper, Andrew Nguyen, David Shawver, Chad Wanke and John Withers

NOES: None

ABSENT: Brad Avery

ABSTENTIONS: None

4. INVEST AND/OR REINVEST ORANGE COUNTY SANITATION DISTRICT'S FUNDS AND ADOPT INVESTMENT POLICY STATEMENT **2021-1705**

Originator: Lorenzo Tyner

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

Adopt Resolution No. OC SAN 21-XX, entitled: "A Resolution of the Board of Directors of the Orange County Sanitation District Authorizing the Orange County Sanitation District's Treasurer to Invest and/or Reinvest the Orange County Sanitation District's Funds, Adopting the Orange County Sanitation District's Investment Policy Statement and Performance Benchmarks, and Repealing Resolution No. OCSD 20-13".

AYES: Glenn Parker, Anthony Kuo, Art Brown, Kim Carr, Mark Chirco, Rose Espinoza, Marshall Goodman, Patrick Harper, Andrew Nguyen, David Shawver, Chad Wanke and John Withers

NOES: None

ABSENT: Brad Avery

ABSTENTIONS: None

5. ADOPT ORANGE COUNTY SANITATION DISTRICT'S DEBT POLICY **2021-1909**

Originator: Lorenzo Tyner

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

Adopt Resolution No. OC SAN 21-XX, entitled: "A Resolution of the Board of Directors of the Orange County Sanitation District Adopting the Orange County Sanitation District's Debt Policy and Repealing Resolution No. OCSD 20-12".

AYES:	Glenn Parker, Anthony Kuo, Art Brown, Kim Carr, Mark Chirco, Rose Espinoza, Marshall Goodman, Patrick Harper, Andrew Nguyen, David Shawver, Chad Wanke and John Withers
NOES:	None
ABSENT:	Brad Avery
ABSTENTIONS:	None

NON-CONSENT:

6. DEFERRED PAYMENT AGREEMENT REQUEST FOR CHARGES AND FEES OWED BY NOR-CAL BEVERAGE CO., INC. INDUSTRIAL WASTEWATER DISCHARGE PERMITTEE **2021-2009**

Originator: Lorenzo Tyner

Assistant General Manager Lorenzo Tyner provided a brief update and short PowerPoint presentation regarding the item.

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

Approve a deferred payment agreement with Nor-Cal Beverage Co., Inc. for charges owed for user fees in the amount of $496,231.50.

AYES:	Glenn Parker, Anthony Kuo, Art Brown, Kim Carr, Mark Chirco, Rose Espinoza, Marshall Goodman, Patrick Harper, Andrew Nguyen, David Shawver, Chad Wanke and John Withers
NOES:	None
ABSENT:	Brad Avery
ABSTENTIONS:	None

7. WASTEWATER REFUNDING REVENUE OBLIGATIONS, SERIES 2022A **2021-1838**

Originator: Lorenzo Tyner

Mr. Tyner provided a brief introduction to the item.

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

A. Adopt Resolution No. OC SAN 21-XX entitled: “A Resolution of the Board of Directors of the Orange County Sanitation District authorizing the execution and delivery by the District of an Installment Purchase Agreement, a Trust Agreement, and a Continuing Disclosure Agreement in connection with the Orange County Sanitation District Wastewater Refunding Revenue Obligations, Series 2022A, authorizing the execution and delivery of such Revenue Obligations evidencing principal in an aggregate amount of not to exceed $107,315,000, approving a Notice of Intention to Sell, authorizing the distribution of an Official Notice Inviting Bids and an Official Statement in connection with the offering and sale of such Revenue Obligations and authorizing the execution of necessary documents and related actions”; and

B. That the Orange County Sanitation District Financing Corporation approve the documents supporting and authorizing the Revenue Obligations in an aggregate amount not to exceed $107,315,000.

AYES: Glenn Parker, Anthony Kuo, Art Brown, Kim Carr, Mark Chirco, Rose Espinoza, Marshall Goodman, Patrick Harper, Andrew Nguyen, David Shawver, Chad Wanke and John Withers

NOES: None

ABSENT: Brad Avery

ABSTENTIONS: None

8. NINTEX APPLICATION DEVELOPMENT SERVICES **2021-1980**

Originator: Lorenzo Tyner

Mr. Tyner introduced IT Systems and Operations Manager Rob Michaels who provided a brief overview of the necessity of the item.

MOVED, SECONDED, AND DULY CARRIED TO: Recommend to the Board of Directors to:

Approve a Professional Services Agreement to AgreeYa Solutions, Inc. to provide Nintex Application Development Services, Specification No. CS-2021-1243BD, for a total amount not to exceed $300,000.

AYES: Glenn Parker, Anthony Kuo, Art Brown, Kim Carr, Mark Chirco, Rose Espinoza, Marshall Goodman, Patrick Harper, Andrew Nguyen, David Shawver, Chad Wanke and John Withers

NOES: None

ABSENT: Brad Avery

ABSTENTIONS: None

INFORMATION ITEMS:

9. ORANGE COUNTY SANITATION DISTRICT 2021 ASSET MANAGEMENT PLAN 2021-1994

Originator: Kathy Millea

Engineering Supervisor Brian Waite provided a PowerPoint presentation recapping the 2021 Asset Management Plan.

ITEM RECEIVED AS AN:

Information Item.

10. PURCHASING, CONTRACTS, AND MATERIALS MANAGEMENT DEPARTMENT OVERVIEW 2021-1428

Originator: Lorenzo Tyner

Purchasing and Contracts Manager Ruth Zintzun provided a PowerPoint presentation which provided an overview of the Purchasing, Contracts, and Materials Management department.

ITEM RECEIVED AS AN:

Information Item.

DEPARTMENT HEAD REPORTS:

None.

CLOSED SESSION:

None.

OTHER BUSINESS AND COMMUNICATIONS OR SUPPLEMENTAL AGENDA ITEMS, IF ANY:

None.

BOARD OF DIRECTORS INITIATED ITEMS FOR A FUTURE MEETING:

None.

ADJOURNMENT:

Chair Parker declared the meeting adjourned at 5:39 p.m. to the next Regular Administration Committee meeting to be held on Wednesday, February 9, 2022 at 5:00 p.m.

Submitted by:

____

Kelly A. Lore, MMC
Clerk of the Board

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

ADMINISTRATION COMMITTEE

Agenda Report

File #: 2021-1950 **Agenda Date:** 2/9/2022 **Agenda Item No:** 2.

FROM: James D. Herberg, General Manager
Originator: Lorenzo Tyner, Assistant General Manager

SUBJECT:

MID-YEAR CONSOLIDATED FINANCIAL REPORT FOR THE PERIOD ENDED DECEMBER 31, 2021

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

Receive and file the Orange County Sanitation District Mid-Year Consolidated Financial Report for the period ended December 31, 2021.

BACKGROUND

Included in this consolidated report are the following mid-year financial reports for the period ended December 31, 2021:

- **Mid-Year Budget Review**
  The Budget Review Summary provides the Directors, staff, and general public with a comprehensive overview of the mid-year financial results of the Orange County Sanitation District (OC San) for the period ended December 31, 2021.

- **Mid-Year Treasurer's Report**
  This section reports on financial portfolio performance with respect to the OC San's funds. Both Long-Term and Liquid Operating Monies Portfolios are summarized. A performance summary table can be found on page 2 of this agenda report. The report also contains information on the U.S. and global economic outlook from OC San's investment manager, Chandler Asset Management.

- **Mid-Year Certificates of Participation (COP) Report**
  The report includes a summary of each outstanding debt issuance and a comparative chart illustrating the COP rate history.

RELEVANT STANDARDS

- Quarterly financial reporting

ADDITIONAL INFORMATION

The mid-year treasurer's report contained within the Consolidated Financial Reports for the period ended December 31, 2021, is being submitted in accordance with the OC San's investment policy that requires the report be submitted to the governing body following the end of each quarter and includes the following information:

- Performance results in comparison with the ICE BAML 3-month treasury bill index for the liquid operating portfolio; and the ICE BAML Corp./Govt. 1-5 Year Bond index for the long-term portfolio as identified in the investment policy; and the time-weighted total rate of return for the portfolio for the prior three months, six months, nine months, twelve months, and since inception compared to the Benchmark returns for the same periods:

Portfolio Performance Summary
As of December 31, 2021

	Liquid Operating Monies (%)		Long-Term Operating Monies (%)	
	Total Rate of Return	Benchmark	Total Rate of Return	Benchmark
3 Months	0.00	0.01	-0.63	-0.69
6 Months	0.02	0.02	-0.61	-0.67
9 Months	0.04	0.02	-0.42	-0.47
12 Months	0.08	0.05	-0.92	-1.00
Annualized Since Inception 30 Nov 2014	0.97	0.86	1.80	1.76

- A listing of individual securities held at the end of each reporting period (see the detailed listings of each security contained within the report).

- Cost and market values of the portfolios:

	Liquid Operating	Long-Term
Cost	$231.0 M	$736.0 M
Market Value	$230.9 M	$742.2 M

- Modified duration of the portfolio compared to the Benchmark:

	Liquid Operating	Long-Term
OC San Policy	< 0.50	< 5.00
Benchmark	0.15	2.59
Portfolio	0.27	2.37

- Dollar change in value of the portfolio for a one percent (1%) change in interest rates:

  Liquid Operating - $628,508
  Long- Term - $17,608,896

- None of the portfolios are currently invested in reverse repurchase agreements.

- The percent of the Liquid Operating Monies portfolio maturing within 90 days: 48.2%

- Average portfolio credit quality:

  Liquid Operating - AA+/Aaa
  Long- Term - AA+/Aa1

- Percent of portfolio with credit ratings below "A" by any rating agency and a description of such securities:

  Liquid Operating - 0.9%
  Long- Term - Percent of portfolio - 1.2%

	Cost	Maturity Date	Moody	S&P	Fitch
Morgan Stanley Note	$2,047.260.00	5/19/2022	A1	BBB+	A
SLM Student Loan Trust 2008-9 A	$9,471.93	4/25/2023	Baa3	B	B
AMRESCO Residential Securities 1999-1 A	$89,377.81	6/25/2029	NR	BBB	BBB
Morgan Stanley Callable Note Cont	$8,889,710.25	5/30/2025	A1	BBB+	A

- All investments are in compliance with this policy and the California Government Code, except for the following Lehman Brother holdings that OC San is pursuing collection through the bankruptcy court:

  Lehman Brothers Note-Defaulted $600,000 par value purchased 9/19/2008
  Lehman Brothers Note-Defaulted $2,000,000 par value purchased 9/18/2008

- Sufficient funds are available for the OC San to meet its operating expenditure requirements for the next six months.

CEQA

N/A

FINANCIAL CONSIDERATIONS

N/A

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- Mid-Year Consolidated Financial Report for the period ended December 31, 2021

ORANGE COUNTY SANITATION DISTRICT

Mid-Year Financial Report

for the period ended December 31, 2021

ORANGE COUNTY SANITATION DISTRICT

Orange County, California

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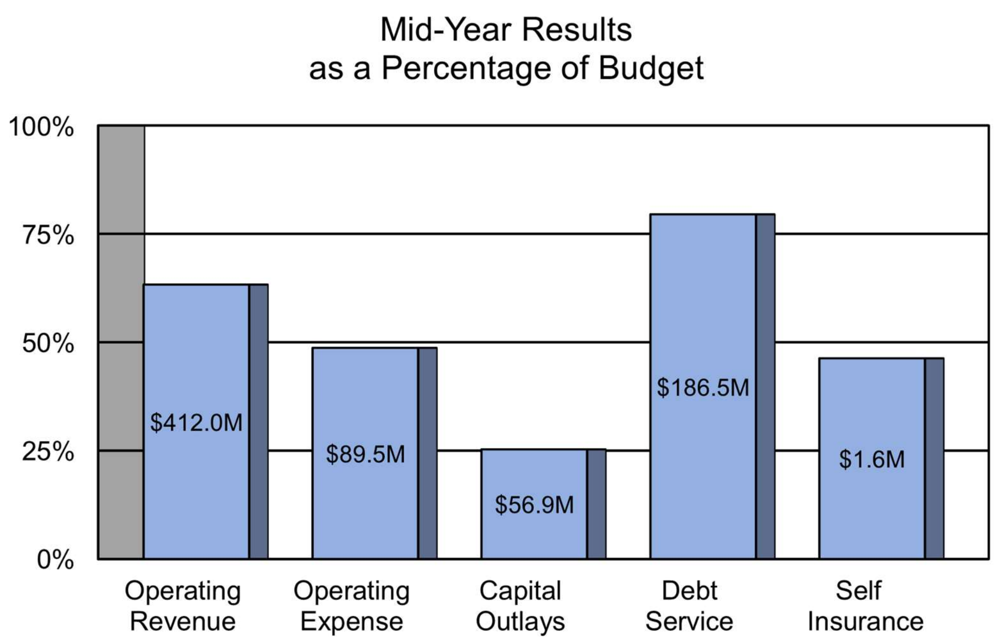
Consolidated Financial Reports
For the Mid-Year Ended
December 31, 2021

Included in this consolidated report are the following quarterly financial reports for the period ended December 31, 2021:

- **Mid-Year Budget Review:**
  The Consolidated Financial Reports Section provides the Directors, staff, and the general public with a comprehensive overview of the financial results of the Orange County Sanitation District (OC San) through the mid-year ended December 31, 2021.

  Contained within the Budget Review Sections 2 through 5 is the budget-to-actual status of the Collection, Treatment and Disposal Operations, Capital Improvement Program, Debt Service, and Self-Insurance Program. Also included is a Capital Assets Schedule as of December 31, 2021. The chart below provides for a summary of these activities.



Various detail information can be found in this report. Below is a descriptive summary of these activities through December 31, 2021:

a) Most major expense categories are anticipated to be at or below budget.

b) Total revenues are at 63.3 percent of the $650.9 million budget, mainly due to the receipt of $164.4 million from the issuance of Revenue Refunding Certificates of Participation, Series 2021A, during the first quarter of the fiscal year. The obligations were issued to refund $61.6 million of the Series 2011A wastewater refunding revenue obligations and $102.2 million of the Series 2018A revenue certificate anticipation notes. Except for Intra District Sewer Use-IRWD, Sludge Disposal-IRWD, Capital Assessments-IRWD, Interest Earnings, CIP Reimbursements, Grant Revenue, and Other Revenues, most revenue sources are currently tracking close to or exceeding revenue estimates. Overall, total revenues are projected to approximate budget at year-end. More detailed information on revenues is provided within Section 1 – Pages 4 through 6.

c) Collection, Treatment and Disposal Costs:
As indicated within the Consolidated Financial Reports Section of this report, the net operating requirements through the mid-year of $89.5 million is currently tracking at 48.7 percent of the $184.0 million budget. In addition, net operating expenses have increased $2.6 million or 2.9 percent in comparison with the same period last year. Overall, staff expects the total operating costs to remain at or slightly below budget throughout the remainder of the year. More detailed information on operating expenses is provided within Section 1 – Pages 1 through 3.

The total cost per million gallons is $2,695 based on flows of 181 million gallons per day. This is $14 per million gallons, or 0.5 percent higher than the budgeted cost per million gallons per day. A further description of these costs and benchmarking with other agencies is contained within Section 1 – Pages 7 through 9.

d) The total projected capital outlay cash flow of the Capital Improvement Program (CIP) for FY 2021-22 has been revised to $204.8 million, or 91.2 percent of the board approved cash outlay of $224.6 million. The actual cash outlay spending through the mid-year is $56.9 million, or 25.3 percent of the total budgeted outlay. More detailed information on the CIP budget review can be found in Section 1 – Page 10 and Section 3.

- **Mid-Year Treasurer's Report**
This section reports on financial portfolio performance with respect to OC San's funds. Both Long-Term and Liquid Operating Monies Portfolios are summarized. A performance summary table can be found on page 2 of this section. The report also contains information on the national economic outlook from OC San's money manager, Chandler Asset Management (Chandler).

Chandler notes the Long-Term Portfolio quarterly return of negative 63 basis points outperformed the ICE BAML 1-5 Year US Corp/Govt Rated AAA-A Index return of negative 69 basis point, while the Liquid Operating Monies Portfolio quarterly return of 0 basis points underperformed the ICE BAML 3-Month US Treasury Bill Index return of 1 basis point.

Chandler further notes that Fed policymakers have recently pivoted toward a more hawkish stance as inflation indices continue to run hot and the labor market appears relatively tight, given their dual mandate of promoting maximum employment and stable prices. Although labor force participation remains lower than it was prior to the pandemic, there are signals the economy may be near full employment within the context of the current health situation. The unemployment rate declined from 6.7% to 3.9% in 2021, a high percentage of workers are voluntarily quitting jobs, the level of job openings relative to those looking for work remains high, and wage growth has been strong. Meanwhile, inflation continues to run well above the Fed’s long-run 2.0% target. The Consumer Price Index excluding food and energy was up 5.5% in December. The Core PCE index, the Fed’s preferred inflation measure, was up 4.7% year-over-year in the latest report. Given the current inflation and employment dynamics, Fed policymakers have begun discussing plans to remove monetary policy accommodation. The Fed is currently tapering its asset purchases and Chandler expects that process will be complete within the next few months. Should aggregate demand remain strong and economic activity remain robust, Chandler believes the first rate hike may be announced in the first half of this year after the taper is complete. However, Chandler does not believe monetary policy is on a pre-set course. Chandler expects the Fed to adjust policy at a gradual pace and believe policymakers will adjust their views as necessary based on incoming economic and financial market data.

Chandler believes US economic growth is likely to moderate this year but remain above the long-run trend rate of growth. The consensus forecast for GDP growth this year is 3.9% versus estimated growth of 5.6% in 2021. Amid the current surge of virus infection rates, Chandler believes global supply chains remain challenged and Chandler sees risk to the first quarter US GDP consensus estimate of 3.9%. Nevertheless, Chandler believes aggregate consumer demand remains strong and consumer spending, the largest component of US GDP, should remain solid this year, supported by healthy consumer balance sheets, an improving health situation, and ongoing improvement in the labor market. Chandler expects supply chain bottlenecks will continue to put upward pressure on inflation over the near-term but Chandler believes inflation may be at or near a peak. Chandler believes pricing pressure is likely to abate in the second half of this year amid an improving global health backdrop and less acute global supply chain stress.

In December, the 2-year Treasury yield increased nearly 17 basis points to 0.73%, the 5-year Treasury yield increased ten basis points to 1.26%, and the 10-year Treasury yield increased about seven basis points to 1.51% in the month. Chandler has witnessed a relatively swift move in Treasury rates this month with the 2-year Treasury yield up roughly 19 basis points, and the 10-year Treasury yield up more than 20 basis points, year-to-date.

At the end of December, the 2-year Treasury yield was about 61 basis points higher and the 10-Year Treasury yield was about 60 basis points higher, year-over-year. Chandler believes Treasury yields are likely to increase further this year, across the curve.

The Consumer Price Index (CPI) was up 7.0% year-over-year in December, versus up 6.8% year-over-year in November. Core CPI (CPI less food and energy) was up 5.5% year-over-year in December, versus up 4.9% in November. The Personal Consumption Expenditures (PCE) index was up 5.7% year-over-year in November, up from 5.1% in October. Core PCE was up 4.7% year-over-year in November, versus up 4.2% in October. Current inflation readings continue to run well above the Fed's longer-run target of around 2.0%. Upward pressure on inflation from supply chain bottlenecks and pandemic-related disruptions is likely to remain elevated over the near-term.

Economic Outlook

Fixed income markets are entering an inflection point in 2022 and volatility across asset classes is forecasted to increase as the outlook for monetary policy shifted materially in the fourth quarter of 2021. Since the onset of the coronavirus pandemic in 2020 developed market central banks have worked in a mostly synchronized manner, striving to set policy in a predictable fashion and suppress volatility in an effort to support the economic recovery; this dynamic will change in 2022. The inability of the coronavirus pandemic to recede for a sustained period of time has contributed to unintended consequences acutely manifesting in global demand and supply constraints. In the United States, the shortage of workers is leading to accelerated wage gains, particularly in the service sector, adding to the pressure on realized inflation data points. Although market-based measures of long-term inflation remain "anchored" and US Treasury Yields are below 2.0% out to the ten-year maturity point, realized inflation is now at uncomfortable levels with year-over-year Core PCE inflation most recently at 4.7% (November 2021) compared to a reading of 1.5% in December 2020. Most market participants are forecasting inflation readings to moderate in 2022, partly due to base effects in 2022 compared to 2021 and an easing of some of the supply side constraints, but the magnitude and pace of the reduction is a significant market uncertainty. Central bank policy makers are embracing risk management considerations via accelerating the unwinding of several of the policy support tools created during the pandemic to create policy optionality in the event the forecasted reduction in realized inflation does not occur. The US Federal Reserve is no longer extremely dovish, dropping the "transitory" description of inflation, arguing their dual mandates of full employment and stable prices has mostly been met. US growth is forecast to remain above trend in 2022 and the Federal Reserve will remove some policy accommodation via moderately increasing the Fed Funds rate and a reduction in the size of the balance sheet, but overall financial conditions are unlikely to enter restrictive territory in Chandler's judgement.

The pace of job creation slowed during the fourth quarter of 2021 with the three-month moving average on non-farm payrolls contracting to a still robust 331k as of December 2021 compared to 651k as of September 2021. The U3 unemployment rate is now at 3.9%, compared to 4.7% in September, however the participation rate remains below pre-pandemic levels of 61.9% in December 2021 compared to

63.4% in January 2020, before the onset of the coronavirus pandemic in the United States. Average hourly earnings on a year over year basis are at 4.7% as of December 2021, compared to 3.0% in January 2020. As the coronavirus pandemic matures and enters the endemic stage, Chandler believes the participation rate will begin to increase, helping to offset some of the recent wage inflation. Moving to the endemic stage will also help to improve immigration into the United States, which has been underwhelming of late, adding to the supply of available workers. On a longer-term basis, Chandler expects constraints related to global supply chains to ease as more manufacturing capacity moves onshore and the impact of the coronavirus dissipates across regions as more of the global population enters the labor force. Assuming above trend growth and still accommodative financial conditions, despite monetary policy shifting, Chandler believes the backdrop for risk assets will remain constructive in 2022 albeit with higher levels of market volatility compared to 2021.

Interest rates increased during the quarter leading to a negative total return for most fixed income strategies. The Treasury curve also continued its recent flattening trend, with two year Treasury notes increasing by 46 basis points during the quarter, five year Treasury notes increasing by 30 basis points, and the ten year Treasury only increasing by 2 basis points, despite the more elevated inflation readings during the quarter. Domestic equity markets outperformed following the flattish performance for the S&P 500 in Q3 2021, with the index returning more than 10% on a quarter over quarter basis in Q4 2021. Chandler expects increased market volatility in 2022 and will be actively adjusting the portfolios underlying constituents and structure to generate solid risk adjusted returns over the cycle.

- **Mid-Year Certificates of Participation (COP) Report**
  The report includes a summary of each outstanding debt issuance and a comparative chart illustrating the COP rate history.

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Mid-Year Financial Report
December 31, 2021

The Financial Management Division is pleased to present the FY 2021-22 mid-year financial report. This report provides a comprehensive overview of the financial activities of the Orange County Sanitation District (OC San) and reports on the status of all capital projects in progress. A summary of the sections contained within this report is provided below.

Operating Budget Review: This section reports on collection, treatment, and disposal net operating requirements.

At December 31, 2021, 48.7 percent, or $89.5 million of the FY 2021-22 net operating budget of $184.0 million has been expended. Net operating expenses increased from the same period last year by $2.6 million, or 2.9 percent, mainly due to an increase of $2.2 million in Salaries and Benefits, $770,000 in Professional Services, $643,000 in Utilities, $260,000 in Administrative Expenses, and $45,000 in Operating Materials and Supplies, partially offset by a decrease of $635,000 in Other Operating Supplies, $532,000 in Repairs and Maintenance, $145,000 in Research and Monitoring, and $99,000 in Contractual Services. These and other variances that factor into this net increase in expenses are discussed in more detail below. **Overall, staff expects the total operating costs to remain at or slightly below budget through the remainder of the year.**

At December 31, 2021, 63.3 percent, or $412.0 million of the FY 2021-22 budgeted total revenues of $650.9 million has been recognized. Revenues increased from the same period last year by $154.7 million, or 60.2%, mainly due to receipt of $164.4 million from issuance of Revenue Refunding Certificates of Participation, Series 2021A, during the first quarter of the fiscal year. Other increases include $4.9 million in Capital Facilities Capacity Charges and $3.6 million in Property Taxes, which are offset by a decrease of $9.4 million in Sludge Disposal-IRWD, $7.0 million in Interest Earnings, $803,000 in Service Fees, and $792,000 in Intra District Sewer Use-IRWD. These and other variances that factor into this net increase in revenues are discussed in more detail below. **Overall, staff expects the total revenues to be at or slightly above budget at the end of the fiscal year.**

Significant operating results as of December 31, 2021, include the following:

- <u>Salaries, Wages and Benefits</u> – **Personnel costs of $54.2 million are on target at 50.1 percent of the budget through the mid-year of FY 2021-22.** The budget is based on a 5 percent vacancy factor, and staffing is 19 full-time equivalents (FTEs), or 3.0 percent below the total 639 FTEs approved in the FY 2021-22 budget. Salary and benefit costs are $2.2 million, or 4.3 percent higher than the $51.9 million incurred in the same period last year, mainly due to an increase of $1.6 million in Salaries and Wages, $423,000 in Group Insurances, and $131,000 in Workers'

Compensation. **Net operating personnel costs are expected to approximate budget throughout the remainder of the year.**

- Administrative Expenses – **Administrative Expenses totaled $1.3 million, or 63.0 percent of the $2.1 million budget through December 31.** These costs are $260,000, or 25.0 percent higher at December 31 in comparison with the prior year, mainly due to an increase of $136,000 in Small Computer Items, $63,000 in Minor Furniture & Fixtures for installation of Plant No. 2 Maintenance workstations, and $62,000 in Memberships. **It is anticipated that administrative costs will approximate or be above budget at year-end.**

- Printing and Publication Expenses – **Printing and Publication Expenses totaled $123,000, or 29.3 percent of the $420,000 budget through December 31.** These costs are $11,000, or 10.1 percent higher at December 31 in comparison with the prior year, due to an increase in costs incurred for legal notices and employment recruitment. **Printing and publication costs are expected to be below budget at year-end.**

- Training and Meetings – **Training and meetings of $190,000 is below target at 21.0 percent of the $907,000 budget through December 31.** This account is lower than the proportionate budget due to the timing and need for training throughout the year, and the limiting or canceling of in-person training and meetings in response to the COVID-19 pandemic. These costs have increased over the same period last year by $6,000, or 3.2 percent. **Total training and meeting costs are anticipated to be below budget at year-end.**

- Operating Materials and Supplies – **Operating materials and supplies of $10.5 million is approximating the target at 47.8 percent of the $22.0 million budget through December 31.** Operating Materials and Supplies is higher than the prior year by $45,000, or 0.4 percent, mostly due to increases of $207,000 in Odor and Corrosion Control, $144,000 in Chemical Coagulants resulting from increased usage of cationic polymer, and $67,000 in Gasoline, Diesel, and Oil, offset by a decrease of $190,000 in Disinfection from reduced purchases of sodium hypochlorite and $187,000 in Tools. **Based on current processes, operating materials and supplies are anticipated to approximate budget at year-end.**

- Contractual Services – **Contractual services is below target at $8.3 million, or 43.3 percent of the $19.1 million budget through December 31.** Solids Removal costs, budgeted at $13.1 million, comprise the majority of this expense category at $5.8 million, or 44.6 percent of its budget at December 31. Contractual Services is lower by $99,000, or 1.2 percent over the same period last year, mainly due to the decrease of $67,000 in Other Contractual Services and $65,000 in Other Waste Disposal. County Service Fees totaled only $12,000, or 2.4 percent of the $504,000 budget through the mid-year, as the preponderance of these fees are billed by the County in the fourth quarter. **Total contractual services costs are anticipated to approximate or be below budget at year-end.**

- Professional Services – **Professional services costs totaled $2.3 million, or 33.4 percent of the $6.9 million budget through December 31.** Professional services costs, such as Environmental Scientific Consulting, Software Program Consulting, Industrial Hygiene Services and Other Professional Services, are proportionately low through December 31 due to a variety of factors such as timing of services and re-evaluation of need for services. These costs are $770,000, or 50.1 percent higher at December 31 in comparison with the prior year, mainly due to an increase of $361,000 in Legal Services, $236,000 in Engineering, and $106,000 in Other Professional Services. **It is anticipated that the costs for this category will be below budget at year-end.**

- Research and Monitoring – **Research and monitoring costs totaled $697,000, or 45.0 percent of the $1.5 million budget through December 31.** These costs are $145,000, or 17.3 percent lower at December 31 in comparison with the prior year, due to a decrease of $153,000 in Environmental Monitoring costs for ocean water quality analysis and $12,000 in Air Quality Monitoring costs for emissions testing, offset by an increase of $20,000 in Research costs reflecting the higher annual contribution to Southern California Coastal Water Research Project. **Total research and monitoring costs are anticipated to approximate budget at year-end.**

- Repairs and Maintenance – **Repairs and maintenance costs totaled $15.0 million, or 50.4 percent of the $29.7 million budget through December 31.** These costs are $532,000, or 3.4 percent lower at December 31 in comparison with the prior year, due to a decrease in repair and maintenance services and materials, such as for secondary clarifier repairs. **It is anticipated that the costs for this category will approximate budget at year-end.**

- Utilities – **Utilities costs totaled $5.7 million, or 61.2 percent of the $9.3 million budget through December 31.** These costs are $643,000, or 12.7 percent higher at December 31 in comparison with the prior year, primarily due to an increase of $631,000 for Power due to greater electricity consumption and higher unit costs and $94,000 for Natural Gas as the result of a volatile market price index, partially offset by a decrease of $93,000 for Water. **It is anticipated that the costs will be above budget at year-end.**

- Other Operating Supplies – **Other operating supplies costs totaled $1.6 million, or 39.2 percent of the $4.2 million budget through December 31.** Property and General Liability Insurance, budgeted at $2.2 million, comprise the majority of this expense category at $1.1 million. Overall, Other Operating Supplies is $635,000, or 27.8 percent lower at December 31 in comparison with the prior year, primarily due to a decrease of $718,000 in Regulatory Operating Fees from the timing of payments for ocean discharge permit fees, which is partially offset by an increase of $124,000 in Miscellaneous Operating Expense due to sampling and analysis of polyfluoroalkyl substances (PFAS). **It is anticipated that other operating supplies costs will approximate budget at year-end.**

FY 2021-22 Mid-Year Financial Report

- Revenues – Service Fees and Property Taxes – **Through December 31, revenues from Service Fees are at $167.6 million, or 55.5 percent of the $301.8 million budget and Property Taxes are at $61.9 million, or 60.0 percent of the $103.2 million budget.** These items comprise the majority of OC San's revenues and are mostly collected by the County through the property tax roll and distributed to OC San throughout the year based on a set distribution schedule that begins in November of each year. The decrease of $803,000, or 0.5 percent in service fee revenue over the prior year is primarily due to the timing of receipts. The property tax revenue increase of $3.6 million, or 6.2 percent over the prior year is a result of the timing of secured and redevelopment agency tax receipts, as well as growth in assessed property values. **These revenues are expected to approximate budget at year-end.**

- Revenues – Permit Fees – **Permit Fees are at $6.6 million, or 52.1 percent of the $12.6 million budget.** The revenues through the mid-year are higher than the same period last year by $338,000, or 5.4 percent, due to rate increases and the number of permittees fluctuating from year to year as businesses establish or cease their operations. **Permit Fees revenues are expected to approximate budget at year-end.**

- Revenues – Inter District Sewer Use – SAWPA and SBSD – **Inter District Sewer Use-SAWPA and SBSD are at $1.4 million, or 52.1 percent of the $2.7 million budget.** This revenue is derived from charges to the Santa Ana Watershed Protection Agency (SAWPA) and Sunset Beach Sanitary District (SBSD) for treatment of flows. The revenues through the mid-year are higher than the same period last year by $17,000, or 1.2 percent, due to an increase in operation and maintenance charges based on flows received from these agencies. **These revenues are expected to approximate budget at year-end.**

- Revenues – Intra District Sewer Use – IRWD – **Intra District Sewer Use-IRWD are at $197,000, or 4.2 percent of the $4.6 million budget.** This revenue is derived from charges to the Irvine Ranch Water District (IRWD) for treatment of flows. The revenues through the mid-year are lower than the same period last year by $792,000, or 80.1 percent, due to a decrease of $551,000 in operating and maintenance charges to IRWD, resulting from a prior year adjustment, and an increase of $455,000 in property tax income allocated to IRWD, offset by a decrease of $214,000 in interest income allocated to IRWD. **These revenues are expected to be below budget at year-end.**

- Revenues – Sludge Disposal – IRWD – **Sludge Disposal-IRWD, budgeted at $6.1 million, has not recognized any revenues through December 31.** This revenue is for the handling, treatment, and disposal of solids derived from flows discharged by IRWD to OC San. Billings are based on estimates, with a reconciled adjustment recorded in subsequent years. The revenues through the mid-year are lower than the same period last year by $9.4 million, or 100.0 percent, due to IRWD commissioning their new solids processing facilities and reducing their diversion of solids to OC San's line to near zero. Consequently, no billings have been produced through December 31. **It is anticipated that IRWD sludge disposal revenues will be below budget at year-end.**

- Revenues – Capital Assessments – IRWD – **Capital Assessments-IRWD are at $1.5 million, or 18.6 percent of the $7.9 million budget**. The revenues through the mid-year are higher than the same period last year by $195,000, or 15.3 percent, mainly due to an increase in joint capital costs allocable to IRWD. **It is estimated that IRWD capital assessments revenues will be below budget at year-end.**

- Revenues – Capital Facilities Capacity Charges (CFCC) – **CFCC are at $9.3 million, or 55.5 percent of the $16.7 million budget.** The revenues through the mid-year are higher than the same period last year by $4.9 million, or 112.2 percent, due to increases in capacity charges collected from local agencies and supplemental charges assessed to industrial dischargers. **These revenues are expected to approximate budget at year-end.**

- Revenues – Interest Earnings – **Interest Earnings are at negative $3.9 million, or -27.1 percent of the $14.5 million budget.** The revenues through the mid-year are lower than the same period last year by $7.0 million, or 227.1 percent, due to a negative total rate of return on securities held in the long-term investment portfolio, which is largely comprised of unrealized losses. **It is estimated that interest earnings will be below budget at year-end**.

- Revenues – CIP Reimbursements – **CIP Reimbursements are at $1.6 million, or 13.7 percent of the $11.8 million budget.** This revenue is $468,000, or 22.4 percent lower than the same period last year and is due to timing of reimbursements for construction projects, such as the budgeted $8.6 million from Orange County Water District (OCWD) for P2-122 Headworks Modifications at Plant No. 2 for GWRS Final Expansion and $3.1 million from OCWD for J-117B Outfall Low Flow Pump Station. **These revenues are expected to approximate or be below budget at year-end.**

- Revenues – Wastehauler – **Wastehauler revenues are at $438,000, or 58.4 percent of the $750,000 budget.** This revenue is derived from fees charged to wastehaulers, allowing them to dump waste into OC San's system. The revenues through the mid-year are higher than the same period last year by $57,000, or 14.9 percent, due to an increase in waste dumping. **These revenues are expected to approximate or be above budget at year-end.**

- Revenues – CNG Sales – **CNG Sales revenues are at $169,000, or 42.2 percent of the $400,000 budget.** This revenue is derived from public sales at OC San's Compressed Natural Gas (CNG) fueling station. The revenues through the mid-year are higher than the same period last year by $61,000, or 56.9 percent, presumably attributed to the decrease in commuting in the prior year brought about by COVID-19. **These revenues are expected to be below budget at year-end.**

FY 2021-22 Mid-Year Financial Report

- Revenues – Rents & Leases – **Rents & Leases revenues are at $229,000, or 38.1 percent of the $600,000 budget.** The revenues through the mid-year are lower than the same period last year by $123,000, or 35.0 percent, due to less rent received as tenants move out of the properties acquired for construction of the new headquarters complex. **These revenues are expected to be below budget at year-end.**

- Revenues – Power Sales – **Power Sales revenues are at $152,000, or 608.4 percent of the $25,000 budget.** The revenues through the mid-year are higher than the same period last year by $133,000, or 708.5 percent, due to both an increase in the quantity of surplus generated energy exported to Southern California Edison and an increase in the buyback rate.

- Revenues – Other – **Other revenues are at $428,000, or 15.4 percent of the $2.8 million budget.** These revenues are $398,000, or 48.2 percent lower than the same period last year, primarily due to a net decrease of $269,000 in miscellaneous other revenue from large prior year capital project settlement payments offset by current year federal credit for COVID-19 supplemental paid sick leave, and decreases of $85,000 in operating cost reimbursement and $81,000 in civil penalties, partially offset by an increase of $27,000 in deferred compensation administrative activities. **These revenues are expected to approximate or be below budget at year-end.**

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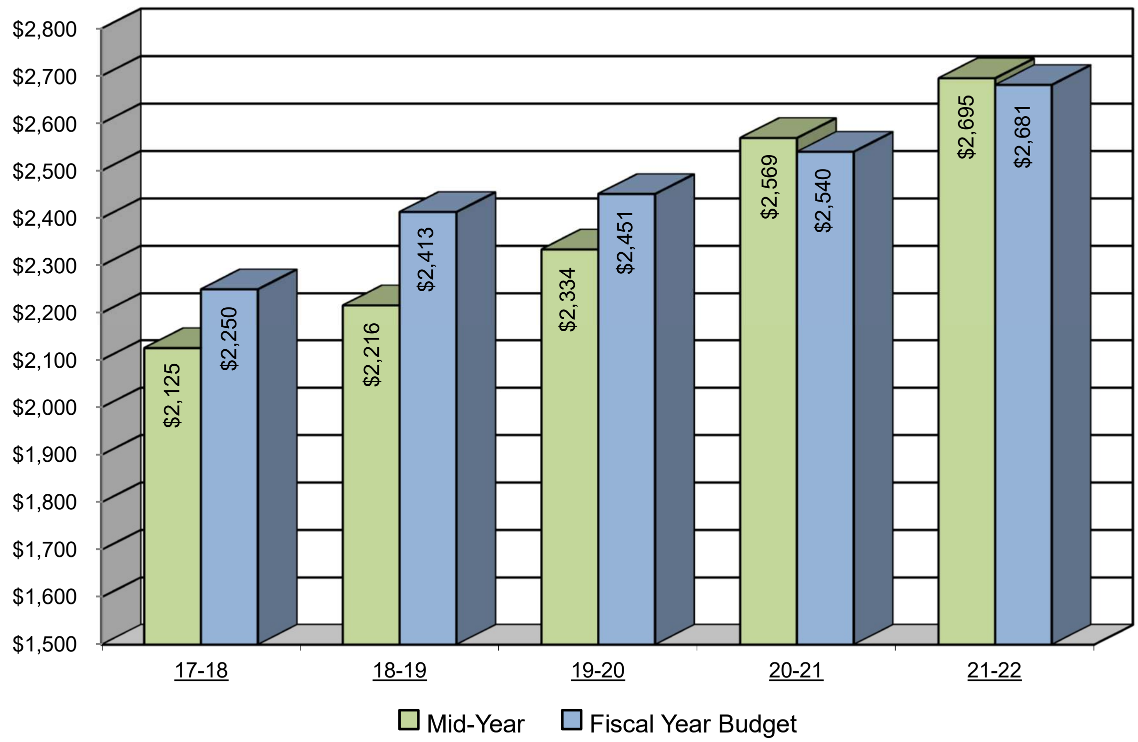
Comparison of Mid-Year Cost per Million Gallon Results with Budget Last Five Years



As demonstrated in the preceding graph for the current and each of the last four fiscal years, the cost per million gallons at the end of the mid-year has been between 1.1 percent higher and 8.2 percent lower than the annual budget. The FY 2021-22 mid-year cost per million gallons of $2,695 is 0.5 percent higher when compared with this year's budget. The increase in cost per million gallons of $126 from the previous year is primarily due to an increase in operating expenses, which are 2.9 percent higher than the same period last year, and a decrease in flows, which are 1.9 percent lower than the same period last year. Staff believes that overall operating costs will be at or slightly below budget at year-end.

The total cost per million gallons at December 31 is $2,695 based on flows of 181 million gallons per day. This is $14 per million gallons, or 0.5 percent higher than the budgeted cost per million gallons of $2,681. There is an inverse relationship between the amount of flows and the cost per unit of collection, treatment, and disposal. Consequently, the higher cost per million gallons is due to flows of 181 million gallons per day being 4.0 percent less than the budgeted flow of 188 million gallons per day, partially offset by net expenses being 2.6 percent lower than the proportionate budget through December 31.

More detailed information on operating revenues, costs, and related information is provided within Section 2.

FY 2021-22 Mid-Year Financial Report

Following are data tables showing the last five years of Single Family Residential User Fees (SFR) and the cost per million gallons (MG) to collect, treat, and dispose of wastewater for the Orange County Sanitation District and similar agencies. The agencies used in the tables were determined to be those that most closely resembled OC San in terms of services provided and treatment levels. The summaries demonstrate that OC San's SFR and cost per MG are each one of the lowest in their respective groups.

Benchmark Study
Five-Year Single Family Residential Rate

	Rates as of July					
Agency	2017 SFR	2018 SFR	2019 SFR	2020 SFR	2021 SFR	Notes
San Francisco	$ 937	988	1,076	1,169	1,270	
Vallejo Sanitation/Flood Control District	$ 520	585	656	715	747	
Central Contra Costa Sanitary District	$ 530	567	598	598	660	
City of Los Angeles	$ 527	561	597	636	636	Note 1
City of San Diego	$ 573	573	573	573	573	Note 2
Union Sanitary District	$ 393	407	421	421	524	Note 3
Dublin San Ramon Services District	$ 397	423	447	469	486	
East Bay MUD	$ 391	410	423	439	457	
City of Hayward	$ 375	394	412	430	446	
Sacramento County	$ 432	444	444	444	444	
Orange County Sanitation District	**$ 331**	**335**	**339**	**339**	**343**	
Oro Loma Sanitary District	$ 238	256	275	296	318	
Irvine Ranch Water District	$ 309	309	313	313	313	Note 4
City of Fresno	$ 309	309	309	309	309	Note 5
Los Angeles County	$ 186	191	196	213	226	Note 6

Notes:

(1) - Data is for the typical SFR customer rate.

(2) - Data represents the base sewer fee plus the average usage of 9 hundred cubic feet per month.

(3) - Deferred rate increase for July 2020 incorporated into July 2021 rate.

(4) - Data represents the usage of 10 hundred cubic feet per unit.

(5) - Data represents the minimum SFR rate not including flow.

(6) - Data represents the Average Service Charge Rates for the prior fiscal year.

Benchmark Study
Five-Year Cost per MG

Agency	Svc.	Trt.	FY 16-17 Cost/MG	FY 17-18 Cost/MG	FY 18-19 Cost/MG	FY 19-20 Cost/MG	FY 20-21 Cost/MG	Notes
Vallejo Sanitation/Flood Control District	B	3	$ 4,745	5,393	6,137	8,682	9,108	Note 1
San Francisco	B	3	$ 4,916	5,295	5,995	7,573	N/A	Note 2
Union Sanitary District	B	3	$ 4,039	4,757	4,838	5,655	5,569	
Central Contra Costa Sanitary District	B	4	$ 6,081	5,588	3,980	5,284	N/A	Note 3
City of San Diego	B	4	$ 3,834	4,147	4,180	3,977	4,219	
East Bay MUD	T	3	$ 2,353	3,137	2,710	3,122	4,052	Note 4
Dublin San Ramon Services District	B	4	$ 2,961	3,422	3,692	3,441	3,570	Note 5
Sacramento County	T	4	$ 2,752	2,831	2,812	3,407	3,470	
City of Los Angeles	B	4	$ 2,487	2,329	3,046	3,021	2,763	Note 6
Orange County Sanitation District	**B**	**3**	**$ 2,055**	**2,069**	**2,275**	**2,422**	**2,428**	
Los Angeles County	B	4	$ 1,965	2,077	2,264	2,343	2,338	Note 7
City of Fresno	B	4	$ 1,796	1,813	1,945	1,993	N/A	

Legend for Service Provided and Treatment Level:

B - Agency operates both collection and treatment facilities

T - Agency provides treatment services but not collection

2 - Advanced primary or primary with some secondary treatment

3 - Secondary treatment

4 - Advanced secondary or secondary with some tertiary treatment

Notes:

(1) - In FY19-20, Agency updated FY18-19 Annual Comprehensive Financial Report treatment cost.

(2) - FY19-20 operating expense increased $2.9 million and average daily flow decreased 19.3MG per day. Combined stormwater/sewer system.

(3) - FY18-19 operating expense decreased $36.4 million; $30.4 million due to an adjustment to the Agency's Other Post Employment Benefit Plan (OPEB) - Transition to CalPers Health Insurance.

(4) - FY18-19 operating expense decreased $1.1 million.

(5) - FY20-21 costs include both treatment and collection costs (Regional Fund 300 + Local Fund 200).

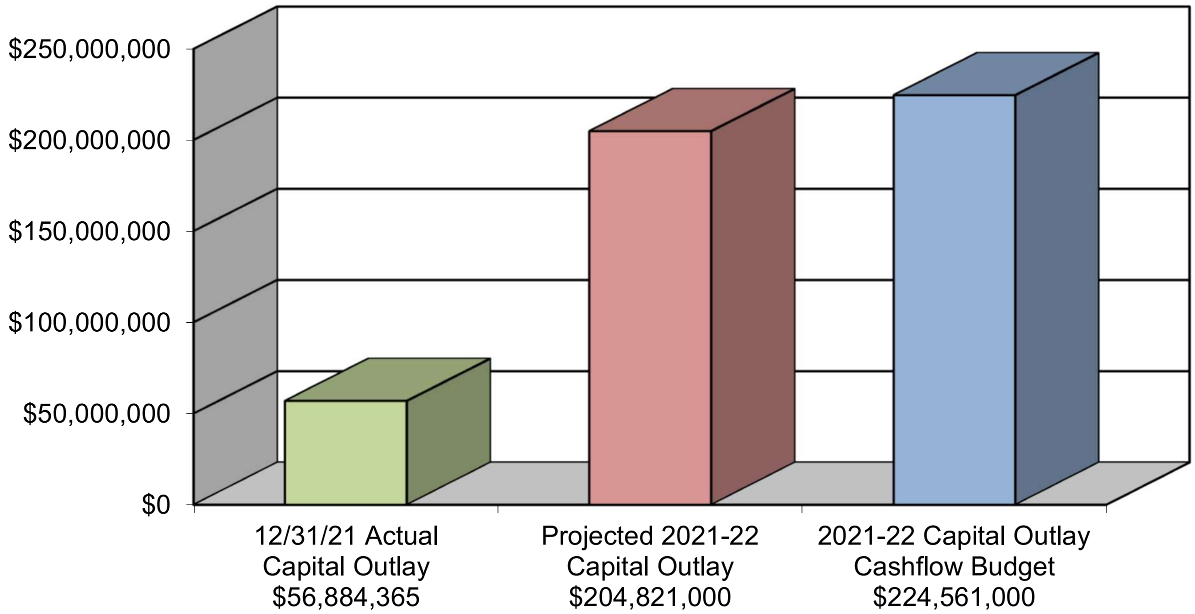
(6) - FY17-18 influent flow has not been reduced by the amount of sludge discharged to the sewers from DCTWRP and LAGWRP.

(7) - In FY19-20, Agency updated data for FY16-17 and after to include administrative costs.

N/A - Not currently available.

FY 2021-22 Mid-Year Financial Report

Capital Outlay Review:



As depicted by the preceding chart, Capital Outlays totaled $56.9 million, or 25.3 percent of the capital outlay cash flow budget for FY 2021-22 as of December 31, 2021. Costs are lower than the proportionate budget through the mid-year as some projects are still in the design phase or have experienced various delays or deferrals. Examples as of December 31 are Rehabilitation of Western Regional Sewers, which has a budget of $13.1 million but actual costs of $1.6 million, Primary Treatment Rehabilitation at Plant No. 2, which has a budget of $19.8 million but actual costs of $952,000, and Headquarters Complex, which has a budget of $45.1 million but actual costs of $6.5 million. **Overall, the capital outlay costs of the capital improvement program are expected to approximate $204.8 million, or 91.2 percent of the capital outlay cash flow budget at year-end.**

More detailed information on the capital improvement program is provided within Section 3.

Capital Assets Schedule and Debt Service Budget Review: Section 4 is the Capital Assets Schedule and Debt Service Section. This section shows the cost value of OC San's capital facilities at December 31, 2021, as well as the debt service costs resulting from the need to provide funding for the construction of capital facilities.

The majority of principal payments on debt issues are due in February, during the third quarter of each fiscal year. Excluding payments on refunding debt from the Revenue Refunding Certificates of Participation, Series 2021A, as of December 31, 2021, no principal payments have been made. Total principal payments are expected to approximate budget at year-end. Interest costs are expensed ratably throughout the fiscal year. Interest expense is anticipated to approximate budget at year-end.

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Self-Insurance Budget Review: Section 5 is the Self-Insurance Section. Through December 31, the Self-Insurance Fund revenues totaled $1.5 million, or 51.7 percent of the budget, while expenses are at $1.6 million, or 46.3 percent of the budget.

Separate fund accounting is used for recording the revenue and expenses incurred in managing these liability claims. The revenues to these funds represent charges to operating divisions. Expenses to these funds include actual claims paid, claims administration, and excess loss policies.

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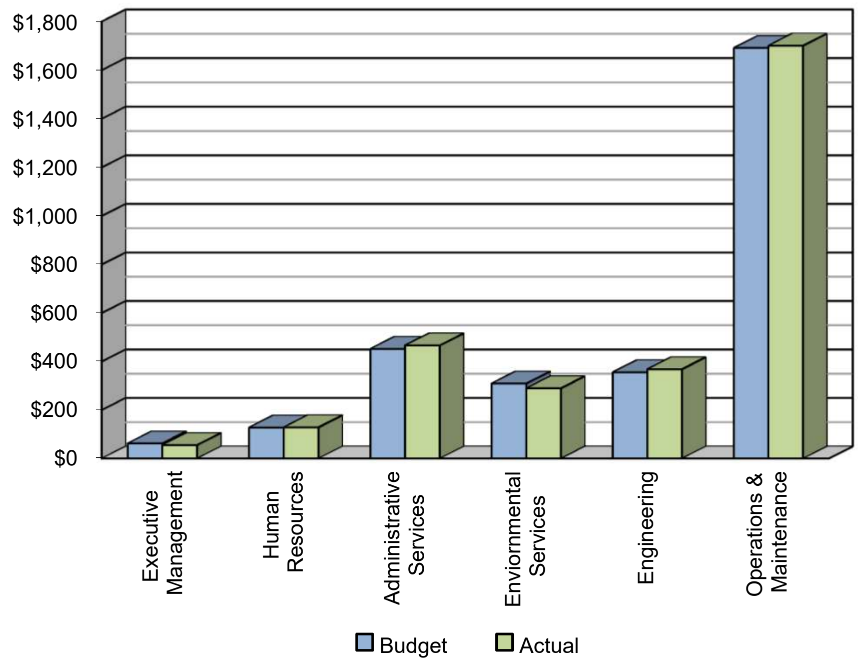
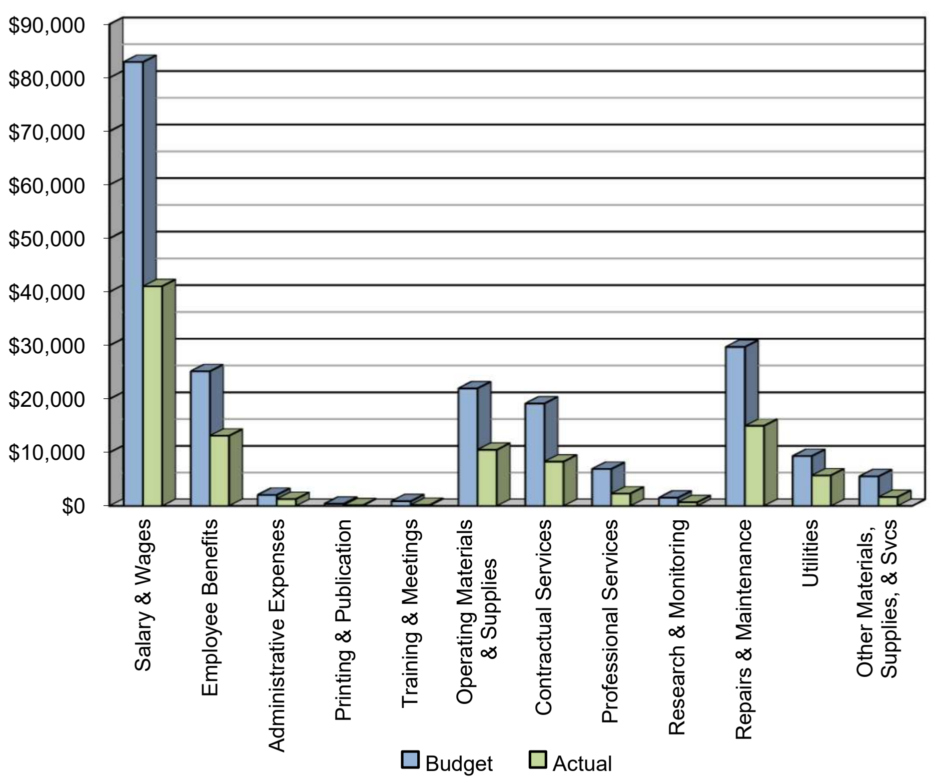
Operating Budget Review

Cost per Million Gallons by Department
Budget and Actual
December 31, 2021



Collection, Treatment, & Disposal Expenses by Major Category
Budget and Actual (in thousands)
December 31, 2021



FY 2021-22 Mid-Year Financial Report

Divisional Contributions to Cost Per Million Gallons
For the Six Months Ended December 31, 2021

	12/31/19 Actual	12/31/20 Actual	2021-22 Annual Budget	12/31/21 Actual
Flow in Million Gallons	34,481.22	33,859.20	68,620.00	33,222.87
Flow in Million Gallons per Day	187.40	184.02	188.00	180.56
Executive Management Department				
General Management Administration	$ 32.42	$ 24.78	$ 27.45	$ 24.25
Board Services	9.24	13.00	14.15	14.20
Public Affairs	16.70	16.43	20.43	16.94
Subtotal	58.36	54.21	62.03	55.39
Human Resources Department				
Human Resources	61.43	52.23	64.84	69.03
Risk Management / Safety / Security	79.97	51.61	62.43	59.21
Subtotal	141.40	103.84	127.27	128.24
Administrative Services Department				
Administrative Services	9.03	7.66	3.99	9.32
Consolidated Services	-	89.59	114.43	98.32
Financial Management	40.85	64.42	62.16	63.20
Contracts, Purchasing, & Materials Mgmt.	61.12	68.61	71.40	76.18
Information Technology	204.08	197.32	199.79	219.17
Subtotal	315.08	427.60	451.77	466.19
Environmental Services Department				
Environmental Services Administration	19.61	21.17	59.41	62.65
Resource Protection	81.27	86.62	98.54	83.62
Laboratory, Monitoring and Compliance	167.18	195.29	151.11	143.16
Subtotal	268.06	303.08	309.06	289.43
Engineering Department				
Engineering Administration	15.27	19.57	20.15	22.69
Planning	52.69	50.94	64.11	61.17
Project Management Office	69.03	66.97	62.67	69.64
Design	108.70	97.97	102.34	106.11
Construction Management	94.69	101.58	106.33	108.53
Subtotal	340.38	337.03	355.60	368.14
Operations & Maintenance Department				
Operations & Maintenance Administration	3.97	2.00	9.05	2.27
Collections Facilities O & M	162.97	207.83	290.32	226.93
Fleet Services	27.31	27.19	33.15	34.31
Plant No. 1 Operations	448.06	490.11	489.92	515.21
Plant No. 2 Operations	259.52	266.15	278.03	267.99
Plant No. 1 Maintenance	314.30	355.83	350.26	403.55
Plant No. 2 Maintenance	285.03	300.51	240.65	250.20
Subtotal	1,501.16	1,649.62	1,691.38	1,700.46
Total Operating Expenses	2,624.44	2,875.38	2,997.11	3,007.85
Cost Allocation	(290.83)	(306.26)	(316.42)	(312.44)
Net Operating Requirements	$ 2,333.61	$ 2,569.12	$ 2,681.00	$ 2,695.41

Operating Budget Review

Comparison of Expenses by Department
For the Six Months Ended December 31, 2021

Department and Division	12/31/19 Actual	12/31/20 Actual	2021-22 Budget	2021-22 Year to Date 12/31/21	Budget % Realized
Executive Management Department					
General Management Administration	$ 1,117,989	$ 838,923	$ 1,883,461	$ 805,787	42.78%
Board Services	318,659	440,176	971,245	471,878	48.58%
Public Affairs	575,927	556,430	1,402,096	562,728	40.13%
Subtotal	2,012,575	1,835,529	4,256,802	1,840,393	43.23%
Human Resources Department					
Human Resources	2,118,082	1,768,493	4,449,222	2,293,432	51.55%
Risk Management / Safety / Security	2,757,525	1,747,465	4,283,781	1,967,054	45.92%
Subtotal	4,875,607	3,515,958	8,733,003	4,260,486	48.79%
Administrative Services Department					
Administrative Services	311,306	259,313	273,820	309,694	113.10%
Consolidated Services	-	3,033,609	7,852,225	3,266,316	41.60%
Financial Management	1,408,491	2,181,071	4,265,348	2,099,790	49.23%
Contracts, Purchasing, & Materials Mgmt.	2,107,389	2,322,923	4,899,742	2,530,783	51.65%
Information Technology	7,037,087	6,681,141	13,709,504	7,281,428	53.11%
Subtotal	10,864,273	14,478,057	31,000,639	15,488,011	49.96%
Environmental Services Department					
Environmental Services Administration	676,272	716,753	4,076,942	2,081,291	51.05%
Resource Protection	2,802,305	2,932,772	6,761,792	2,777,956	41.08%
Laboratory, Monitoring and Compliance	5,764,716	6,612,361	10,369,367	4,756,121	45.87%
Subtotal	9,243,293	10,261,886	21,208,101	9,615,368	45.34%
Engineering Department					
Engineering Administration	526,555	662,593	1,382,852	753,844	54.51%
Planning	1,816,775	1,724,783	4,399,094	2,032,380	46.20%
Project Management Office	2,380,242	2,267,587	4,300,735	2,313,491	53.79%
Design	3,747,941	3,317,329	7,022,705	3,525,405	50.20%
Construction Management	3,264,991	3,439,486	7,296,647	3,605,715	49.42%
Subtotal	11,736,504	11,411,778	24,402,033	12,230,835	50.12%
Operations & Maintenance Department					
Operations & Maintenance Administration	136,893	67,707	621,180	75,465	12.15%
Collections Facilities O & M	5,619,439	7,036,860	19,922,006	7,539,114	37.84%
Fleet Services	941,739	920,572	2,274,876	1,139,736	50.10%
Plant No. 1 Operations	15,449,718	16,594,660	33,618,420	17,116,797	50.91%
Plant No. 2 Operations	8,948,614	9,011,578	19,078,603	8,903,299	46.67%
Plant No. 1 Maintenance	10,837,403	12,048,246	24,035,166	13,407,179	55.78%
Plant No. 2 Maintenance	9,828,144	10,175,189	16,513,125	8,312,317	50.34%
Subtotal	51,761,950	55,854,812	116,063,376	56,493,907	48.68%
Total Operating Expenses	90,494,202	97,358,020	205,663,954	99,929,000	48.59%
Cost Allocation	(10,028,374)	(10,369,765)	(21,713,080)	(10,379,845)	47.80%
Net Operating Requirements	$ 80,465,828	$ 86,988,255	$ 183,950,874	$ 89,549,155	48.68%

FY 2021-22 Mid-Year Financial Report

Summary of Collection, Treatment, & Disposal Expenses by Major Category
For the Six Months Ended December 31, 2021

Description	Budget 2021-22	Expense Through 12/31/21	Expense Through 12/31/20	Increase (Decrease) $	Increase (Decrease) %	Percent Budget Realized	Remaining Budget
Salary & Wages	$ 82,939,020	41,040,777	39,409,659	$ 1,631,118	4.14%	49.48%	$ 41,898,243
Employee Benefits	25,162,820	13,128,520	12,520,566	607,954	4.86%	52.17%	12,034,300
Administrative Expenses	2,064,546	1,300,375	1,040,425	259,950	24.98%	62.99%	764,171
Printing & Publication	420,350	123,272	111,972	11,300	10.09%	29.33%	297,078
Training & Meetings	906,798	190,011	184,172	5,839	3.17%	20.95%	716,787
Operating Materials & Supplies	21,964,434	10,502,046	10,456,717	45,329	0.43%	47.81%	11,462,388
Contractual Services	19,144,782	8,283,298	8,382,263	(98,965)	-1.18%	43.27%	10,861,484
Professional Services	6,920,852	2,308,798	1,538,407	770,391	50.08%	33.36%	4,612,054
Research & Monitoring	1,547,700	696,573	841,816	(145,243)	-17.25%	45.01%	851,127
Repairs & Maintenance	29,717,346	14,976,107	15,508,124	(532,017)	-3.43%	50.40%	14,741,239
Utilities	9,329,726	5,706,152	5,062,823	643,329	12.71%	61.16%	3,623,574
Other Materials, Supplies, and Services	5,545,580	1,673,071	2,301,076	(628,005)	-27.29%	30.17%	3,872,509
Net Cost Allocation	(21,713,080)	(10,379,845)	(10,369,765)	(10,080)	0.10%	47.80%	(11,333,235)
Net Operating Requirements	183,950,874	89,549,155	86,988,255	2,560,900	2.94%	48.68%	94,401,719
Gallonage Flow (MG)	68,620.00	33,222.87	33,859.20	(636.33)	-1.88%		
Gallonage Flow (MGD)	188.00	180.56	184.02	(3.46)	-1.88%		
Gallonage Flow ($'s /MG)	$2,681.00	$2,695.41	$2,569.12	$126.29	4.92%		

Summary of Revenues
For the Six Months Ended December 31, 2021

Description	Budget 2021-22	Revenue Through 12/31/21	Percent Budget Realized	Remaining Budget	Revenue Through 12/31/20	Increase (Decrease) $	Increase (Decrease) %
Service Fees	$ 301,839,390	$ 167,618,802	55.53%	$ 134,220,588	$ 168,422,191	$ (803,389)	-0.48%
Permit Fees	12,621,177	6,581,036	52.14%	6,040,141	6,242,567	338,469	5.42%
Inter District Sewer Use-SAWPA & SBSD	2,653,000	1,382,725	52.12%	1,270,275	1,365,831	16,894	1.24%
Intra District Sewer Use-IRWD	4,648,984	196,739	4.23%	4,452,245	988,239	(791,500)	-80.09%
Sludge Disposal-IRWD	6,100,000	-	0.00%	6,100,000	9,397,106	(9,397,106)	-100.00%
Capital Assessments-IRWD	7,905,000	1,468,963	18.58%	6,436,037	1,274,266	194,697	15.28%
Capital Facilities Capacity Charges	16,739,034	9,293,742	55.52%	7,445,292	4,379,324	4,914,418	112.22%
Debt Proceeds	163,775,355	164,350,308	100.35%	(574,953)	-	164,350,308	100.00%
Property Taxes	103,214,240	61,921,621	59.99%	41,292,619	58,311,944	3,609,677	6.19%
Interest Earnings	14,516,000	(3,938,299)	-27.13%	18,454,299	3,098,447	(7,036,746)	-227.11%
CIP Reimbursements	11,782,925	1,618,971	13.74%	10,163,954	2,086,932	(467,961)	-22.42%
Wastehauler	750,000	437,773	58.37%	312,227	380,905	56,868	14.93%
Grant Revenue	464,000	-	0.00%	464,000	-	-	0.00%
CNG Sales	400,000	168,622	42.16%	231,378	107,457	61,165	56.92%
Rents & Leases	600,000	228,802	38.13%	371,198	352,138	(123,336)	-35.02%
Other Revenues	2,779,105	428,324	15.41%	2,350,781	826,657	(398,333)	-48.19%
Power Sales	25,000	152,097	608.39%	(127,097)	18,812	133,285	708.51%
Other Sales	50,000	93,822	187.64%	(43,822)	4,233	89,589	2116.44%
Total Revenues	$ 650,863,210	$ 412,004,048	63.30%	$ 238,859,162	$ 257,257,049	$ 154,746,999	60.15%

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FY 2021-22 Mid-Year Financial Report

Summary of Collection, Treatment, & Disposal Expenses by Line Item
For the Six Months Ended December 31, 2021

Description	Budget 2021-22	Expense Through 12/31/21	Percent Budget Expensed	Remaining Budget	Expense Through 12/31/20	Increase (Decrease) $	Increase (Decrease) %
Salaries, Wages & Benefits							
Salaries & Wages	$ 82,939,020	$ 41,040,777	49.48%	$ 41,898,243	$ 39,409,659	$ 1,631,118	4.14%
Employee Benefits							
Retirement	11,594,420	6,243,066	53.85%	5,351,354	6,157,450	85,616	1.39%
Group Insurances	11,962,600	5,961,775	49.84%	6,000,825	5,538,617	423,158	7.64%
Tuition & Certification Reimb	80,600	59,953	74.38%	20,647	39,506	20,447	51.76%
Edu. degrees, Cert. & Lic.	622,400	349,627	56.17%	272,773	335,521	14,106	4.20%
Uniform Rental	113,400	51,152	45.11%	62,248	56,703	(5,551)	-9.79%
Workers' Compensation	518,600	389,999	75.20%	128,601	259,400	130,599	50.35%
Unemployment Insurance	151,500	10,657	7.03%	140,843	75,677	(65,020)	-85.92%
EMT Supplemental Benefits	119,300	62,291	52.21%	57,009	57,692	4,599	7.97%
Total Benefits	25,162,820	13,128,520	52.17%	12,034,300	12,520,566	607,954	4.86%
Salaries, Wages & Benefits	108,101,840	54,169,297	50.11%	53,932,543	51,930,225	2,239,072	4.31%
Matl, Supplies, & Services							
Administrative Expenses							
Memberships	708,350	459,979	64.94%	248,371	397,735	62,244	15.65%
Office Exp - Supplies	65,971	24,900	37.74%	41,071	16,755	8,145	48.61%
Postage	50,750	12,785	25.19%	37,965	23,510	(10,725)	-45.62%
Books & Publications	38,685	13,560	35.05%	25,125	12,276	1,284	10.46%
Forms	590	-	0.00%	590	-	-	N/A
Small Computer Items	950,500	582,257	61.26%	368,243	446,534	135,723	30.39%
Minor Furniture & Fixtures	249,700	206,894	82.86%	42,806	143,615	63,279	44.06%
Subtotal	2,064,546	1,300,375	62.99%	764,171	1,040,425	259,950	24.98%
Printing & Publication							
Repro-In-House	235,350	69,478	29.52%	165,872	84,051	(14,573)	-17.34%
Printing-Outside	42,750	3,349	7.83%	39,401	14,152	(10,803)	-76.34%
Notices & Ads	142,200	50,445	35.47%	91,755	13,769	36,676	266.37%
Photo Processing	50	-	0.00%	50	-	-	N/A
Subtotal	420,350	123,272	29.33%	297,078	111,972	11,300	10.09%
Training & Meetings							
Meetings	113,590	4,655	4.10%	108,935	4,131	524	12.68%
Training	793,208	185,356	23.37%	607,852	180,041	5,315	2.95%
Subtotal	906,798	190,011	20.95%	716,787	184,172	5,839	3.17%
Operating Mat'ls & Supplies							
Chemical Coagulants	10,670,543	5,443,221	51.01%	5,227,322	5,299,290	143,931	2.72%
Odor & Corrosion Control	7,643,709	3,292,696	43.08%	4,351,013	3,085,214	207,482	6.73%
Disinfection	133,000	41,725	31.37%	91,275	231,254	(189,529)	-81.96%
Chemicals - Misc & Cogen	437,000	155,751	35.64%	281,249	198,228	(42,477)	-21.43%
Gasoline, Diesel & Oil	623,372	347,225	55.70%	276,147	279,991	67,234	24.01%
Tools	676,155	351,766	52.02%	324,389	539,092	(187,326)	-34.75%
Safety equipment/tools	747,620	369,555	49.43%	378,065	351,426	18,129	5.16%
Solv, Paints & Jan. Supplies	113,606	67,615	59.52%	45,991	51,149	16,466	32.19%
Lab Chemicals & Supplies	660,249	322,267	48.81%	337,982	306,361	15,906	5.19%
Misc. Operating Supplies	182,680	87,175	47.72%	95,505	101,565	(14,390)	-14.17%
Property Tax Fees	76,500	23,050	30.13%	53,450	13,147	9,903	75.33%
Subtotal	21,964,434	10,502,046	47.81%	11,462,388	10,456,717	45,329	0.43%
Contractual Services							
Solids Removal	13,100,000	5,841,917	44.59%	7,258,083	5,823,992	17,925	0.31%
Other Waste Disposal	988,500	387,850	39.24%	600,650	452,805	(64,955)	-14.35%
Groundskeeping	200,000	88,520	44.26%	111,480	89,745	(1,225)	-1.36%
Janitorial	640,280	417,457	65.20%	222,823	405,168	12,289	3.03%
Outside Lab Services	356,590	106,409	29.84%	250,181	69,915	36,494	52.20%
Oxygen	370,000	230,135	62.20%	139,865	266,402	(36,267)	-13.61%
County Service Fee	503,672	12,235	2.43%	491,437	10,566	1,669	15.80%
Temporary Services	607,000	217,888	35.90%	389,112	214,503	3,385	1.58%
Security Services	1,600,000	814,554	50.91%	785,446	815,589	(1,035)	-0.13%
Other	778,740	166,333	21.36%	612,407	233,578	(67,245)	-28.79%
Subtotal	19,144,782	8,283,298	43.27%	10,861,484	8,382,263	(98,965)	-1.18%

(Continued)

Operating Budget Review

Summary of Collection, Treatment, & Disposal Expenses by Line Item
For the Six Months Ended December 31, 2021

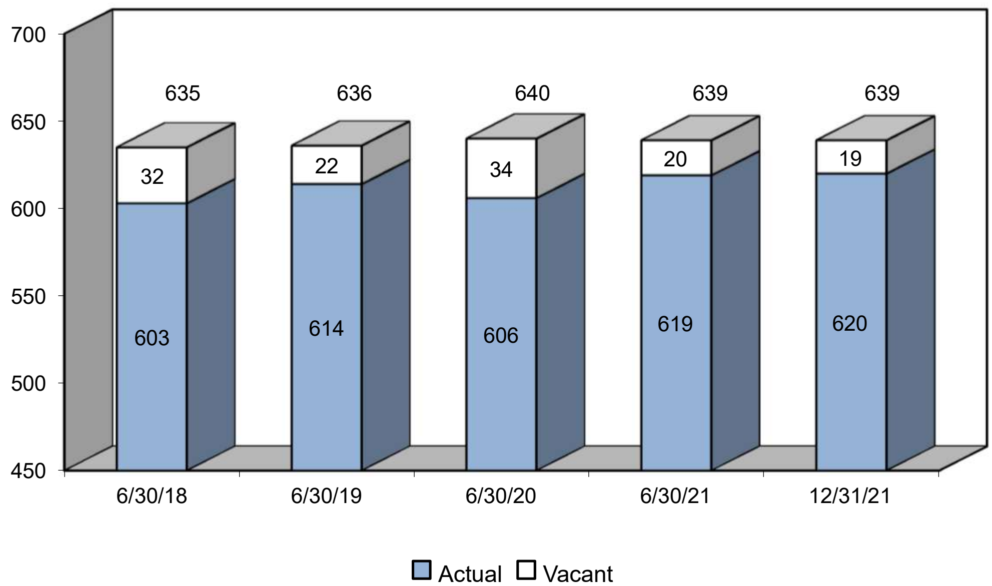
Description	Budget 2021-22	Expense Through 12/31/21	Percent Budget Expensed	Remaining Budget	Expense Through 12/31/20	Increase (Decrease) $	Increase (Decrease) %
Continued:							
Professional Services							
Legal	1,542,600	693,154	44.93%	849,446	332,243	360,911	108.63%
Audit & Accounting	287,800	112,852	39.21%	174,948	67,010	45,842	68.41%
Engineering	1,318,000	774,111	58.73%	543,889	538,099	236,012	43.86%
Enviro Scientific Consulting	679,000	17,512	2.58%	661,488	35,398	(17,886)	-50.53%
Software Prgm Consulting	707,000	162,904	23.04%	544,096	135,499	27,405	20.23%
Energy Consulting	-	4,000	N/A	(4,000)	-	4,000	N/A
Advocacy Efforts	187,975	90,134	47.95%	97,841	83,900	6,234	7.43%
Industrial Hygiene Services	100,000	12,539	12.54%	87,461	11,618	921	7.93%
Labor Negotiation Services	-	609	N/A	(609)	-	609	N/A
Other	2,098,477	440,983	21.01%	1,657,494	334,640	106,343	31.78%
Subtotal	6,920,852	2,308,798	33.36%	4,612,054	1,538,407	770,391	50.08%
Research & Monitoring							
Environmental Monitoring	797,700	139,363	17.47%	658,337	292,540	(153,177)	-52.36%
Air Quality Monitoring	150,000	37,075	24.72%	112,925	49,276	(12,201)	-24.76%
Research	600,000	520,135	86.69%	79,865	500,000	20,135	4.03%
Subtotal	1,547,700	696,573	45.01%	851,127	841,816	(145,243)	-17.25%
Repairs & Maintenance							
Materials & Services	23,380,374	10,897,800	46.61%	12,482,574	12,431,790	(1,533,990)	-12.34%
Svc. Mtc. Agreements	6,336,972	4,078,307	64.36%	2,258,665	3,076,334	1,001,973	32.57%
Subtotal	29,717,346	14,976,107	50.40%	14,741,239	15,508,124	(532,017)	-3.43%
Utilities							
Telephone	506,084	251,249	49.65%	254,835	247,897	3,352	1.35%
Diesel For Generators	43,000	15,211	35.37%	27,789	6,818	8,393	123.10%
Natural Gas	1,005,000	672,485	66.91%	332,515	578,308	94,177	16.28%
Power	6,728,435	4,212,754	62.61%	2,515,681	3,582,043	630,711	17.61%
Water	1,047,207	554,453	52.95%	492,754	647,757	(93,304)	-14.40%
Subtotal	9,329,726	5,706,152	61.16%	3,623,574	5,062,823	643,329	12.71%
Other Operating Supplies							
Outside Equip Rental	100,000	13,614	13.61%	86,386	18,197	(4,583)	-25.19%
Insurance Premiums	32,900	36,733	111.65%	(3,833)	31,451	5,282	16.79%
Prop & Gen Liab Insurance	2,205,000	1,069,996	48.53%	1,135,004	1,102,494	(32,498)	-2.95%
Freight	150,000	74,381	49.59%	75,619	83,062	(8,681)	-10.45%
Misc. Operating Expense	623,927	231,675	37.13%	392,252	108,067	123,608	114.38%
Regulatory Operating Fees	1,090,024	220,367	20.22%	869,657	938,849	(718,482)	-76.53%
Subtotal	4,201,851	1,646,766	39.19%	2,555,085	2,282,120	(635,354)	-27.84%
General Mgr Contingency & Reappropriations	1,204,549	-	0.00%	1,204,549	-	-	N/A
Other Non-Oper Expense	139,180	26,305	18.90%	112,875	18,956	7,349	38.77%
Total Materials, Supplies & Services	97,562,114	45,759,703	46.90%	51,802,411	45,427,795	331,908	0.73%
Total Expenditures	205,663,954	99,929,000	48.59%	105,734,954	97,358,020	2,570,980	2.64%
Cost Allocation	(21,713,080)	(10,379,845)	47.80%	(11,333,235)	(10,369,765)	(10,080)	0.10%
Net Operating Requirements	$ 183,950,874	$ 89,549,155	48.68%	$ 94,401,719	$ 86,988,255	$ 2,560,900	2.94%

FY 2021-22 Mid-Year Financial Report

Summary of Collection, Treatment, & Disposal Expenses by Process
For the Six Months Ended December 31, 2021

Process:	Actual 12/31/21	Actual 12/31/20	Increase (Decrease) $	Increase (Decrease) %
Preliminary Treatment	$ 5,299,684	$ 5,480,790	$ (181,106)	-3.30%
Primary Treatment	9,545,079	9,375,267	169,812	1.81%
Secondary Treatment	6,044,624	5,852,570	192,054	3.28%
Cryogenic Plant (Plant 2)	483,280	616,806	(133,526)	-21.65%
Effluent Disposal	843,393	923,804	(80,411)	-8.70%
Solids Handling	27,261,096	23,607,348	3,653,748	15.48%
Cogeneration	11,050,533	9,906,589	1,143,944	11.55%
Utilities	2,067,047	2,442,024	(374,977)	-15.36%
Electrical Distribution	1,532,790	1,563,468	(30,678)	-1.96%
Miscellaneous Buildings	5,800,349	5,663,386	136,963	2.42%
External Location	234,625	253,469	(18,844)	-7.43%
Nerissa Vessel	127,705	145,773	(18,068)	-12.39%
Laboratory	7,645,395	10,219,449	(2,574,054)	-25.19%
Collections	11,613,555	10,937,512	676,043	6.18%
Net Operating Requirements	$ 89,549,155	$ 86,988,255	$ 2,560,900	2.94%

Staffing Trends
Full Time Equivalents
December 31, 2021



At December 31, 2021, the total head count was 628 employees, or a full time equivalency of 620.

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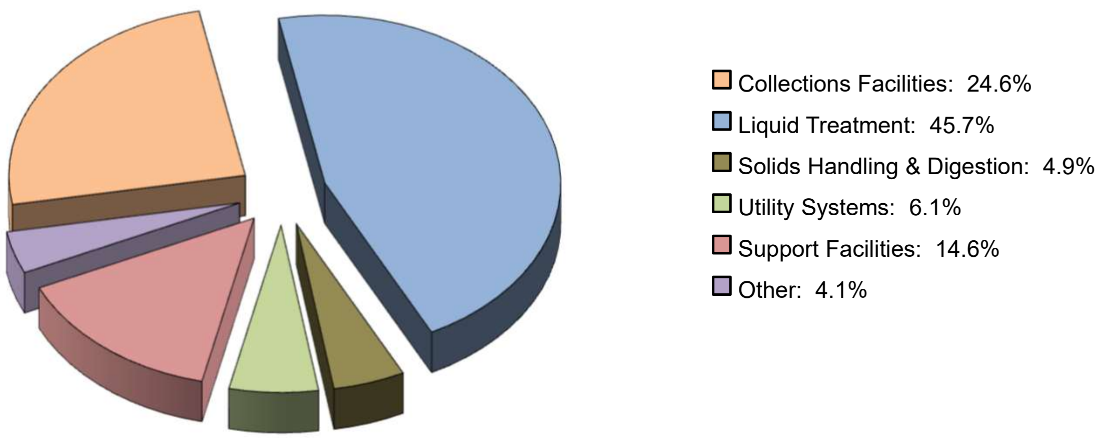
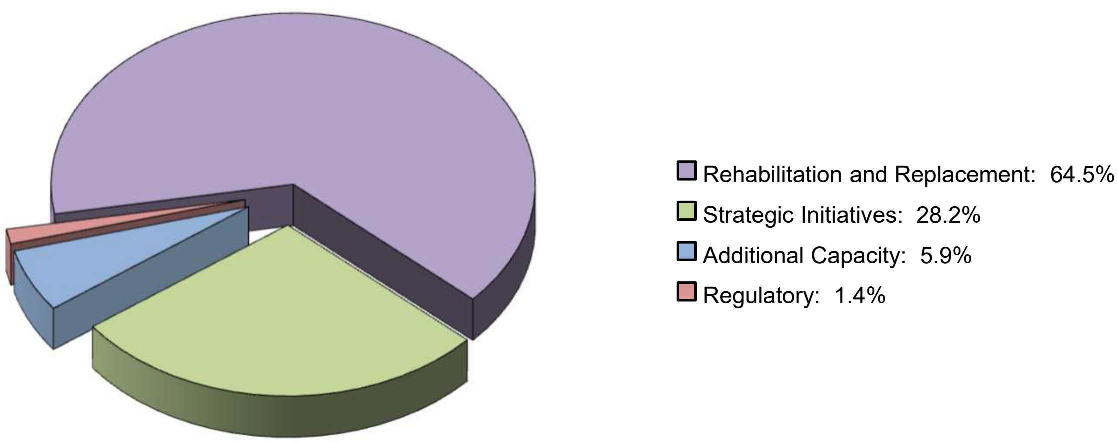
Capital Improvement Program
By Process Area and Project Driver
For the Six Months Ended December 31, 2021



Total Capital Improvement Outlays by Process Area - $56,884,365



Total Capital Improvement Outlays by Project Driver - $56,884,365

FY 2021-22 Mid-Year Financial Report

Summary of Capital Improvement Construction Requirements - Current Year
For the Six Months Ended December 31, 2021

	2021-22 Cashflow Budget	2021-22 Actual at 12/31/2021	2021-22 Projected Outlay
Collection System Improvement Projects			
Collections Facilities			
Santa Ana Trunk Sewer Rehabilitation	914,334	65,374	117,500
Greenville-Sullivan Trunk Improvements	286,363	11,549	43,500
Taft Branch Capacity Improvements	1,422,835	93,590	1,194,300
Newhope-Placentia Trunk Replacement	5,662,265	4,962,444	6,894,800
Westminster Blvd Force Main Replacement	8,458,681	2,333,968	5,310,300
Rehabilitation of Western Regional Sewers	13,051,457	1,617,830	12,902,800
Interstate 405 Widening Project Impacts on OC San Sewers	21,696	145,636	167,900
Seal Beach Pump Station Replacement	2,133,205	2,294,248	3,539,900
Bay Bridge Pump Station Replacement	3,676,612	774,104	3,759,000
Newport Beach Pump Station Pressurization Improvements	326,219	86,152	169,300
Fairview Trunk Sewer Rehabilitation	187,716	85,428	118,800
Gisler Red-Hill Interceptor & Baker Force Main Rehabilitation	772,900	559,391	1,344,800
MacArthur Force Main Improvement	417,411	105,672	514,400
Edinger Pump Station Replacement	74,449	79,139	93,500
Slater Pump Station Rehabilitation	235,537	-	115,900
Small Construction Projects Program - Collections	2,573,276	503,511	1,784,500
Operations & Maintenance Capital Program - Collections	-	23,304	23,400
Planning Studies Program - Collections	-	81,981	642,000
Sunflower and Red Hill Interceptor Repairs	2,704,438	158,304	2,829,600
Subtotal - Collections Facilities	42,919,394	13,981,625	41,566,200
Revenue Area 14			
Bay Bridge Pumping Station Rehabilitation (3.62%)	138,092	29,075	141,200
Newport Beach Pump Station Pressurization Improve (0.27%)	883	233	500
Subtotal - Revenue Area 14	138,975	29,308	141,700
Total Collection System Improvement Projects	43,058,369	14,010,933	41,707,900

(Continued)

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Capital Improvement Program Budget Review

Summary of Capital Improvement Construction Requirements - Current Year
For the Six Months Ended December 31, 2021

	2021-22 Cashflow Budget	2021-22 Actual at 12/31/2021	2021-22 Projected Outlay
Treatment & Disposal Projects			
Headworks			
Headworks Rehabilitation at Plant 1	33,064,764	12,971,363	33,290,700
Headworks Modifications at P2 for GWRS Final Expansion	8,481,733	3,098,100	6,376,000
Subtotal - Headworks	41,546,497	16,069,463	39,666,700
Primary Treatment			
Primary Sedimentation Basins 3-5 Replacement at Plant 1	459,659	81,672	198,000
Primary Sedimentation Basins 6-31 Reliability Improv at P1	606,804	108,786	899,900
Primary Treatment Rehabilitation at Plant 2	19,836,957	952,221	13,501,400
Subtotal - Primary Treatment	20,903,420	1,142,679	14,599,300
Secondary Treatment			
Return Activated Sludge Piping Replacement at Plant 1	144,269	5,069	5,900
Activated Sludge-1 Aeration Basin & Blower Rehab at P1	485,387	-	105,900
Return Activated Sludge Piping Replacement at Plant 2	3,285,100	645,793	2,575,900
Activated Sludge Aeration Basin Rehabilitation at Plant 2	163,451	-	64,500
Subtotal - Secondary Treatment	4,078,207	650,862	2,752,200
Solids Handling & Digestion			
Digester Ferric Chloride Piping Replacement at Plant 1	723,747	63,601	795,900
Sludge Dewatering and Odor Control at Plant 2	694,948	8,871	8,900
Interim Food Waste Receiving Facility	3,201,672	-	13,300
TPAD Digester Facility at Plant 2	10,066,820	2,646,072	8,617,700
Digesters Rehabilitation at Plant No. 2	537,702	80,113	164,600
Subtotal - Solids Handling & Digestion	15,224,889	2,798,657	9,600,400
Ocean Outfall Systems			
Ocean Outfall System Rehabilitation	23,933,041	8,119,270	18,875,000
Sodium Bisulfite Station Rehabilitation at Plant 2	60,381	-	27,500
Subtotal - Ocean Outfall Systems	23,993,422	8,119,270	18,902,500
Utility Systems			
Electrical Power Distribution System Improvements	2,107,681	591,437	1,422,300
Digester Gas Facilities Rehabilitation	1,398,801	681,848	1,835,000
Natural Gas Pipelines Replacement at Plants 1 and 2	221,883	274,152	648,800
Central Generation Engine Overhauls at Plants 1 and 2	3,788,815	1,793,474	3,030,400
Power Building Structural Seismic Improv at Plants 1 & 2	161,114	9,220	13,900
Uninterruptable Power Supply Improvements at Plant 1	625,925	114,559	268,600
Network and Server Relocation at Plant 1	179,978	-	-
Warehouse, Electrical, & 12kV Serv Center Replace at P2	-	805	900
Subtotal - Utility Systems	8,484,197	3,465,495	7,219,900

(Continued)

FY 2021-22 Mid-Year Financial Report

Summary of Capital Improvement Construction Requirements - Current Year
For the Six Months Ended December 31, 2021

	2021-22 Cashflow Budget	2021-22 Actual at 12/31/2021	2021-22 Projected Outlay
Process Related Special Projects			
Safety Improvements Program	248,320	(2,885)	1,200
Subtotal - Process Related Special Projects	248,320	(2,885)	1,200
Information Management Systems			
Process Control Systems Upgrades	3,406,549	127,743	1,494,800
Project Management Information System	294,481	85,886	267,900
Information Technology Capital Program	1,778,736	46,939	2,172,300
Geographic Information System	16,283	139,790	182,800
EAM Software and Process Implementation	448,311	178,141	373,200
Process Control Systems Upgrades Study	504,920	12,171	12,200
Subtotal - Information Management Systems	6,449,280	590,670	4,503,200
Strategic & Master Planning			
Planning Studies Program	4,105,202	736,004	3,182,900
Subtotal - Strategic & Master Planning	4,105,202	736,004	3,182,900
Water Management Projects			
GWRS Final Expansion Coordination	309,211	230,564	425,500
Subtotal - Water Management Projects	309,211	230,564	425,500
Research			
Research Program	806,894	269,501	809,200
Subtotal - Research	806,894	269,501	809,200
Support Facilities			
Small Construction Projects Program	9,428,681	1,386,367	4,303,800
Operations & Maintenance Capital Program	2,022,639	174,595	731,100
Headquarters Complex	45,106,221	6,529,515	49,441,600
South Perimeter Security & Utility Improvements at Plant 1	3,852,526	116,343	2,739,700
Support Buildings Seismic Improvements at Plant 1	776,979	31,028	54,200
Collections Yard Relocation	39,814	-	15,200
Operations and Maintenance Complex at Plant 2	355,419	73,436	186,900
Subtotal - Support Facilities	61,582,279	8,311,284	57,472,500

(Continued)

Capital Improvement Program Budget Review

Summary of Capital Improvement Construction Requirements - Current Year
For the Six Months Ended December 31, 2021

	2021-22 Cashflow Budget	2021-22 Actual at 12/31/2021	2021-22 Projected Outlay
Others			
Capital Improvement Program Management Services	13,167	7,871	18,900
Subtotal - Others	13,167	7,871	18,900
Additional Charges to CIP Completed at 6/30/21	-	(288)	47,600
Total Treatment and Disposal Projects	187,744,985	42,389,147	159,202,000
Capital Equipment Purchases	3,785,600	484,285	3,911,100
Total Collection, Treatment and Disposal Projects and Capital Equipment Purchases	234,588,954	56,884,365	204,821,000
Add: Future Rehab and Replacement	5,000,000	-	-
Less: Savings and Deferrals	(15,028,451)	-	-
Net Collection, Treatment and Disposal Projects and Capital Equipment Purchases	$224,560,503	$ 56,884,365	$204,821,000

FY 2021-22 Mid-Year Financial Report

Summary of Capital Improvement Construction Requirements - Project Life

For the Six Months Ended December 31, 2021

	Approved Project Budget	June 30, 2021 Accumulated Cost	Current Year Projected Cost	Total Projected Cost at June 30, 2022	Remaining Future Budget
Collection System Improvement Projects					
Collections Facilities					
Santa Ana Trunk Sewer Rehabilitation	54,620,000	-	117,500	117,500	54,502,500
Greenville-Sullivan Trunk Improvements	48,600,000	-	43,500	43,500	48,556,500
Taft Branch Capacity Improvements	16,800,000	273,632	1,194,300	1,467,932	15,332,068
Newhope-Placentia Trunk Replacement	112,000,000	103,242,051	6,894,800	110,136,851	1,863,149
Yorba Linda Dosing Station Installation	11,000,000	-	-	-	11,000,000
Beach Relief / Knott / Miller Holder Trunk Rehabilitation	35,132,000	-	-	-	35,132,000
Westminster Blvd Force Main Replacement	44,000,000	27,735,893	5,310,300	33,046,193	10,953,807
Rehabilitation of Western Regional Sewers	82,000,000	18,727,849	12,902,800	31,630,649	50,369,351
Interstate 405 Widening Project Impacts on OC San Sewers	250,000	239,821	167,900	407,721	(157,721)
Seal Beach Pump Station Replacement	87,000,000	3,872,431	3,539,900	7,412,331	79,587,669
Los Alamitos Sub-Trunk Extension	117,000,000	-	-	-	117,000,000
Crystal Cove Pump Station Rehabilitation	13,200,000	-	-	-	13,200,000
Bay Bridge Pump Station Replacement	71,321,200	3,224,995	3,759,000	6,983,995	64,337,205
Newport Beach Pump Station Pressurization Improvements	4,288,390	435,361	169,300	604,661	3,683,729
Fairview Trunk Sewer Rehabilitation	17,000,000	-	118,800	118,800	16,881,200
MacArthur Pump Station Rehabilitation	9,800,000	-	-	-	9,800,000
Main Street Pump Station Rehabilitation	37,000,000	-	-	-	37,000,000
Gisler Red-Hill Interceptor & Baker Force Main Rehabilitation	39,000,000	870,846	1,344,800	2,215,646	36,784,354
MacArthur Force Main Improvement	3,500,000	57,943	514,400	572,343	2,927,657
North Trunk Improvements	10,000,000	-	-	-	10,000,000
Edinger Pump Station Replacement	13,500,000	-	93,500	93,500	13,406,500
Slater Pump Station Rehabilitation	31,000,000	-	115,900	115,900	30,884,100
Small Construction Projects Program - Collections	12,552,000	2,513,928	1,784,500	4,298,428	8,253,572
Operations & Maintenance Capital Program - Collections	821,719	535,606	23,400	559,006	262,713
Planning Studies Program - Collections	5,533,600	3,665,360	642,000	4,307,360	1,226,240
Research Program - Collections	154,000	46,250	-	46,250	107,750
Sunflower and Red Hill Interceptor Repairs	6,999,998	513,231	2,829,600	3,342,831	3,657,167
Subtotal - Collections Facilities	884,072,907	165,955,197	41,566,200	207,521,397	676,551,510
Revenue Area 14:					
Bay Bridge Pumping Station Rehabilitation (3.62%)	2,678,800	121,130	141,200	262,330	2,416,470
Newport Beach Pump Station Pressurization Improve (0.27%)	11,610	1,179	500	1,679	9,931
Subtotal - Revenue Area 14	2,690,410	122,309	141,700	264,009	2,426,401
Total Collection System Improvement Projects	886,763,317	166,077,506	41,707,900	207,785,406	678,977,911

(Continued)

Capital Improvement Program Budget Review

Summary of Capital Improvement Construction Requirements - Project Life
For the Six Months Ended December 31, 2021

	Approved Project Budget	June 30, 2021 Accumulated Cost	Current Year Projected Cost	Total Projected Cost at June 30, 2022	Remaining Future Budget
Treatment & Disposal Projects					
Headworks					
Headworks Rehabilitation at Plant 1	340,000,000	36,669,521	33,290,700	69,960,221	270,039,779
Headworks Modifications at P2 for GWRS Final Expansion	32,000,000	18,549,280	6,376,000	24,925,280	7,074,720
Subtotal - Headworks	372,000,000	55,218,801	39,666,700	94,885,501	277,114,499
Primary Treatment					
Primary Sedimentation Basins 3-5 Replacement at Plant 1	127,000,000	603,492	198,000	801,492	126,198,508
Primary Sedimentation Basins 6-31 Reliability Improv at P1	14,000,000	2,019,464	899,900	2,919,364	11,080,636
Primary Treatment Rehabilitation at Plant 2	195,000,000	35,711,624	13,501,400	49,213,024	145,786,976
B/C-Side Primary Clarifiers Rehabilitation at Plant 2	279,842,000	-	-	-	279,842,000
Subtotal - Primary Treatment	615,842,000	38,334,580	14,599,300	52,933,880	562,908,120
Secondary Treatment					
Return Activated Sludge Piping Replacement at Plant 1	9,300,000	9,172,692	5,900	9,178,592	121,408
Activated Sludge-1 Aeration Basin & Blower Rehab at P1	270,000,000	-	105,900	105,900	269,894,100
Return Activated Sludge Piping Replacement at Plant 2	10,000,000	6,368,931	2,575,900	8,944,831	1,055,169
Activated Sludge Aeration Basin Rehabilitation at Plant 2	65,600,000	-	64,500	64,500	65,535,500
Subtotal - Secondary Treatment	354,900,000	15,541,623	2,752,200	18,293,823	336,606,177
Solids Handling & Digestion					
Digester Ferric Chloride Piping Replacement at Plant 1	1,360,000	261,018	795,900	1,056,918	303,082
Sludge Dewatering and Odor Control at Plant 2	90,477,000	86,433,925	8,900	86,442,825	4,034,175
Interim Food Waste Receiving Facility	6,300,000	1,347,003	13,300	1,360,303	4,939,697
TPAD Digester Facility at Plant 2	455,000,000	6,220,071	8,617,700	14,837,771	440,162,229
Digester P, Q, R, and S Replacement	165,900,000	-	-	-	165,900,000
Digesters Rehabilitation at Plant No. 2	40,632,000	82,197	164,600	246,797	40,385,203
Subtotal - Solids Handling & Digestion	759,669,000	94,344,214	9,600,400	103,944,614	655,724,386
Ocean Outfall Systems					
Ocean Outfall System Rehabilitation	166,000,000	94,720,368	18,875,000	113,595,368	52,404,632
Sodium Bisulfite Station Rehabilitation at Plant 2	3,834,000	-	27,500	27,500	3,806,500
Emergency Overflow Pipes & Windwall Rehabilitation at P2	4,200,000	-	-	-	4,200,000
Subtotal - Ocean Outfall Systems	174,034,000	94,720,368	18,902,500	113,622,868	60,411,132
Utility Systems					
Electrical Power Distribution System Improvements	26,500,000	1,515,397	1,422,300	2,937,697	23,562,303
Digester Gas Facilities Rehabilitation	173,000,000	14,783,708	1,835,000	16,618,708	156,381,292
Natural Gas Pipelines Replacement at Plants 1 and 2	2,000,000	1,373,777	648,800	2,022,577	(22,577)
Central Generation Engine Overhauls at Plants 1 and 2	44,000,000	1,361,621	3,030,400	4,392,021	39,607,979
Power Building Structural Seismic Improv at Plants 1 & 2	5,400,000	-	13,900	13,900	5,386,100

(Continued)

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FY 2021-22 Mid-Year Financial Report

Summary of Capital Improvement Construction Requirements - Project Life
For the Six Months Ended December 31, 2021

	Approved Project Budget	June 30, 2021 Accumulated Cost	Current Year Projected Cost	Total Projected Cost at June 30, 2022	Remaining Future Budget
Utility Systems (continued)					
Central Generation Rehabilitation at Plant 1	68,452,000	-	-	-	68,452,000
Uninterruptable Power Supply Improvements at Plant 1	7,000,000	1,150,638	268,600	1,419,238	5,580,762
12.47 kV Switchgear Replacement at CenGen at Plant 1	17,000,000	-	-	-	17,000,000
Network and Server Relocation at Plant 1	13,000,000	-	-	-	13,000,000
Standby Generator Feeders for P1 Secondary Systems	2,800,000	-	-	-	2,800,000
Central Generation Rehabilitation at Plant 2	108,000,000	-	-	-	108,000,000
Warehouse, Electrical, & 12kV Serv Center Replace at P2	65,000,000	625,371	900	626,271	64,373,729
Subtotal - Utility Systems	532,152,000	20,810,512	7,219,900	28,030,412	504,121,588
Process Related Special Projects					
Safety Improvements Program	16,000,000	11,949,615	1,200	11,950,815	4,049,185
Subtotal - Process Related Special Projects	16,000,000	11,949,615	1,200	11,950,815	4,049,185
Information Management Systems					
Process Control Systems Upgrades	37,000,000	-	1,494,800	1,494,800	35,505,200
Project Management Information System	2,280,000	1,369,758	267,900	1,637,658	642,342
Information Technology Capital Program	10,000,000	949,587	2,172,300	3,121,887	6,878,113
Geographic Information System	4,568,000	3,802,488	182,800	3,985,288	582,712
EAM Software and Process Implementation	9,200,000	6,316,356	373,200	6,689,556	2,510,444
Process Control Systems Upgrades Study	3,400,000	2,499,708	12,200	2,511,908	888,092
Subtotal - Information Management Systems	66,448,000	14,937,897	4,503,200	19,441,097	47,006,903
Strategic & Master Planning					
Planning Studies Program	23,118,400	5,590,699	3,182,900	8,773,599	14,344,801
Subtotal - Strategic & Master Planning	23,118,400	5,590,699	3,182,900	8,773,599	14,344,801
Water Management Projects					
GWRS Final Expansion Coordination	1,332,000	747,432	425,500	1,172,932	159,068
Subtotal - Water Management Projects	1,332,000	747,432	425,500	1,172,932	159,068
Research					
Research Program	8,346,000	817,484	809,200	1,626,684	6,719,316
Subtotal - Research	8,346,000	817,484	809,200	1,626,684	6,719,316

(Continued)

Capital Improvement Program Budget Review

Summary of Capital Improvement Construction Requirements - Project Life
For the Six Months Ended December 31, 2021

	Approved Project Budget	June 30, 2021 Accumulated Cost	Current Year Projected Cost	Total Projected Cost at June 30, 2022	Remaining Future Budget
Support Facilities					
Small Construction Projects Program	77,448,000	15,450,267	4,303,800	19,754,067	57,693,933
Operations & Maintenance Capital Program	14,800,281	4,436,822	731,100	5,167,922	9,632,359
Laboratory Rehabilitation at Plant 1	44,200,000	-	-	-	44,200,000
Headquarters Complex	167,500,000	38,433,116	49,441,600	87,874,716	79,625,284
South Perimeter Security & Utility Improvements at Plant 1	10,000,000	1,571,099	2,739,700	4,310,799	5,689,201
Support Buildings Seismic Improvements at Plant 1	23,730,000	22,239	54,200	76,439	23,653,561
Collections Yard Relocation	1,900,000	-	15,200	15,200	1,884,800
Operations and Maintenance Complex at Plant 2	95,000,000	-	186,900	186,900	94,813,100
Subtotal - Support Facilities	434,578,281	59,913,543	57,472,500	117,386,043	317,192,238
Others					
Capital Improvement Program Management Services	700,000	355,310	18,900	374,210	325,790
Subtotal - Others	700,000	355,310	18,900	374,210	325,790
Additional Charges to CIP Completed at 6/30/21	-	-	47,600	47,600	(47,600)
Total Treatment and Disposal Projects	3,359,119,681	413,282,078	159,202,000	572,484,078	2,786,635,603
Capital Equipment Purchases	9,062,800	-	3,911,100	3,911,100	5,151,700
Total Collection, Treatment and Disposal Projects and Capital Equipment Purchases	$ 4,254,945,798	$579,359,584	$204,821,000	$784,180,584	$3,470,765,214

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Capital Assets Schedule & Debt Service Budget Review

Capital Assets Schedule & Debt Service Budget Review
For the Six Months Ended December 31, 2021

Capital Assets Schedule

	Balance 07/01/21	Year-to-Date Activity	Balance 12/31/21
CONSTRUCTION IN PROGRESS (CIP):			
Treatment Plant	$ 136,187,441	$ 42,873,432	$ 179,060,873
Collection System	265,012,603	14,010,933	279,023,536
Subtotal	401,200,044	56,884,365	458,084,409
PROPERTY, PLANT & EQUIPMENT (at cost):			
Land and Property Rights	57,680,623	-	57,680,623
Collection Lines and Pump Stations	897,488,748	-	897,488,748
Treatment Facilities	2,842,786,854	-	2,842,786,854
Effluent disposal facilities	96,972,016	-	96,972,016
Solids disposal facilities	3,463,236	-	3,463,236
General and administrative facilities	248,712,229	-	248,712,229
Excess purchase price over book value on acquired assets	19,979,000	-	19,979,000
Subtotal	4,167,082,706	-	4,167,082,706
Total Property, Plant & Equipment & CIP	$ 4,568,282,750	$ 56,884,365	$ 4,625,167,115

Debt Service Budget Review

	2021-22 Budget	Year-to-Date Payments	% of Budget	Remaining Budget
Principal Payments by Debt Issue:				
2010A BABs	-	-	-	-
2010C BABs	-	-	-	-
2011A COP	75,370,000	61,575,000	81.70%	13,795,000
2012A COP	-	-	-	-
2012B COP	1,500,000	-	0.00%	1,500,000
2014A COP	8,245,000	-	0.00%	8,245,000
2015A COP	-	-	-	-
2016A COP	4,865,000	-	0.00%	4,865,000
2017A COP	-	-	-	-
2018A CANs	102,200,000	102,200,000	100.00%	-
2021A COP	5,525,000	-	0.00%	5,525,000
Subtotal Principal Payments	197,705,000	163,775,000	82.84%	33,930,000
Interest Expense by Debt Issue:				
2010A BABs	2,986,574	2,106,337	70.53%	880,237
2010C BABs	6,724,010	4,742,255	70.53%	1,981,755
2011A COP	689,750	566,475	82.13%	123,275
2012A COP	3,735,900	1,867,950	50.00%	1,867,950
2012B COP	276,150	138,075	50.00%	138,075
2014A COP	2,804,000	1,402,000	50.00%	1,402,000
2015A COP	6,375,500	3,187,750	50.00%	3,187,750
2016A COP	6,524,800	3,262,400	50.00%	3,262,400
2017A COP	3,290,750	1,645,375	50.00%	1,645,375
2018A CANs	-	439,978	N/A	(439,978)
2021A COP	3,393,921	3,362,114	99.06%	31,807
Subtotal Interest Expense	36,801,355	22,720,709	61.74%	14,080,646
Total Debt Service	$ 234,506,355	$ 186,495,709	79.53%	$ 48,010,646

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Self Insurance Budget Review

General Liability and Property Fund Budget Review
For the Six Months Ended December 31, 2021

	2021-22 Budget	Actual Through 12/31/21	Percent of Budget Through 12/31/21	Remaining 2021-22 Budget	Actual Through 12/31/20	Increase (Decrease)
Revenues:						
In-Lieu Premiums	$ 2,140,000	$ 1,069,996	50.00%	$ 1,070,004	$ 1,102,494	$ (32,498)
Service Department Allocations	-	3,552	N/A	(3,552)	3,552	-
Total Revenues	2,140,000	1,073,548	50.17%	1,066,452	1,106,046	(32,498)
Expenses:						
Benefits/Claims	40,000	3,233	8.08%	36,767	-	3,233
Legal Services	40,000	-	0.00%	40,000	-	-
Professional Services	20,000	10,177	50.89%	9,823	-	10,177
Subtotal	100,000	13,410	13.41%	86,590	-	13,410
Policy Premium Expense	2,509,393	1,226,313	48.87%	1,283,080	970,096	256,217
Total Expenses	2,609,393	1,239,723	47.51%	1,369,670	970,096	269,627
Excess Revenue (Expense)	(469,393)	(166,175)		$ (303,218)	135,950	(302,125)
Beginning Reserves	98,000,000	98,861,957			98,648,623	213,334
Ending Reserves	$ 97,530,607	$ 98,695,782			$ 98,784,573	$ (88,791)

FY 2021-22 Mid-Year Financial Report

Workers' Compensation Fund Budget Review
For the Six Months Ended December 31, 2021

	2021-22 Budget	Actual Through 12/31/21	Percent of Budget Through 12/31/21	Remaining 2021-22 Budget	Actual Through 12/31/20	Increase (Decrease)
Revenues:						
In-Lieu Premiums	$ 780,000	$ 390,000	50.00%	$ 390,000	$ 259,400	$ 130,600
Service Department Allocations	-	44,850	N/A	(44,850)	44,850	-
Total Revenues	780,000	434,850	55.75%	345,150	304,250	130,600
Expenses:						
Benefits/Claims	430,000	185,426	43.12%	244,574	193,539	(8,113)
Legal Services	80,000	-	0.00%	80,000	25,084	(25,084)
Professional Services	60,000	40,562	67.60%	19,438	34,313	6,249
Subtotal	570,000	225,988	39.65%	344,012	252,936	(26,948)
Policy Premium Expense	271,860	133,178	48.99%	138,682	102,385	30,793
Total Expenses	841,860	359,166	42.66%	482,694	355,321	3,845
Excess Revenue (Expense)	(61,860)	75,684		$ (137,544)	(51,071)	126,755
Beginning Reserves	2,000,000	2,149,679			2,235,687	(86,008)
Ending Reserves	$ 1,938,140	$ 2,225,363			$ 2,184,616	$ 40,747

January 31, 2022

STAFF REPORT

Mid-Year Treasurer's Report
For the Period Ended December 31, 2021

SUMMARY

Section 17.0 of the Orange County Sanitation District's (OC San) Investment Policy includes quarterly reporting requirements for OC San's two investment portfolios. These two funds, the "Liquid Operating Monies," and the "Long-Term Operating Monies" are managed by Chandler Asset Management, OC San's external money manager.

The ongoing monitoring of OC San's investment program by staff and Callan Associates, OC San's independent investment advisor, indicates that OC San's investments are in compliance with OC San's adopted Investment Policy and the California Government Code, and that overall performance has tracked with benchmark indices. In addition, sufficient liquidity and anticipated revenues are available for OC San to meet budgeted expenditures for the next six months. OC San's portfolios do not include any reverse repurchase agreements or derivative securities.

ADDITIONAL INFORMATION

Performance Reports

The Quarterly Strategy Review, prepared by Chandler Asset Management, and the Investment Measurement Service Quarterly Review, prepared by Callan Associates, is attached for reference. Also attached are Long-Term and Liquid Operating Monies Summary of Performance Data and Portfolio Statistics charts that depict the performance results, estimated yield and duration, credit quality, and sector diversification of OC San's portfolios, as of December 31, 2021. The Liquid Operating Monies portfolio, with an average maturity of 99 days, consists entirely of high quality fixed income investments consistent with OC San's investment policy.

Portfolio Performance Summary

The following table presents a performance summary of OC San's portfolios as compared to their benchmarks as of December 31, 2021.

Portfolio Performance Summary As of December 31, 2021				
	Liquid Operating Monies (%)		Long-Term Operating Monies (%)	
	Total Rate of Return	Benchmark(1)	Total Rate of Return	Benchmark(1)
3 Months	0.00	0.01	-0.63	-0.69
6 Months	0.02	0.02	-0.61	-0.67
9 Months	0.04	0.02	-0.42	-0.47
12 Months	0.08	0.05	-0.92	-1.00
Annualized Since inception 30 Nov 2014	0.97	0.86	1.80	1.76
Market Value	$230.9 M		$742.2 M	
Average Quality	"AA+"/"Aaa"		"AA+"/"Aa1"	
Current Yield (%)	0.8		1.4	
Estimated Yield to Maturity (%)	0.2		0.8	
Quarterly Deposits (Withdrawals)	$101.0 M		$60.0 M	
Estimated Annual Income	$0.3 M		$10.2 M	

(1) Benchmarks:
- Liquid Operating Portfolio: ICE BAML 3-Month Treasury Bill Index
- Long-Term Operating Portfolio: ICE BAML Corp/Govt. 1-5 Year Bond Index

Portfolio Market Values

Comparative marked-to-market quarter-end portfolio values are shown in the following table, and in the attached bar chart.

Quarter Ending	Liquid Operating Monies ($M)	Long-Term Operating Monies ($M)
31 Mar 21	165.8	654.4
30 Jun 21	207.8	686.0
30 Sep 21	129.9	686.4
31 Dec 21	230.9	742.2

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Orange County Sanitation District Investment Account Balances as of December 31, 2021

Investment Accounts	Book Balances December 31, 2021	Estimated Yield (%)
State of California LAIF	$65,266,841	0.21
Banc of California – General	3,000,000	0.30
Banc of California – Sweep	10,579,762	0.02
Banc of California – Workers' Compensation	82,207	0.30
Banc of California – Property, Liability Claim, Exp	50,000	0.30
Union Bank – Mount Langley	146,032	0.40
Union Bank – Bandilier	603,023	0.40
Chandler/U.S. Bank – Short-Term Portfolio	230,861,976	0.18
Chandler/U.S. Bank – Long-Term Portfolio	742,070,123	0.82
Petty Cash	3,000	0.00
BNY Mellon OCIP Reserve	500,881	0.00
TOTAL	$1,053,163,845	0.63
Debt Service Reserves w/Trustees	$25,634	0.02

Orange County Sanitation District Cost of Funds on Debt Issues as of December 31, 2021

Cost of Funds Issue Description	Outstanding COP Balance	Annual Interest Rate (%)
2010A Fixed	80,000,000	3.68
2010C Fixed	157,000,000	4.11
2011A Fixed	13,795,000	2.61
2012A Fixed	100,645,000	3.54
2012B Fixed	8,170,000	1.50
2014A Fixed	56,080,000	2.34
2015A Fixed	127,510,000	3.30
2016A Fixed	136,830,000	3.02
2017A Fixed	65,815,000	2.55
2021A Fixed	133,510,000	1.06
TOTAL	$879,355,000	
Weighted Avg. Cost of Funds		2.98

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ATTACHMENTS

1. Chandler Quarterly Report
2. Summary of Performance Data and Portfolio Statistics – Liquid Operating Monies
3. Summary of Performance Data and Portfolio Statistics – Long Term Operating Monies
4. Investment Transactions and Balances in LAIF
5. Asset Summary by Asset Type – Liquid Operating Portfolio
6. Asset Summary by Asset Type – Long Term Portfolio
7. Asset Summary by Asset Type – Owner Controlled Insurance Program Escrow Account
8. Investment Listing (Yield Analysis Report)
9. Asset Detail – Consolidated
10. Custody Transaction History – Consolidated
11. Callan Quarterly Review
12. Chandler Quarterly Review
13. Rating Agency Comparisons

December 31, 2021

Mr. Lorenzo Tyner
Assistant General Manager
Director of Finance and Administrative Services
Orange County Sanitation District
10844 Ellis Avenue
Fountain Valley CA 92708-7018

Dear Lorenzo,

<u>Bond Market Recap</u>

Fed policymakers have recently pivoted toward a more hawkish stance as inflation indices continue to run hot and the labor market appears relatively tight, given their dual mandate of promoting maximum employment and stable prices. Although labor force participation remains lower than it was prior to the pandemic, there are signals the economy may be near full employment within the context of the current health situation. The unemployment rate declined from 6.7% to 3.9% in 2021, a high percentage of workers are voluntarily quitting jobs, the level of job openings relative to those looking for work remains high, and wage growth has been strong. Meanwhile, inflation continues to run well above the Fed's long-run 2.0% target. The Consumer Price Index excluding food and energy was up 5.5% in December. The Core PCE index, the Fed's preferred inflation measure, was up 4.7% year-over-year in the latest report. Given the current inflation and employment dynamics, Fed policymakers have begun discussing plans to remove monetary policy accommodation. The Fed is currently tapering its asset purchases and we expect that process will be complete within the next few months. Should aggregate demand remain strong and economic activity remain robust, we believe the first rate hike may be announced in the first half of this year after the taper is complete. However, we do not believe monetary policy is on a pre-set course. We expect the Fed to adjust policy at a gradual pace and believe policymakers will adjust their views as necessary based on incoming economic and financial market data.

We believe US economic growth is likely to moderate this year but remain above the long-run trend rate of growth. The consensus forecast for GDP growth this year is 3.9% versus estimated growth of 5.6% in 2021. Amid the current surge of virus infection rates, we believe global supply chains remain challenged and we see risk to the first quarter US GDP consensus estimate of 3.9%. Nevertheless, we believe aggregate consumer demand remains strong and consumer spending, the largest component of US GDP, should remain solid this year, supported by healthy consumer balance sheets, an improving health situation, and ongoing improvement in the labor market. We expect supply chain bottlenecks will continue to put upward pressure on inflation over the near-term but we believe inflation may be at or near a peak, We believe pricing pressure is likely to abate in the second half of this year amid an improving global health backdrop and less acute global supply chain stress.

In December, the 2-year Treasury yield increased nearly 17 basis points to 0.73%, the 5-year Treasury yield increased ten basis points to 1.26%, and the 10-year Treasury yield increased about seven basis points to 1.51% in the month. We have witnessed a relatively swift move in Treasury rates this month with the 2-year Treasury yield up roughly 19 basis points, and the 10-year Treasury yield up more than 20 basis points, year-to-date.

At the end of December, the 2-year Treasury yield was about 61 basis points higher and the 10-Year Treasury yield was about 60 basis points higher, year-over-year. We believe Treasury yields are likely to increase further this year, across the curve.

Consumer Prices

The Consumer Price Index (CPI) was up 7.0% year-over-year in December, versus up 6.8% year-over-year in November. Core CPI (CPI less food and energy) was up 5.5% year-over-year in December, versus up 4.9% in November. The Personal Consumption Expenditures (PCE) index was up 5.7% year-over-year in November, up from 5.1% in October. Core PCE was up 4.7% year-over-year in November, versus up 4.2% in October. Current inflation readings continue to run well above the Fed's longer-run target of around 2.0%. Upward pressure on inflation from supply chain bottlenecks and pandemic-related disruptions is likely to remain elevated over the near-term.

Retail Sales

On a year-over-year basis, retail sales were up 18.2% in November versus up 16.3% in October. On a month-over-month basis, retail sales were softer than expected in November, up 0.3% versus expectations of 0.8%, but this followed an upwardly revised gain of 1.8% in October. In our view, the data suggests that consumers may have started shopping early this holiday season in anticipation of supply shortages. Higher gas prices seem to have taken some wallet share, with spending at gasoline stations up 1.7% month-over-month. Amid the current resurgence of virus cases, the near-term outlook for retail sales is uncertain, and nonstore retailers (online) may be poised to outperform.

Labor Market

Job growth slowed in December, with US nonfarm payroll growth of just 199,000 in the month versus the consensus forecast of 450,000, but the unemployment rate still declined to 3.9%, the lowest level since February 2020. On a trailing 3-month and 6-month basis, payrolls increased an average of 365,000 and 508,000 per month, respectively, which still compares favorably to the average job gains in the five years leading up to the pandemic of about 196,000 per month. We believe a variety of factors are keeping some workers out of the labor force for now, which continues to hold back job growth despite strong demand from employers. The labor participation rate was unchanged in December at 61.9% and remains lower than the pre-pandemic level of 63.4%. The employment-population ratio increased to 59.5% in December form 59.3% in November, but also remains below the pre-pandemic level of 61.2%. The U-6 underemployment rate, which includes those who are marginally attached to the labor force and employed part time for economic reasons, declined to 7.3% in December from 7.7% in November (versus 7.0% in February 2020). Annualized average hourly earnings rose 0.6% month-over-month and were up 4.7% year-over-year in December versus 5.1% in November.

Housing Starts

Total housing starts jumped 11.8% in November to an annual pace of 1,679,000. Single-family starts increased 11.3% while multi-family starts increased 12.9%, month-over-month. On a year-over-year basis total housing starts were up 8.3% in November.

CHANDLER ASSET MANAGEMENT

TREASURY YIELDS	12/31/2021	9/30/2021	CHANGE
3 Month	0.04	0.04	0.00
2 Year	0.73	0.28	0.45
3 Year	0.96	0.51	0.45
5 Year	1.26	0.97	0.29
7 Year	1.44	1.29	0.15
10 Year	1.51	1.49	0.02
30 Year	1.90	2.05	(0.15)

Supply and Demand Imbalances Continue to Impact Economic Data

ECONOMIC INDICATOR	Current Release	Prior Release	One Year Ago
Trade Balance	(80.17) $Bln NOV 21	(67.16) $Bln OCT 21	(67.31) $Bln NOV 20
Gross Domestic Product	2.30% SEP 21	6.70% JUN 21	33.80% SEP 20
Unemployment Rate	3.90% DEC 21	4.20% NOV 21	6.70% DEC 20
Prime Rate	3.25% DEC 21	3.25% NOV 21	3.25% DEC 20
Commodity Research Bureau Index	232.37 DEC 21	219.19 NOV 21	167.80 DEC 20
Oil (West Texas Int.)	$76.99 DEC 21	$66.18 NOV 21	$48.52 DEC 20
Consumer Price Index (y/o/y)	7.00% DEC 21	6.80% NOV 21	1.40% DEC 20
Producer Price Index (y/o/y)	13.30% NOV 21	12.60% OCT 21	(1.30%) NOV 20
Euro/Dollar	1.14 DEC 21	1.13 NOV 21	1.22 DEC 20

Source: Bloomberg

CHANDLER ASSET MANAGEMENT

Performance Attribution

Long-Term Portfolio

The OC Sanitation Long-Term Portfolio generated a negative total return of -0.63% during the quarter, however the relative performance was positive, outperforming the -0.69% return of the ICE Bank of America Merrill Lynch 1-5 Year US Corporate and Government AAA-A Index. Treasury yields between the two and five year maturity points migrated higher during the quarter as market participants pulled forward the timing of the Federal Reserve's first expected rate hike in 2022, contributing to the negative total return during the quarter. Credit spreads in aggregate also moved moderately wider, but overall, the credit selection within the portfolio relative to the benchmark was a positive contributor to performance during the quarter. Additionally, the overall term structure of the portfolio, with an out of benchmark allocation to the very front end of the yield curve, was also a positive contributor to the relative return differential of the portfolio.

Many securities were purchase in the Treasury, Asset Backed, and Corporate sectors of the market to keep the portfolio invested to strategy and spend down the net $60 million contributed during the quarter. The purchased securities ranged in maturity from April 2022 to October 2026. A few securities were sold and one matured during the reporting period. The sector allocation changed moderately; the two largest changes were the 3.1% increase in the Treasury allocation to 34.9% of the portfolio, partially offset by the 2.8% decline in the Agency allocation to 21.8% of the portfolio. The duration of the portfolio contracted to 2.37 as of December 31, 2021, compared to 2.54 as of September 30, 2021. $50 million of the net $60 million contributed to the portfolio took place in late December and the Chandler team was conservative in reinvesting the new funds due to an expected pick up in market activity in early January 2022. The duration will be migrating higher in the first month of 2022.

Liquid Portfolio

The Liquidity Portfolio generated a total quarterly return of 0.00% versus the 0.01% return of the ICE Bank of America Merrill Lynch 3-month US Treasury Bill Index. Multiple securities were purchased in the Treasury sector to spend down residual cash and account for upcoming liquidity needs. The purchased securities ranged in maturity from January 2022 to July 2022, corresponding to the heavy cash flow needs at the end of January, June, and early August. A net of $101 million was contributed to the portfolio during the quarter. The asset allocation adjusted due to the large cash contribution during the reporting period. Notably the Treasury allocation increased by 6.6%, to 85.6% of the portfolio, as the new monies were invested in the Treasury sector to offset upcoming liquidity needs. The duration of the portfolio contracted during the quarter to 0.27 years compared to 0.45 year at the end of the prior reporting period. The large liquidity needs in January and June are material factors in the shorter duration of the portfolio.

CHANDLER ASSET MANAGEMENT

Economic Outlook

Fixed income markets are entering an inflection point in 2022 and volatility across asset classes is forecasted to increase as the outlook for monetary policy shifted materially in the fourth quarter of 2021. Since the onset of the coronavirus pandemic in 2020 developed market central banks have worked in a mostly synchronized manner, striving to set policy in a predictable fashion and suppress volatility in an effort to support the economic recovery; this dynamic will change in 2022. The inability of the coronavirus pandemic to recede for a sustained period of time has contributed to unintended consequences acutely manifesting in global demand and supply constraints. In the United States, the shortage of workers is leading to accelerated wage gains, particularly in the service sector, adding to the pressure on realized inflation data points. Although *market-based* measures of long-term inflation remain “anchored” and US Treasury Yields are below 2.0% out to the ten-year maturity point, realized inflation is now at uncomfortable levels with year-over-year Core PCE inflation most recently at 4.7% (November 2021) compared to a reading of 1.5% in December 2020. Most market participants are forecasting inflation readings to moderate in 2022, partly due to base effects in 2022 compared to 2021 and an easing of some of the supply side constraints, but the magnitude and pace of the reduction is a significant market uncertainty. Central bank policy makers are embracing risk management considerations via accelerating the unwinding of several of the policy support tools created during the pandemic to create policy optionality in the event the forecasted reduction in realized inflation does not occur. The US Federal Reserve is no longer extremely dovish, dropping the “transitory” description of inflation, arguing their dual mandates of full employment and stable prices has mostly been met. US growth is forecast to remain above trend in 2022 and the Federal Reserve will remove some policy accommodation via moderately increasing the Fed Funds rate and a reduction in the size of the balance sheet, but overall financial conditions are unlikely to enter restrictive territory in Chandler’s judgement.

The pace of job creation slowed during the fourth quarter of 2021 with the three-month moving average on non-farm payrolls contracting to a still robust 331k as of December 2021 compared to 651k as of September 2021. The U3 unemployment rate is now at 3.9%, compared to 4.7% in September, however the participation rate remains below pre-pandemic levels of 61.9% in December 2021 compared to 63.4% in January 2020, before the onset of the coronavirus pandemic in the United States. Average hourly earnings on a year over year basis are at 4.7% as of December 2021, compared to 3.0% in January 2020. As the coronavirus pandemic matures and enters the endemic stage, we believe the participation rate will begin to increase, helping to offset some of the recent wage inflation. Moving to the endemic stage will also help to improve immigration into the United States, which has been underwhelming of late, adding to the supply of available workers. On a longer-term basis, we expect constraints related to global supply chains to ease as more manufacturing capacity moves onshore and the impact of the coronavirus dissipates across regions as more of the global population enters the labor force. Assuming above trend growth and still accommodative financial conditions, despite monetary policy shifting, we believe the backdrop for risk assets will remain constructive in 2022 albeit with higher levels of market volatility compared to 2021.

Interest rates increased during the quarter leading to a negative total return for most fixed income strategies. The Treasury curve also continued its recent flattening trend, with two year Treasury notes increasing by 46 basis points during the quarter, five year Treasury notes increasing by 30 basis points, and the ten year Treasury only increasing by 2 basis points, despite the more elevated inflation readings during the quarter. Domestic equity markets outperformed following the flattish performance for the S&P 500 in Q3 2021, with the index returning more than 10% on a quarter over quarter basis in Q4 2021. We expect increased market volatility in 2022 and will be actively adjusting the portfolios underlying constituents and structure to generate solid risk adjusted returns over the cycle.

CHANDLER ASSET MANAGEMENT

Strategy

Strategy highlights for the Long-Term portfolio in coming months:

- Focus on optimizing the term structure positioning of the portfolio to take advantage of changing market dynamics as the Federal Reserve begins to remove some policy accommodation. A barbell portfolio structure continues to look attractive.
- Continue to update the underlying mix of securities within the Corporate allocation. As markets become more volatile, take advantage of the new issue market when possible.
- Continue to avoid adding exposure to the Agency sector until relative valuations improve.
- Expand the ABS allocation via the new issue market when spreads are typically more attractive.

Strategy highlights for the Liquidity portfolio in coming months:

- Focus on upcoming liquidity needs based on the cash flow forecast; ensure maturing securities offset cash flow needs.
- Opportunistically add longer duration Corporate, Negotiable CD, and Commercial paper beyond the six month maturity point to enhance the total return of the strategy.
- Maintain a dedicated exposure to the Treasury sector on an ongoing basis to ensure transactional liquidity in the event of an unexpected cash flow need.

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Compliance Issues

Orange County Sanitation District Long Term

Assets managed by Chandler Asset Management are in full compliance with state law and with the investment policy

Category	Standard	Comment
U.S. Treasuries	10% minimum; 5 years max maturity	*Complies**
Federal Agencies	20% max per agency of the U.S. Government, which does not provide the full faith and credit of the U.S. government; 5 years max maturity; Securities, obligations, participations, or other instruments of, or issued by, or fully guaranteed as to principal and interest by the US Government , a federal agency, or a US Government-sponsored enterprise	*Complies*
Supranational Obligations	"AA" rated or better by a NRSRO; 30% max; 5 years max maturity; U.S. dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development ("IBRD"), the International Finance Corporation ("IFC") or the Inter-American Development Bank ("IADB")	*Complies*
Municipal Securities	"A" rated or higher by a NRSRO; or as otherwise approved by the Board of Directors; Taxable or tax-exempt municipal bonds issued by any of the 50 states; 10% max; 5% max issuer; 5 years max maturity	*Complies*
Corporate Medium Term Notes	"A" rating category or better by a NRSRO; 30% max; 5% max per issuer; 5 years max maturity; Issued by corporations organized and operating within the U.S. or issued by depository institutions licensed by the U.S. or any state and operating within the U.S. with AUM >$500 million	*Complies*
Non- Agency Asset-Backed Securities, Mortgage-Backed Securities, CMOs	"AA" rating category or better by a NRSRO; 20% max(combined MBS/CMO/ABS); 5% max issuer (except U.S. government or its agencies) ; 5 years max maturity; Mortgage pass-through security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-backed certificate, consumer receivable pass-through certificate, or consumer receivable-backed bond	*Complies**
Negotiable Certificates of Deposit (NCD)	"A" rating or better long term debt by a NRSRO; or highest short term rating for deposits by a NRSRO; or as otherwise approved by the Board of Directors; 30% max; 5% max issuer; 5 years max maturity; Negotiable certificates of deposit issued by a nationally or state-chartered bank or state of federal savings and loan association, as defined by Section 5102 of the California Financial Code	*Complies*
Certificates of Deposit	5% max issuer; 5 years max maturity; Secured (collateralized) time deposits issued by a nationally or state-chartered bank or state or federal savings and loan association, as defined by Section 5102 of the California Financial Code and having a net operating profit in the two most recently completed fiscal years; Collateral must comply with California Government Code	*Complies*
Banker's Acceptances	A-1 rated or highest short term rating by a NRSRO; 40% max; 5% max issuer; 180 days max maturity; Acceptance is eligible for purchase by the Federal Reserve System	*Complies*
Commercial Paper	A-1 rated or better by a NRSRO; "A" long term debt rating or better by a NRSRO; Issued by a domestic corporation organized and operating in the U.S. with assets > $500 million; 25% max; 5% max issuer; 10% max of the outstanding commercial paper of any single issuer; 270 days max maturity	*Complies*
Mutual Fund & Money Market Mutual Fund	Highest rating or "AAA" rated by two NRSROs; or SEC registered adviser with AUM >$500 million and experience > than 5 years; 20% max in Mutual Funds; 10% max per one Mutual Fund; 20% max per issuer on Money Market Mutual Funds and are not subject to the 10% stipulation	*Complies*
Local Agency Investment Fund (LAIF)	No more than the statutory maximum may be invested in LAIF; Not used by investment adviser; Investment of OCSD funds in LAIF shall be subject to investigation and due diligence prior to investing, and on a continual basis to a level of review pursuant to the policy	*Complies*
Orange County Treasurer's Money Market Commingled Investment Pool (OCCIP)	15% max; Not used by investment adviser; Orange County Treasurer's Money Market Commingled Investment Pool; Investment of OCSD funds in OCCIP would be subject to investigation and due diligence prior to investing and on continual basis to a level of review pursuant to the policy	*Complies*
Repurchase Agreements	20% max; 102% collateralization	*Complies*
Reverse Repurchase Agreements	5% max, 90 days max maturity	*Complies*
Prohibited	Mortgage Derivatives, which include interest-only payments (IOs) and principal-only payments (POs); Inverse floaters, and RE-REMICS (Real Estate Mortgage Investment Conduits)	*Complies*
Securities Downgrade	If securities owned by the OCSD are downgraded below the quality required by the Investment Policy, it shall be OCSD's policy to review the credit situation and make a determination as to whether to sell or retain such securities in the portfolio. If a decision is made to retain the downgraded securities in the portfolio, their presence in the portfolio will be monitored and reported quarterly to the OCSD General Manager, the Administration Committee and Board of Directors	*Complies*
Avg Duration	Not to exceed 60 months - (80% to 120% of the benchmark)	*Complies*
Max Per Holding	5% max of the total debt outstanding of any issuer per individual holding	*Complies*
Max Per Issuer	5% max per issuer (except Supranationals, U.S. Government, Agencies, Mutual Funds); 20% max per issuer on Money Market Mutual Funds	*Complies*
Maximum Maturity	5 years max maturity	*Complies**

**The portfolio has nineteen (19) securities with maturities greater than 5 years including four (4) CMOs and sixteen (15) MBS. All securities were inherited from the previous manager and complied at time of purchase.*

Orange County Sanitation District Liquid

Assets managed by Chandler Asset Management are in full compliance with state law and with the investment policy

Category	Standard	Comment
U.S. Treasuries	10% minimum; 1 year max maturity	*Complies*
Federal Agencies	20% max per agency of the U.S. Government, which does not provide the full faith and credit of the U.S. government; 1 year max maturity; Securities, obligations, participations, or other instruments of, or issued by, or fully guaranteed as to principal and interest by the US Government , a federal agency, or a US Government-sponsored enterprise	*Complies*
Supranational Obligations	"AA" rated or better by a NRSRO; 30% max; 1 year max maturity; U.S. dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development ("IBRD"), the International Finance Corporation ("IFC") or the Inter-American Development Bank ("IADB")	*Complies*
Municipal Securities	"A" rated or higher by a NRSRO; or as otherwise approved by the Board of Directors; Taxable or tax-exempt municipal bonds issued by any of the 50 states; 10% max; 5% max issuer; 1 year max maturity	*Complies*
Corporate Medium Term Notes	"A" rating category or better by a NRSRO; 30% max; 5% max per issuer; 1 year max maturity; Issued by corporations organized and operating within the U.S. or issued by depository institutions licensed by the U.S. or any state and operating within the U.S. with AUM >$500 million	*Complies*
Non- Agency Asset-Backed Securities, Mortgage-Backed Securities, CMOs	"AA" rating category or better by a NRSRO; 20% max (combined MBS/CMO/ABS); 5% max issuer (except U.S. government or its agencies) ; 1 year max maturity; Mortgage pass-through security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-backed certificate, consumer receivable pass-through certificate, or consumer receivable-backed bond	*Complies*
Negotiable Certificates of Deposit (NCD)	"A" rating or better long term debt by a NRSRO; or highest short term rating for deposits by a NRSRO; or as otherwise approved by the Board of Directors; 30% max; 5% max issuer; 1 year max maturity; Negotiable certificates of deposit issued by a nationally or state-chartered bank or state of federal savings and loan association, as defined by Section 5102 of the California Financial Code	*Complies*
Certificates of Deposit	5% max issuer; 1 year max maturity; Secured (collateralized) time deposits issued by a nationally or state-chartered bank or state or federal savings and loan association, as defined by Section 5102 of the California Financial Code and having a net operating profit in the two most recently completed fiscal years; Collateral must comply with California Government Code	*Complies*
Banker's Acceptances	A-1 rated or highest short term rating by a NRSRO; 40% max; 5% max issuer; 180 days max maturity; Acceptance is eligible for purchase by the Federal Reserve System	*Complies*
Commercial Paper	A-1 rated or better by a NRSRO; "A" long term debt rating or better by a NRSRO; Issued by a domestic corporation organized and operating in the U.S. with assets > $500 million; 25% max; 5% max issuer; 10% max of the outstanding commercial paper of any single issuer; 270 days max maturity	*Complies*
Mutual Fund & Money Market Mutual Fund	Highest rating or "AAA" rated by two NRSROs; or SEC registered adviser with AUM >$500 million and experience > than 5 years; 20% max in Mutual Funds; 10% max per one Mutual Fund; 20% max per issuer on Money Market Mutual Funds and are not subject to the 10% stipulation	*Complies*
Local Agency Investment Fund (LAIF)	No more than the statutory maximum may be invested in LAIF; Not used by investment adviser; Investment of OCSD funds in LAIF shall be subject to investigation and due diligence prior to investing, and on a continual basis to a level of review pursuant to the policy	*Complies*
Orange County Treasurer's Money Market Commingled Investment Pool (OCCIP)	15% max; Not used by investment adviser; Orange County Treasurer's Money Market Commingled Investment Pool; Investment of OCSD funds in OCCIP would be subject to investigation and due diligence prior to investing and on continual basis to a level of review pursuant to the policy	*Complies*
Repurchase Agreements	20% max; 102% collateralization	*Complies*
Reverse Repurchase Agreements	5% max, 90 days max maturity	*Complies*
Prohibited	Mortgage Derivatives, which include interest-only payments (IOs) and principal-only payments (POs); Inverse floaters, and RE-REMICS (Real Estate Mortgage Investment Conduits)	*Complies*
Securities Downgrade	If securities owned by the OCSD are downgraded below the quality required by the Investment Policy, it shall be OCSD's policy to review the credit situation and make a determination as to whether to sell or retain such securities in the portfolio. If a decision is made to retain the downgraded securities in the portfolio, their presence in the portfolio will be monitored and reported quarterly to the OCSD General Manager, the Administration Committee and Board of Directors	*Complies*
Avg Duration	Not to exceed 180 days	*Complies*
Max Per Holding	5% max of the total debt outstanding of any issuer per individual holding	*Complies*
Max Per Issuer	5% max per issuer (except Supranationals, U.S. Government, Agencies, Mutual Funds); 20% max per issuer on Money Market Mutual Funds	*Complies*
Maximum Maturity	1 year max maturity	*Complies*

CHANDLER ASSET MANAGEMENT

OCSD Lehman Exposure

Assets managed by Chandler Asset Management are in full compliance with state law and with the investment policy

Category	Standard	Comment
Treasury Issues	5 years maximum maturity	*Complies*
Supranational	"AA" or better by 1 of 3 NRSROs; 30% maximum; 5% max; 5 years maturity; Includes only: IADB, IBRD, and IFC per CGC	*Complies*
U.S. Agencies	20% max issuer; 5 years maximum maturity	*Complies*
U.S. Corporate (MTNs)	"A" or better long term rating by 1 of 3 NRSROs; 30% maximum; 5% max issuer; 5 years max maturity	*Complies**
Municipal Securities	"A" or higher by 1 of 3 NRSROS; 10% maximum; 5% max issuer; 5 years maximum maturity	*Complies*
Asset Backed/ CMOs/ Mortgage-backed	"AA" or better by 1 of 3 NRSROs; "A" or higher issuer rating by 1 of 3 NRSROs; 20% maximum; 5% max issuer (excluding MBS/govt agency); 5 years max maturity	*Complies*
Negotiable CDs	"A" or better on its long term debt by 1 of 3 NRSROs ; "A1/P1" or highest short term ratings by 1 of 3 NRSROs; 30% maximum; 5% max issuer; 5 years max maturity	*Complies*
CDs/ TDS	5% max issuer; 5 years max maturity	*Complies*
Banker's Acceptances	A-1, or equivalent highest short term rating by 1 of 3 NRSROS; 40% maximum; 5% max issuer; 180 days max maturity	*Complies*
Commercial Paper	A-1, or equivalent by 1 of 3 NRSROS; "A" or better by 1 of 3 NRSROs, if long term debt issued; 25% maximum; 5% max issuer; 270 days max maturity	*Complies*
Money Market Fund	Highest rating by 2 of 3 NRSROs; 20% maximum; 10% max issuer	*Complies*
Repurchase Agreements	102% collateralization	*Complies*
Reverse Repurchase Agreements	5% maximum, 90 days max maturity	*Complies*
LAIF	Not used by investment adviser	*Complies*
Avg Duration	Not to exceed 60 months - (80% to 120% of the benchmark)	*Complies*
Maximum Maturity	5 years maximum maturity	*Complies*

** Account holds $2 million face value (cusip 525ESC0Y6) and $600,000 face value (cusip 525ESC1B7) of defaulted Lehman Bros Holdings that were purchased by the previous manager. Complied at time of purchase.*

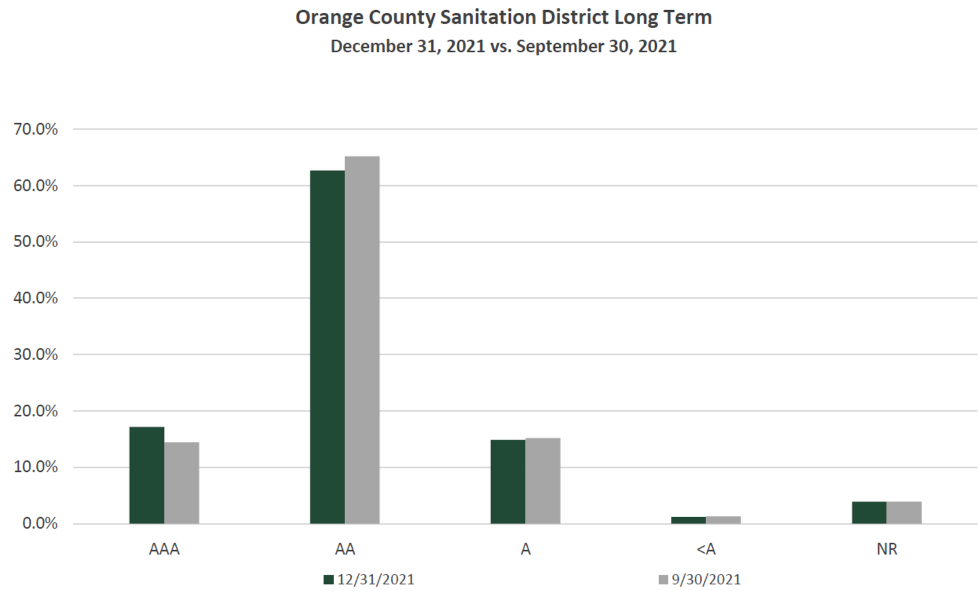
CHANDLER ASSET MANAGEMENT

Defaulted Bonds

OC SAN Lehman Exposure - Account #10284

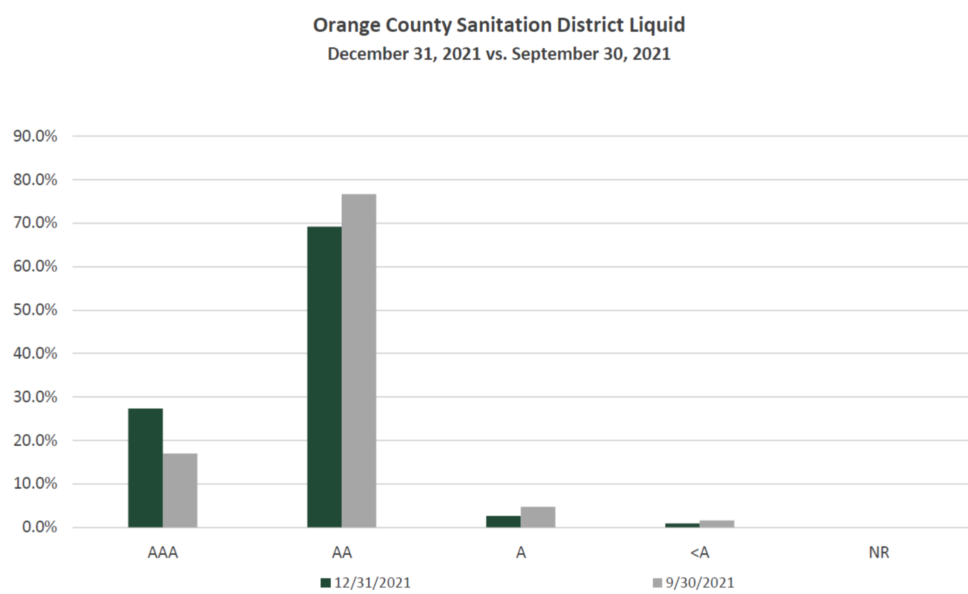
CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
Common Stock									
SLHOPNTA4	Lehman Brothers, Inc Open Position Long Exposure 0.000% Due 12/31/2021	60,641.49	11/21/2014 0.00%	57,842.64 57,842.64	0.42 0.00%	25,621.03 0.00	64.18% (32,221.61)	NR / NR NR	0.00 0.00
TOTAL Common Stock		**60,641.49**	**0.00%**	**57,842.64** **57,842.64**	**0.00%**	**25,621.03** **0.00**	**64.18%** **(32,221.61)**	**NR / NR** **NR**	**0.00** **0.00**
Corporate									
525ESCIB7	Lehman Brothers Note-Defaulted 0.000% Due 01/24/2022	600,000.00	09/19/2008 0.00%	316,428.27 316,428.27	0.55 0.00%	3,300.00 0.00	8.27% (313,128.27)	NR / NR NR	0.07 0.00
525ESC0Y6	Lehman Brothers Note-Defaulted 0.000% Due 10/22/2049	2,000,000.00	09/18/2008 0.00%	1,019,380.10 1,019,380.10	0.55 0.00%	11,000.00 0.00	27.55% (1,008,380.10)	NR / NR NR	27.83 0.00
TOTAL Corporate		**2,600,000.00**	**0.00%**	**1,335,808.37** **1,335,808.37**	**0.00%**	**14,300.00** **0.00**	**35.82%** **(1,321,508.37)**	**NR / NR** **NR**	**21.42** **0.00**
TOTAL PORTFOLIO		**2,660,641.49**	**0.00%**	**1,393,651.01** **1,393,651.01**	**0.00%**	**39,921.03** **0.00**	**100.00%** **(1,353,729.98)**	**NR / NR** **NR**	**7.67** **0.00**
TOTAL MARKET VALUE PLUS ACCRUALS						**39,921.03**			

Ratings



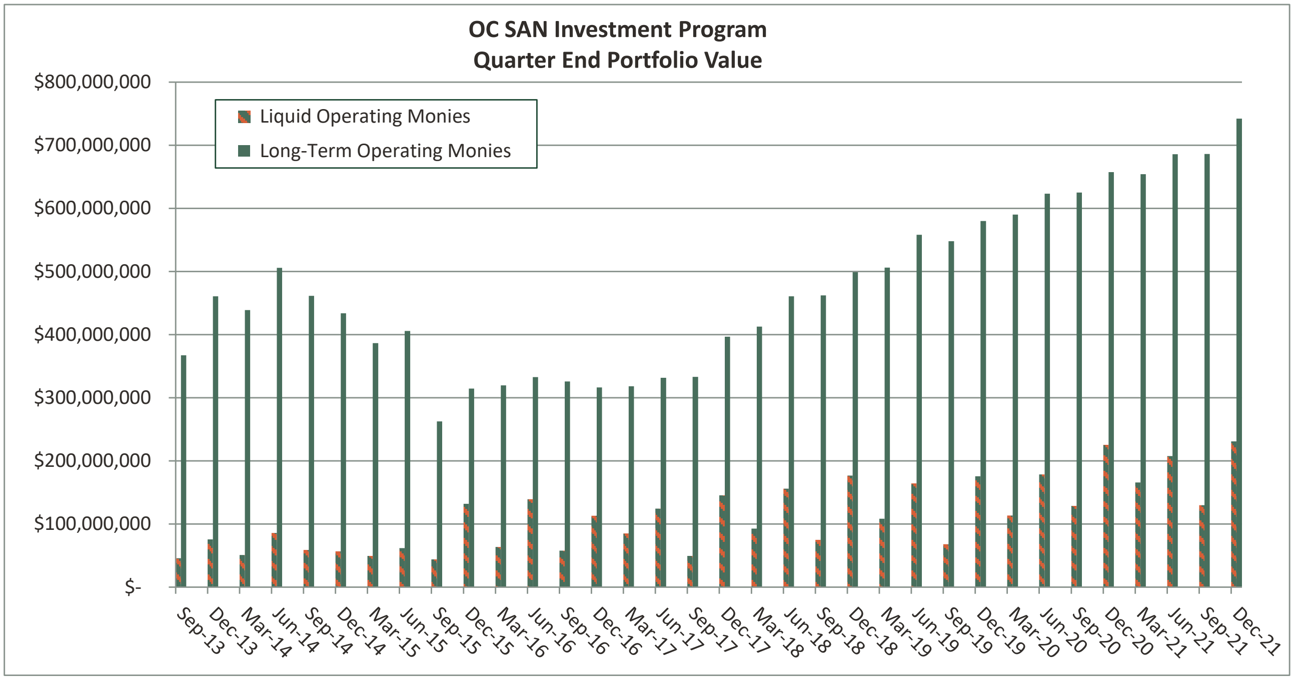
	AAA	AA	A	<A	NR
12/31/21	17.2%	62.7%	14.9%	1.2%	3.9%
09/30/21	14.4%	65.2%	15.2%	1.3%	3.9%

Source: S&P Ratings

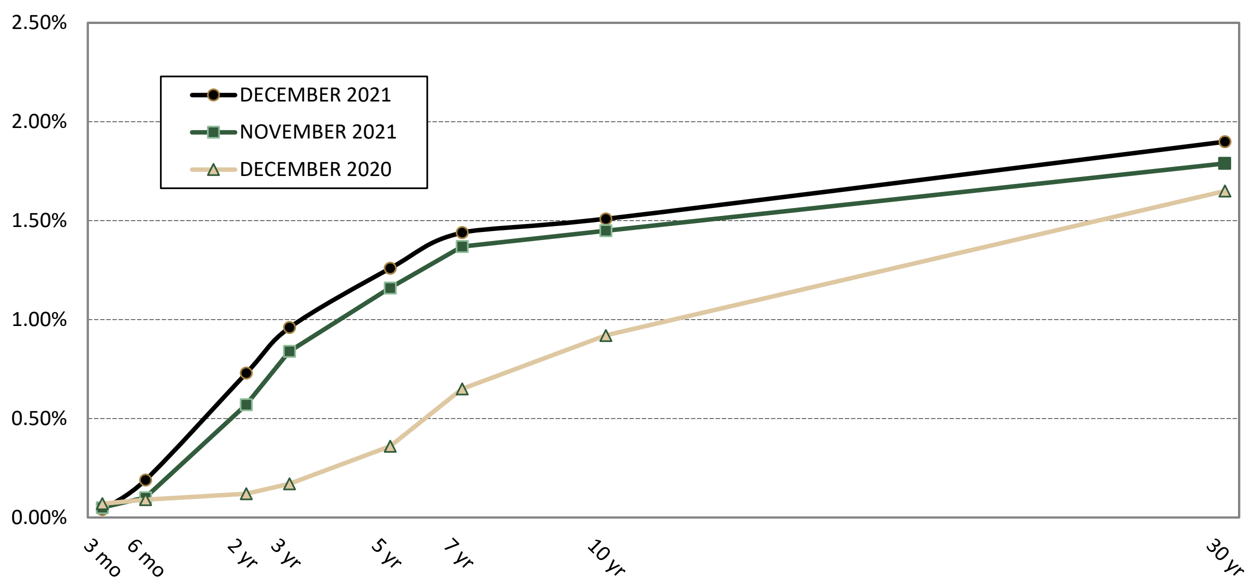


	AAA	AA	A	<A	NR
12/31/21	27.3%	69.2%	2.6%	0.9%	0.0%
09/30/21	17.0%	76.7%	4.7%	1.6%	0.0%

Source: S&P Ratings



HISTORICAL YIELD CURVE



Orange County Sanitation District Liquid

Account #10282

Portfolio Summary

As of December 31, 2021

PORTFOLIO CHARACTERISTICS

Average Modified Duration	0.27
Average Coupon	0.80%
Average Purchase YTM	0.11%
Average Market YTM	0.18%
Average S&P/Moody Rating	AA+/Aaa
Average Final Maturity	0.27 yrs
Average Life	0.20 yrs

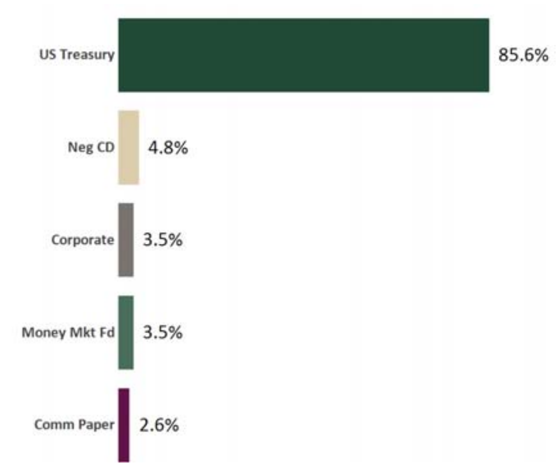
ACCOUNT SUMMARY

	Beg. Values as of 11/30/21	End Values as of 12/31/21
Market Value	159,385,605	230,249,195
Accrued Interest	477,957	607,747
Total Market Value	**159,863,562**	**230,856,942**
Income Earned	9,710	11,684
Cont/WD		71,000,000
Par	159,016,822	230,073,529
Book Value	159,396,254	230,278,148
Cost Value	160,030,447	231,046,288

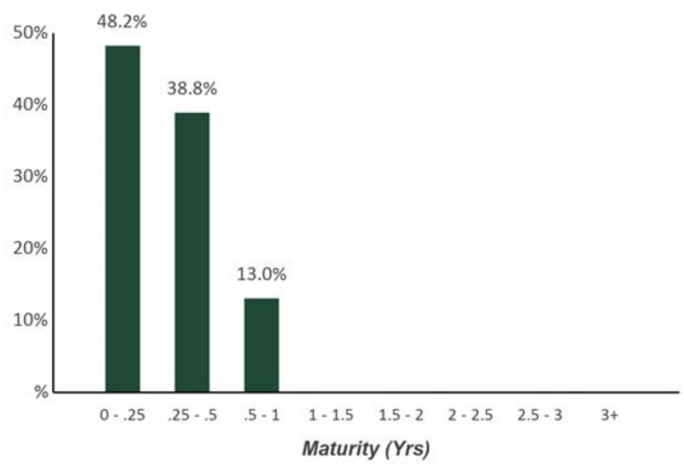
TOP ISSUERS

Government of United States	85.6%
First American Govt Obligation	3.5%
Toyota Motor Corp	1.7%
Nordea Bank ABP New York	1.3%
Svenska Handelsbanken NY	1.3%
Bank of Nova Scotia Houston	1.3%
Caterpillar Inc	0.9%
Morgan Stanley	0.9%
Total	**96.5%**

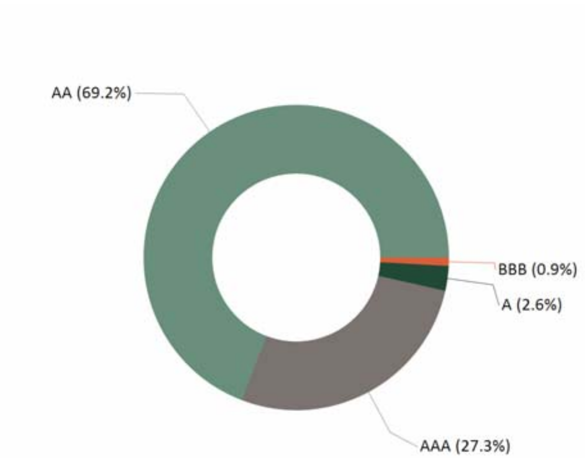
SECTOR ALLOCATION



MATURITY DISTRIBUTION



CREDIT QUALITY (S&P)



PERFORMANCE REVIEW

					Annualized				
TOTAL RATE OF RETURN	**1M**	**3M**	**YTD**	**1YR**	**2YRS**	**3YRS**	**5YRS**	**10YRS**	**11/30/2014**
Orange County Sanitation District Liquid	0.00%	0.00%	0.08%	0.08%	0.47%	1.12%	1.23%	N/A	0.97%
ICE BofA 3-Month US Treasury Bill Index	0.01%	0.01%	0.05%	0.05%	0.36%	0.99%	1.14%	N/A	0.86%

Orange County Sanitation District Long Term

Account #10268

Portfolio Summary

As of December 31, 2021

PORTFOLIO CHARACTERISTICS

Average Modified Duration	2.37
Average Coupon	1.44%
Average Purchase YTM	1.38%
Average Market YTM	0.82%
Average S&P/Moody Rating	AA+/Aa1
Average Final Maturity	2.58 yrs
Average Life	2.42 yrs

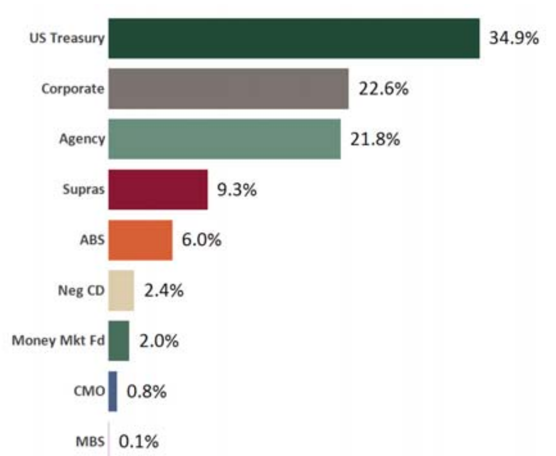
ACCOUNT SUMMARY

	Beg. Values as of 11/30/21	End Values as of 12/31/21
Market Value	690,795,813	739,934,202
Accrued Interest	2,496,794	2,291,576
Total Market Value	**693,292,606**	**742,225,778**
Income Earned	803,775	826,702
Cont/WD		50,097,656
Par	683,178,204	734,404,033
Book Value	684,698,523	735,828,098
Cost Value	684,861,877	736,026,784

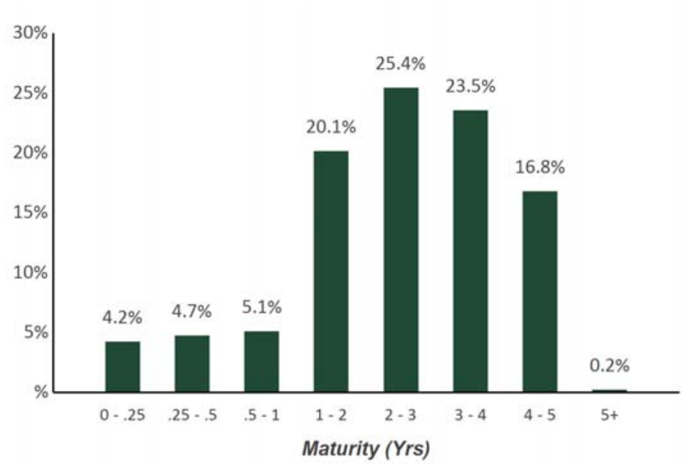
TOP ISSUERS

Government of United States	34.9%
Federal National Mortgage Assoc	9.1%
Federal Home Loan Bank	6.2%
Federal Home Loan Mortgage Corp	5.5%
Inter-American Dev Bank	5.2%
Intl Bank Recon and Development	4.2%
First American Govt Obligation	2.0%
Federal Farm Credit Bank	1.9%
Total	**68.9%**

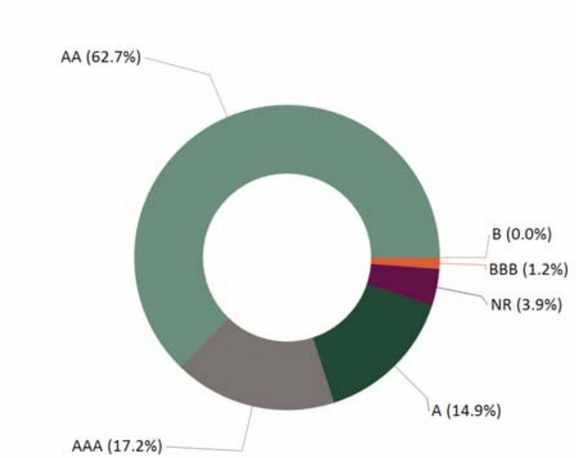
SECTOR ALLOCATION



MATURITY DISTRIBUTION



CREDIT QUALITY (S&P)



PERFORMANCE REVIEW

					Annualized				
TOTAL RATE OF RETURN	**1M**	**3M**	**YTD**	**1YR**	**2YRS**	**3YRS**	**5YRS**	**10YRS**	**11/30/2014**
Orange County Sanitation District Long Term	-0.17%	-0.63%	-0.92%	-0.92%	1.70%	2.67%	2.14%	N/A	1.80%
ICE BofA 1-5 Yr AAA-A US Corp & Govt Index	-0.24%	-0.69%	-1.00%	-1.00%	1.68%	2.65%	2.09%	N/A	1.76%
ICE BofA 1-5 Yr US Corp & Govt Index	-0.21%	-0.69%	-0.87%	-0.87%	1.85%	2.92%	2.28%	N/A	1.93%

Orange County Sanitation District
Investment Transactions and Balances in the
State of California Local Agency Investment Fund
December 31, 2021

	Par Value	Book Value	Market Value	Rate	Yield
Balance					
December 1, 2021	**$63,766,841**	**$63,766,841**	**$63,766,841**	**0.21**	**0.21**
Deposits:					
12/23/2021	13,900,000	13,900,000	13,900,000	0.21	0.21
Total Deposits	13,900,000	13,900,000	13,900,000	0.21	0.21
Quarterly Interest Distribution	-	-	-	0.21	0.21
Withdrawals:					
12/1/2021	(2,600,000)	(2,600,000)	(2,600,000)	0.21	0.21
12/8/2021	(4,300,000)	(4,300,000)	(4,300,000)	0.21	0.21
12/14/2021	(2,700,000)	(2,700,000)	(2,700,000)	0.21	0.21
12/15/2021	(2,800,000)	(2,800,000)	(2,800,000)	0.21	0.21
Total Withdrawals	(12,400,000)	(12,400,000)	(12,400,000)	0.21	0.21
Balance					
December 31, 2021	**$65,266,841**	**$65,266,841**	**$65,266,841**	**0.21**	**0.21**

U.S. Bank
Asset Summary - Liquid
As of 12/31/2021

Industry Name	Shares/Units	Cost Basis	Market Value	Percent of Total	Unrealized Gain/Loss
Cash Equivalents					
COMMERCIAL PAPER	6,000,000.0000	5,993,774.45	5,999,740.00	2.61	5,965.55
FIRST AMERICAN SHORT TERM FDS	8,073,528.5000	8,073,528.50	8,073,528.50	3.51	-
U. S. GOVERNMENT	45,000,000.0000	44,971,117.81	44,977,390.00	19.53	6,272.19
Cash Equivalents Total	**59,073,528.5000**	**59,038,420.76**	**59,050,658.50**	**25.65**	**12,237.74**
Fixed Income					
CONSUMER DISCRETIONARY	2,000,000.0000	2,032,780.00	2,011,480.00	0.87	(21,300.00)
FINANCE	4,000,000.0000	4,096,680.00	4,037,560.00	1.75	(59,120.00)
FIXED INCOME FUNDS OTHER	3,000,000.0000	3,000,300.89	3,000,960.00	1.30	659.11
INDUSTRIAL	2,000,000.0000	2,043,700.00	2,007,360.00	0.87	(36,340.00)
SHORT TERM FUNDS	8,000,000.0000	8,001,280.87	8,000,380.00	3.47	(900.87)
U. S. GOVERNMENT	152,000,000.0000	152,833,125.01	152,145,520.00	66.08	(687,605.01)
Fixed Income Total	**171,000,000.0000**	**172,007,866.77**	**171,203,260.00**	**74.35**	**(804,606.77)**
Grand Total	**230,073,528.5000**	**231,046,287.53**	**230,253,918.50**	**100.00**	**(792,369.03)**

U.S. Bank
Asset Summary - Long-Term
As of 12/31/2021

Industry Name	Shares/Units	Cost Basis	Market Value	Percent of Total	Unrealized Gain/Loss
Cash Equivalents					
FIRST AMERICAN SHORT TERM FDS	14,559,938.2000	14,559,938.20	14,559,938.20	1.97	-
U. S. GOVERNMENT	10,000,000.0000	9,996,363.89	9,997,700.00	1.35	1,336.11
Cash Equivalents Total	**24,559,938.2000**	**24,556,302.09**	**24,557,638.20**	**3.32**	**1,336.11**
Fixed Income					
CONSUMER DISCRETIONARY	14,554,000.0000	14,656,686.38	14,687,565.06	1.99	30,878.68
CONSUMER STAPLES	6,955,000.0000	6,950,042.65	7,079,074.55	0.96	129,031.90
ENERGY	3,500,000.0000	3,441,095.00	3,603,670.00	0.49	162,575.00
FINANCE	100,669,000.0000	100,109,562.66	99,253,110.01	13.42	(856,452.65)
FIXED INCOME FUNDS OTHER	7,000,000.0000	7,000,702.07	7,002,240.00	0.95	1,537.93
FOREIGN FIXED INCOME	14,500,000.0000	14,676,215.00	15,037,455.00	2.03	361,240.00
HEALTH CARE	3,755,000.0000	3,709,323.15	3,794,830.90	0.51	85,507.75
INDUSTRIAL	1,250,000.0000	1,250,237.50	1,311,662.50	0.18	61,425.00
INFORMATION TECHNOLOGY	17,712,000.0000	18,359,669.56	18,581,399.34	2.51	221,729.78
MTG RELATED SECURITY	50,909,404.5500	51,336,101.11	51,015,067.25	6.90	(321,033.86)
PRIVATE PLACEMENTS	3,745,000.0000	3,741,554.60	3,663,883.30	0.50	(77,671.30)
SHORT TERM FUNDS	11,000,000.0000	11,000,302.19	10,992,300.00	1.49	(8,002.19)
SUPRANATIONAL	69,940,000.0000	69,585,857.85	69,069,885.10	9.34	(515,972.75)
U. S. GOVERNMENT	235,253,474.6500	233,936,441.25	235,674,312.96	31.86	1,737,871.71
U.S. GOVERNMENT TIPS	12,111,216.0000	11,966,496.09	12,909,829.58	1.75	943,333.49
US AGY - LONG TERM ISSUES	159,590,000.0000	161,136,353.75	161,548,987.70	21.84	412,633.95
Fixed Income Total	**712,444,095.2000**	**712,856,640.81**	**715,225,273.25**	**96.68**	**2,368,632.44**
Grand Total	**737,004,033.4000**	**737,412,942.90**	**739,782,911.45**	**100.00**	**2,369,968.55**

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BNY MELLON

Statement Period 12/01/2021 Through 12/31/2021
Account 300282 Base Currency = USD
OCSD LIBERTY MUTUAL

Statement of Assets Held by Asset Classification

Shares/Par Value	Asset Description	Market Price	Market Value	Cost	Average Cost	Accrued Income	Estimated Income	Market Yield
CASH AND SHORT TERM								
500,000.000	UNITED STATES TREASURY BILL CUSIP: 912796F38 MATURITY DATE: 03/24/2022 RATE: 0.000%	99.98800	499,940.00	499,762.39	99.95248	0.00	0.00	0.00%
	CASH BALANCE		941.20	941.20	0.00000	0.00	0.00	0.00%
Total CASH AND SHORT TERM			**500,881.20**	**500,703.59**		**0.00**	**0.00**	**0.00%**
ACCOUNT TOTALS			**500,881.20**	**500,703.59**		**0.00**	**0.00**	**0.00%**

Total Market Value Plus Total Accrued Income 500,881.20

Statement of Transactions by Transaction Date

Transaction Date	Transaction Description	Income	Principal	Cost	Realized Gains/Losses

No Transactions This Period

Cumulative realized capital gain and loss position from 12/31/2020 for securities held in principal of account:

Short Term: 630.68 * Long Term: 0.00 *

* The above gain and loss position does not include transactions where tax cost information is incomplete or unavailable.

The Bank of New York Mellon may utilize subsidiaries and affiliates to provide services and certain products to the Account. Subsidiaries and affiliates may be compensated for their services and products.

The value of securities set forth on this Account Statement are determined by The Bank of New York Mellon for Corporate Trust on the basis of market prices and information obtained by The Bank of New York Mellon from unaffiliated third parties (including independent pricing vendors) ("third party pricing services"). The Bank of New York Mellon has not verified such market values or information and makes no assurances as to the accuracy or correctness of such market values or information or that the market values set forth on this Account Statement reflect the value of the securities that can be realized upon the sale of such securities. In addition, the market values for securities set forth in this Account Statement may differ from the market prices and information for the same securities used by other business units of The Bank of New York Mellon or its subsidiaries or affiliates based upon market prices and information received from other third party pricing services utilized by such other business units. Corporate Trust does not compare its market values with those used by, or reconcile different market values used by, other business units of The Bank of New York Mellon or its subsidiaries or its affiliates. The Bank of New York Mellon shall not be liable for any loss, damage or expense incurred as a result of or arising from or related to the market values or information provided by third party pricing services or the differences in market prices or information provided by other third party pricing services.

U.S. Bank
Investment Listing - Yield
As of 12/31/2021

Asset Category	CUSIP	Asset Short Name	Yield	Shares/Units	Moody's	S&P Rating	Price	Cost Basis	Market Value
Cash Equivalents	31846V567	FIRST AM GOVT OB FD CL Z	0.0200%	8,073,528.5000			1.00	8,073,528.50	8,073,528.50
Cash Equivalents	31846V567	FIRST AM GOVT OB FD CL Z	0.0200%	14,559,938.2000			1.00	14,559,938.20	14,559,938.20
Cash Equivalents	62479MAM5	MUFG BK LTD N Y BRH C P 1/21/22	0.0000%	2,000,000.0000			100.00	1,997,907.78	1,999,940.00
Cash Equivalents	89233HAU8	TOYOTA MTR CR CORP DISC C P 1/28/22	0.0000%	4,000,000.0000			100.00	3,995,866.67	3,999,800.00
Cash Equivalents	912796D30	U S TREASURY BILL 2/24/22	0.0175%	12,000,000.0000	N/A	N/A	100.00	11,997,256.50	11,999,520.00
Cash Equivalents	912796U23	U S TREASURY BILL 4/26/22	0.0638%	10,000,000.0000	N/A	N/A	99.98	9,996,463.06	9,997,700.00
Cash Equivalents	912796U23	U S TREASURY BILL 4/26/22	0.0638%	10,000,000.0000	N/A	N/A	99.98	9,996,363.89	9,997,700.00
Cash Equivalents	912796R43	U S TREASURY BILL 6/23/22	0.1626%	10,000,000.0000	N/A	N/A	99.92	9,990,904.17	9,992,000.00
Cash Equivalents	912796R50	U S TREASURY BILL 6/30/22	0.1827%	13,000,000.0000	N/A	N/A	99.91	12,986,494.08	12,988,170.00
Fixed Income	00440EAS6	ACE INA HOLDING 3.150% 3/15/25	2.9850%	2,000,000.0000	A3	A	105.53	2,203,740.00	2,110,580.00
Fixed Income	00440EAU1	ACE INA HOLDINGS 2.875% 11/03/22	2.8314%	4,169,000.0000	A3	A	101.54	4,232,453.17	4,233,160.91
Fixed Income	023135BW5	AMAZON COM INC 0.450% 5/12/24	0.4545%	5,490,000.0000	A1	AA	99.01	5,481,984.60	5,435,649.00
Fixed Income	02665WDF5	AMERICAN HONDA MTN 1.950% 5/20/22	1.9389%	2,000,000.0000	A3	A-	100.57	2,032,780.00	2,011,480.00
Fixed Income	02665WCZ2	AMERICAN HONDA MTN 2.400% 6/27/24	2.3301%	1,219,000.0000	A3	A-	103.00	1,213,843.63	1,255,557.81
Fixed Income	02665WCJ8	AMERICAN HONDA MTN 3.450% 7/14/23	3.3146%	845,000.0000	A3	A-	104.09	843,538.15	879,518.25
Fixed Income	02665WCQ2	AMERICAN HONDA MTN 3.625% 10/10/23	3.4579%	2,000,000.0000	A3	A-	104.83	1,998,320.00	2,096,640.00
Fixed Income	03215PFN4	AMRESCO 1.00712% 6/25/29	1.0206%	119,021.6400	N/A	BBB	98.68	89,377.81	117,448.17
Fixed Income	037833AZ3	APPLE INC 2.500% 2/09/25	2.4024%	3,922,000.0000	AAA	AA+	104.06	4,154,496.16	4,081,311.64
Fixed Income	037833CU2	APPLE INC 2.850% 5/11/24	2.7364%	3,000,000.0000	AAA	AA+	104.15	3,017,760.00	3,124,590.00
Fixed Income	06051GJD2	BANK AMER CORP MTN 1.319% 6/19/26	1.3332%	2,250,000.0000	A2	A-	98.94	2,254,432.50	2,226,105.00
Fixed Income	06417MQL2	BANK NOVA C D 0.200% 6/23/22	0.2001%	5,000,000.0000			99.95	4,999,999.61	4,997,400.00
Fixed Income	06417MNK7	BANK NOVA C D 0.220% 4/08/22	0.2200%	3,000,000.0000			100.00	3,000,000.00	2,999,940.00
Fixed Income	06051GHF9	BANK OF AMERICA 3.550% 3/05/24	3.4475%	6,675,000.0000	A2	A-	102.97	6,770,625.75	6,873,381.00
Fixed Income	06051GHY8	BANK OF AMERICAN MTN 2.015% 2/13/26	1.9894%	2,500,000.0000	A2	A-	101.29	2,583,450.00	2,532,175.00
Fixed Income	06368FAC3	BANK OF MONTREAL MTN 1.250% 9/15/26	1.2773%	3,000,000.0000	A2	A-	97.86	2,994,647.40	2,935,860.00
Fixed Income	06367WB85	BANK OF MONTREAL MTN 1.850% 5/01/25	1.8231%	7,000,000.0000	A2	A-	101.48	7,226,940.00	7,103,390.00
Fixed Income	06406RAA5	BANK OF NY MTN 2.600% 2/07/22	2.5990%	2,500,000.0000	WR	A	100.04	2,504,475.00	2,500,950.00
Fixed Income	06406RAE7	BANK OF NY MTN 2.950% 1/29/23	2.8863%	2,500,000.0000	A1	A	102.21	2,489,555.00	2,555,175.00
Fixed Income	05531FBG7	BB T CORPORATION MTN 3.050% 6/20/22	3.0203%	2,000,000.0000	A3	A-	100.98	2,049,420.00	2,019,640.00
Fixed Income	084670BR8	BERKSHIRE HATHAWAY 2.750% 3/15/23	2.6933%	2,500,000.0000	AA2	AA	102.10	2,440,950.00	2,552,600.00
Fixed Income	084664BT7	BERKSHIRE HATHAWAY 3.000% 5/15/22	2.9721%	4,000,000.0000	AA2	AA	100.94	4,131,120.00	4,037,600.00
Fixed Income	09247XAL5	BLACKROCK INC 3.500% 3/18/24	3.3119%	1,000,000.0000	AA3	AA-	105.68	1,036,330.00	1,056,780.00
Fixed Income	09690AAC7	BMW VEHICLE LEASE 0.330% 12/26/24	0.3325%	2,070,000.0000	AAA	N/A	99.24	2,069,786.38	2,054,164.50
Fixed Income	14913Q2T5	CATERPILLAR FINL MTN 2.950% 2/26/22	2.9392%	2,000,000.0000	A2	A	100.37	2,043,700.00	2,007,360.00
Fixed Income	808513AT2	CHARLES SCHWAB CORP 2.650% 1/25/23	2.6019%	6,750,000.0000	A2	A	101.85	6,729,480.00	6,874,807.50
Fixed Income	166764AH3	CHEVRON CORP 3.191% 6/24/23	3.0992%	3,500,000.0000	AA2	AA-	102.96	3,441,095.00	3,603,670.00
Fixed Income	00440EAP2	CHUBB INA HLDGS INC 2.700% 3/13/23	2.6362%	2,000,000.0000	A3	A	102.42	1,937,000.00	2,048,440.00
Fixed Income	3133ELYR9	F F C B DEB 0.250% 5/06/22	0.2499%	8,850,000.0000	AAA	AA+	100.04	8,838,760.50	8,853,805.50
Fixed Income	3133EKWV4	F F C B DEB 1.850% 7/26/24	1.7976%	5,000,000.0000	AAA	AA+	102.92	5,048,280.00	5,145,800.00
Fixed Income	3130A1XJ2	F H L B 2.875% 6/14/24	2.7420%	11,110,000.0000	AAA	AA+	104.85	11,589,031.30	11,648,723.90
Fixed Income	3130A4CH3	F H L B DEB 2.375% 3/14/25	2.2795%	5,225,000.0000	AAA	AA+	104.19	5,526,848.25	5,443,823.00

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U.S. Bank
Investment Listing - Yield
As of 12/31/2021

Asset Category	CUSIP	Asset Short Name	Yield	Shares/Units	Moody's	S&P Rating	Price	Cost Basis	Market Value
Fixed Income	3130A2UW4	F H L B DEB 2.875% 9/13/24	2.7359%	2,500,000.0000	AAA	AA+	105.09	2,635,950.00	2,627,150.00
Fixed Income	313383QR5	F H L B DEB 3.250% 6/09/23	3.1296%	5,000,000.0000	AAA	AA+	103.85	5,083,350.00	5,192,350.00
Fixed Income	313383YJ4	F H L B DEB 3.375% 9/08/23	3.2279%	10,000,000.0000	AAA	AA+	104.56	10,211,831.00	10,455,800.00
Fixed Income	3130A0F70	F H L B DEB 3.375% 12/08/23	3.2125%	10,000,000.0000	AAA	AA+	105.06	10,269,043.75	10,505,800.00
Fixed Income	3137BFE98	F H L B GTD REMIC 3.171% 10/25/24	3.0168%	5,000,000.0000	N/A	N/A	105.11	5,378,515.62	5,255,550.00
Fixed Income	3137EAEP0	F H L M C 1.500% 2/12/25	1.4786%	12,335,000.0000	AAA	AA+	101.44	12,510,182.05	12,513,117.40
Fixed Income	3137EAEN5	F H L M C 2.750% 6/19/23	2.6664%	10,000,000.0000	AAA	AA+	103.14	9,956,500.00	10,313,700.00
Fixed Income	3137EAEU9	F H L M C M T N 0.375% 7/21/25	0.3848%	5,030,000.0000	AAA	AA+	97.46	5,004,950.60	4,902,087.10
Fixed Income	3137EAEX3	F H L M C M T N 0.375% 9/23/25	0.3854%	7,660,000.0000	AAA	AA+	97.29	7,636,943.40	7,452,567.20
Fixed Income	31348SWZ3	F H L M C #786064 2.262% 1/01/28	2.2537%	1,319.7900	N/A	N/A	100.37	1,287.65	1,324.67
Fixed Income	31394JY35	F H L M C MLTCL MT 9.50001% 9/25/43	8.3950%	460,244.1100	N/A	N/A	113.16	521,226.45	520,826.04
Fixed Income	3133TCE95	F H L M C MLTCL MTG 3.787% 8/15/32	3.7704%	3,588.0500	N/A	N/A	100.44	3,591.82	3,603.86
Fixed Income	3135G05G4	F N M A 0.250% 7/10/23	0.2514%	6,775,000.0000	AAA	AA+	99.46	6,760,433.75	6,738,076.25
Fixed Income	3135G05X7	F N M A 0.375% 8/25/25	0.3855%	7,945,000.0000	AAA	AA+	97.27	7,907,817.40	7,727,783.70
Fixed Income	3135G04Z3	F N M A 0.500% 6/17/25	0.5102%	9,905,000.0000	AAA	AA+	98.01	9,884,496.65	9,707,395.25
Fixed Income	3135G06G3	F N M A 0.500% 11/07/25	0.5125%	8,255,000.0000	AAA	AA+	97.57	8,225,447.10	8,054,238.40
Fixed Income	3135G0X24	F N M A 1.625% 1/07/25	1.5961%	10,000,000.0000	AAA	AA+	101.81	10,157,936.40	10,180,800.00
Fixed Income	3135G0V34	F N M A 2.500% 2/05/24	2.4145%	5,000,000.0000	AAA	AA+	103.54	4,980,850.00	5,177,050.00
Fixed Income	31371NUC7	F N M A #257179 4.500% 4/01/28	4.2051%	6,617.6700	N/A	N/A	107.01	6,998.85	7,081.70
Fixed Income	31376KT22	F N M A #357969 5.000% 9/01/35	4.4193%	57,250.5400	N/A	N/A	113.14	61,544.32	64,772.69
Fixed Income	31403DJZ3	F N M A #745580 5.000% 6/01/36	4.4277%	53,293.9000	N/A	N/A	112.93	57,290.94	60,182.14
Fixed Income	31403GXF4	F N M A #748678 5.000% 10/01/33	4.5460%	787.8400	N/A	N/A	109.99	846.92	866.52
Fixed Income	31406PQY8	F N M A #815971 5.000% 3/01/35	4.4250%	78,209.7400	N/A	N/A	112.99	84,075.48	88,372.31
Fixed Income	31406XWT5	F N M A #823358 1.977% 2/01/35	1.8983%	55,226.4000	N/A	N/A	104.15	54,794.93	57,516.64
Fixed Income	31407BXH7	F N M A #826080 5.000% 7/01/35	4.4246%	10,711.7200	N/A	N/A	113.00	11,515.08	12,104.67
Fixed Income	31410F4V4	F N M A #888336 5.000% 7/01/36	4.4264%	89,715.5500	N/A	N/A	112.96	96,444.23	101,340.89
Fixed Income	3138EG6F6	F N M A #AL0869 4.500% 6/01/29	4.2042%	4,907.3200	N/A	N/A	107.04	5,189.98	5,252.60
Fixed Income	31417YAY3	F N M A #MA0022 4.500% 4/01/29	4.2029%	8,299.6800	N/A	N/A	107.07	8,777.72	8,886.47
Fixed Income	3135G03U5	F N M A DEB 0.625% 4/22/25	0.6338%	14,000,000.0000	AAA	AA+	98.62	13,996,711.60	13,806,520.00
Fixed Income	3135G0T94	F N M A DEB 2.375% 1/19/23	2.3273%	5,000,000.0000	AAA	AA+	102.05	4,910,990.00	5,102,400.00
Fixed Income	31397QRE0	F N M A GTD REMIC 2.472% 2/25/41	0.7697%	93,868.6800	N/A	N/A	101.58	93,839.37	95,348.05
Fixed Income	36225CAZ9	G N M A I I #080023 2.125% 12/20/26	2.0565%	8,993.7500	N/A	N/A	103.33	9,142.33	9,293.42
Fixed Income	36225CC20	G N M A I I #080088 2.000% 6/20/27	1.9770%	6,353.9400	N/A	N/A	101.17	6,492.94	6,427.96
Fixed Income	36225CNM4	G N M A I I #080395 1.875% 4/20/30	1.8158%	3,474.6500	N/A	N/A	103.26	3,443.15	3,587.96
Fixed Income	36225CN28	G N M A I I #080408 1.875% 5/20/30	1.8149%	29,387.1400	N/A	N/A	103.31	29,088.67	30,359.85
Fixed Income	36225DCB8	G N M A I I #080965 1.625% 7/20/34	1.5679%	25,096.9700	N/A	N/A	103.64	25,081.29	26,010.75
Fixed Income	362554AC1	GM FIN CONS AUTO 0.680% 9/16/26	0.6852%	1,705,000.0000	AAA	AAA	99.25	1,704,956.52	1,692,127.25
Fixed Income	43813GAC5	HONDA AUTO 0.270% 4/21/25	0.2715%	1,605,000.0000	AAA	N/A	99.46	1,604,970.63	1,596,397.20
Fixed Income	43813KAC6	HONDA AUTO 0.370% 10/18/24	0.3710%	3,235,000.0000	N/A	AAA	99.72	3,234,524.78	3,225,909.65
Fixed Income	43815GAC3	HONDA AUTO REC 0.880% 1/21/26	0.8821%	2,290,000.0000	AAA	N/A	99.76	2,289,517.27	2,284,435.30
Fixed Income	438516CB0	HONEYWELL 1.350% 6/01/25	1.3446%	5,000,000.0000	A2	A	100.40	5,119,000.00	5,020,200.00

U.S. Bank
Investment Listing - Yield
As of 12/31/2021

Asset Category	CUSIP	Asset Short Name	Yield	Shares/Units	Moody's	S&P Rating	Price	Cost Basis	Market Value
Fixed Income	44934KAC8	HTUNDAI AUTO REC TR 0.380% 1/15/26	0.3842%	6,040,000.0000	N/A	AAA	98.90	6,038,666.97	5,973,258.00
Fixed Income	44891VAC5	HYUNDAI AUTO LEASE 0.330% 6/17/24	0.3321%	4,155,000.0000	AAA	AAA	99.37	4,154,376.75	4,128,906.60
Fixed Income	44933LAC7	HYUNDAI AUTO REC 0.380% 9/15/25	0.3829%	2,100,000.0000	N/A	AAA	99.25	2,099,779.08	2,084,292.00
Fixed Income	44935FAD6	HYUNDAI AUTO REC TR 0.740% 5/15/26	0.7451%	1,600,000.0000	N/A	AAA	99.31	1,599,642.88	1,588,992.00
Fixed Income	458140BD1	INTEL CORP 2.875% 5/11/24	2.7615%	5,000,000.0000	A1	A+	104.11	5,025,900.00	5,205,500.00
Fixed Income	4581X0DZ8	INTER AMER BK M T N 0.500% 9/23/24	0.5068%	10,775,000.0000	AAA	AAA	98.65	10,767,026.50	10,629,968.50
Fixed Income	4581X0DN5	INTER AMER BK M T N 0.625% 7/15/25	0.6370%	5,050,000.0000	AAA	AAA	98.11	5,071,967.50	4,954,504.50
Fixed Income	4581X0DV7	INTER AMER BK M T N 0.875% 4/20/26	0.8891%	13,370,000.0000	AAA	AAA	98.41	13,308,765.40	13,157,283.30
Fixed Income	4581X0CZ9	INTER AMER DEV BK 1.750% 9/14/22	1.7336%	6,500,000.0000	AAA	AAA	100.95	6,249,655.00	6,561,425.00
Fixed Income	4581X0CW6	INTER AMER DEV BK 2.125% 1/18/22	2.1214%	3,000,000.0000	WR	N/A	100.17	2,996,310.00	3,005,070.00
Fixed Income	459058FY4	INTL BK 2.000% 1/26/22	1.9980%	10,000,000.0000	AAA	N/A	100.10	10,006,350.00	10,010,100.00
Fixed Income	459058JL8	INTL BK M T N 0.500% 10/28/25	0.5133%	15,000,000.0000	AAA	AAA	97.41	14,964,951.60	14,611,200.00
Fixed Income	459058JB0	INTL BK M T N 0.626% 4/22/25	0.6367%	6,245,000.0000	AAA	AAA	98.32	6,220,831.85	6,140,333.80
Fixed Income	24422EUM9	JOHN DEERE MTN 3.650% 10/12/23	3.4784%	1,250,000.0000	A2	A	104.93	1,250,237.50	1,311,662.50
Fixed Income	47789QAC4	JOHN DEERE OWN 0.520% 3/16/26	0.5260%	2,820,000.0000	AAA	N/A	98.86	2,819,748.46	2,787,767.40
Fixed Income	47788UAC6	JOHN DEERE OWNER 0.360% 9/15/25	0.3629%	2,300,000.0000	AAA	N/A	99.19	2,299,557.94	2,281,370.00
Fixed Income	47787NAC3	JOHN DEERE OWNER 0.510% 11/15/24	0.5108%	1,480,000.0000	AAA	N/A	99.85	1,479,774.45	1,477,735.60
Fixed Income	46625HRL6	JP MORGAN CHASE CO 2.700% 5/18/23	2.6401%	5,000,000.0000	A2	A-	102.27	4,821,910.00	5,113,450.00
Fixed Income	46647PBH8	JPMORGAN CHASE CO 2.005% 3/13/26	1.9816%	3,500,000.0000	A2	A-	101.18	3,602,345.00	3,541,265.00
Fixed Income	46647PAU0	JPMORGAN CHASE CO 3.797% 7/23/24	3.6433%	2,500,000.0000	A2	A-	104.22	2,632,175.00	2,605,450.00
Fixed Income	525ESC0Y6	LEHMAN BRTH HLD ESC	0.0000%	2,000,000.0000			-	1,017,827.66	-
Fixed Income	525ESCIB7	LEHMAN BRTH MTN ES 0.00001% 1/24/13	0.0018%	600,000.0000	N/A	N/A	0.55	315,960.88	3,300.00
Fixed Income	58769KAD6	MERCEDES BENZ AUTO 0.400% 11/15/24	0.4030%	3,315,000.0000	N/A	AAA	99.24	3,314,749.72	3,289,938.60
Fixed Income	58770FAC6	MERCEDES BENZ AUTO 1.840% 12/15/22	1.8351%	914,426.6500	AAA	AAA	100.27	914,306.13	916,859.02
Fixed Income	58933YAF2	MERCK CO INC 2.800% 5/18/23	2.7200%	2,000,000.0000	A1	A+	102.94	1,948,640.00	2,058,820.00
Fixed Income	58989V2D5	MET TOWER MTN 1.250% 9/14/26	1.2777%	3,745,000.0000	AA3	AA-	97.83	3,741,554.60	3,663,883.30
Fixed Income	61747YEA9	MORGAN STANLEY 0.790% 5/30/25	0.8005%	8,885,000.0000	A1	BBB+	98.69	8,889,710.25	8,768,873.05
Fixed Income	61744YAH1	MORGAN STANLEY 2.750% 5/19/22	2.7256%	2,000,000.0000	A1	BBB+	100.90	2,047,260.00	2,017,920.00
Fixed Income	65479JAD5	NISSAN AUTO 1.930% 7/15/24	1.9145%	2,724,922.1400	AAA	AAA	100.81	2,724,778.26	2,746,966.76
Fixed Income	65479GAD1	NISSAN AUTO 3.060% 3/15/23	3.0537%	287,650.8000	AAA	AAA	100.21	287,641.48	288,243.36
Fixed Income	65558UBJ0	NORDEA BK ABP C D 0.210% 5/16/22	0.2099%	3,000,000.0000			100.03	3,000,300.89	3,000,960.00
Fixed Income	65558UBJ0	NORDEA BK ABP C D 0.210% 5/16/22	0.2099%	7,000,000.0000			100.03	7,000,702.07	7,002,240.00
Fixed Income	69353RFB9	PNC BANK NA MTN 2.625% 2/17/22	2.6204%	1,000,000.0000	WR	A	100.18	974,940.00	1,001,770.00
Fixed Income	69353RFL7	PNC BANK NA MTN 3.500% 6/08/23	3.3734%	5,000,000.0000	A2	A	103.75	4,993,318.05	5,187,600.00
Fixed Income	747525AF0	QUALCOMM INC 3.450% 5/20/25	3.2375%	5,790,000.0000	A2	A	106.56	6,161,513.40	6,169,997.70
Fixed Income	78015K7H1	ROYAL BANK OF MTN 1.150% 6/10/25	1.1600%	4,000,000.0000	A2	A	99.14	4,013,620.00	3,965,440.00
Fixed Income	78013XZU5	ROYAL BANK OF MTN 2.550% 7/16/24	2.4682%	6,500,000.0000	A2	A	103.32	6,581,445.00	6,715,475.00
Fixed Income	78445JAA5	S L M A 1.65997% 4/25/23	1.6488%	9,510.5300	BAA3	B	100.68	9,471.93	9,575.11
Fixed Income	79466LAG9	SALESFORCE COM INC 0.625% 7/15/24	0.6309%	1,350,000.0000	A2	A+	99.07	1,349,311.50	1,337,431.50
Fixed Income	808513BN4	SCHWAB CHARLES 0.750% 3/18/24	0.7534%	2,785,000.0000	A2	A	99.55	2,783,607.50	2,772,551.05
Fixed Income	86959RQE3	SVENSKA C D 0.230% 5/10/22	0.2300%	3,000,000.0000			100.01	3,001,280.93	3,000,360.00

U.S. Bank
Investment Listing - Yield
As of 12/31/2021

Asset Category	CUSIP	Asset Short Name	Yield	Shares/Units	Moody's	S&P Rating	Price	Cost Basis	Market Value
Fixed Income	86959RTW0	SVENSKA C D 0.255% 10/14/22	0.2552%	6,000,000.0000			99.92	6,000,302.58	5,994,900.00
Fixed Income	89114W7M1	TORONTO C D 0.240% 4/28/22	0.2400%	2,000,000.0000			100.00	1,999,999.94	2,000,080.00
Fixed Income	89114QCA4	TORONTO DOMINION MTN 2.650% 6/12/24	2.5548%	3,000,000.0000	A1	A	103.73	3,000,570.00	3,111,780.00
Fixed Income	89114QC48	TORONTO MTN 3.500% 7/19/23	3.3588%	5,000,000.0000	AA2	AA-	104.20	5,094,200.00	5,210,200.00
Fixed Income	89237VAB5	TOYOTA AUTO RECV 0.440% 10/15/24	0.4404%	2,960,000.0000	AAA	AAA	99.92	2,959,772.08	2,957,632.00
Fixed Income	89239CAC3	TOYOTA LEASE OWNER 0.420% 10/21/24	0.4236%	3,185,000.0000	AAA	N/A	99.15	3,184,957.00	3,157,927.50
Fixed Income	89236TJK2	TOYOTA MTR CR MTN 1.125% 6/18/26	1.1423%	7,285,000.0000	A1	A+	98.48	7,281,794.60	7,174,559.40
Fixed Income	912828WU0	U S TREASURY I P S 0.125% 7/15/24	0.1173%	12,111,216.0000	AAA	N/A	106.59	11,966,496.09	12,909,829.58
Fixed Income	91282CBG5	U S TREASURY NT 0.125% 1/31/23	0.1254%	10,000,000.0000	AAA	N/A	99.66	9,998,046.88	9,965,600.00
Fixed Income	912828ZM5	U S TREASURY NT 0.125% 4/30/22	0.1250%	25,000,000.0000	AAA	N/A	100.00	25,014,746.10	25,000,750.00
Fixed Income	912828ZX1	U S TREASURY NT 0.125% 6/30/22	0.1250%	7,000,000.0000	AAA	N/A	99.96	6,998,750.00	6,997,270.00
Fixed Income	91282CAC5	U S TREASURY NT 0.125% 7/31/22	0.1251%	30,000,000.0000	AAA	N/A	99.93	29,986,523.43	29,979,000.00
Fixed Income	91282CBA8	U S TREASURY NT 0.125% 12/15/23	0.1265%	6,500,000.0000	AAA	N/A	98.85	6,491,367.19	6,425,380.00
Fixed Income	91282CAM3	U S TREASURY NT 0.250% 9/30/25	0.2582%	6,500,000.0000	AAA	N/A	96.84	6,477,656.25	6,294,340.00
Fixed Income	91282CBH3	U S TREASURY NT 0.375% 1/31/26	0.3876%	18,000,000.0000	AAA	N/A	96.74	17,781,875.00	17,413,560.00
Fixed Income	912828ZL7	U S TREASURY NT 0.375% 4/30/25	0.3835%	12,000,000.0000	AAA	N/A	97.78	11,998,515.63	11,733,720.00
Fixed Income	91282CCX7	U S TREASURY NT 0.375% 9/15/24	0.3804%	10,500,000.0000	AAA	N/A	98.59	10,377,363.28	10,351,530.00
Fixed Income	91282CBC4	U S TREASURY NT 0.375% 12/31/25	0.3869%	10,000,000.0000	AAA	N/A	96.93	9,943,320.32	9,693,000.00
Fixed Income	91282CDR9	U S TREASURY NT 0.625% 12/31/23	0.6249%	7,500,000.0000	AAA	N/A	100.02	7,500,292.97	7,501,500.00
Fixed Income	91282CBT7	U S TREASURY NT 0.750% 3/31/26	0.7645%	10,000,000.0000	AAA	N/A	98.10	9,943,359.37	9,810,200.00
Fixed Income	91282CCF6	U S TREASURY NT 0.750% 5/31/26	0.7657%	7,500,000.0000	AAA	N/A	97.95	7,443,750.00	7,345,875.00
Fixed Income	91282CCW9	U S TREASURY NT 0.750% 8/31/26	0.7672%	8,000,000.0000	AAA	N/A	97.76	7,874,375.01	7,820,960.00
Fixed Income	91282CDG3	U S TREASURY NT 1.125% 10/31/26	1.1325%	19,250,000.0000	N/A	N/A	99.34	19,119,013.68	19,122,180.00
Fixed Income	912828Z60	U S TREASURY NT 1.375% 1/31/22	1.3736%	40,000,000.0000	AAA	N/A	100.10	40,226,757.82	40,040,000.00
Fixed Income	912828H86	U S TREASURY NT 1.500% 1/31/22	1.4984%	27,500,000.0000	AAA	N/A	100.11	27,691,210.94	27,530,250.00
Fixed Income	912828YH7	U S TREASURY NT 1.500% 9/30/24	1.4767%	14,000,000.0000	AAA	N/A	101.58	13,859,296.88	14,220,920.00
Fixed Income	912828R69	U S TREASURY NT 1.625% 5/31/23	1.6009%	5,000,000.0000	AAA	N/A	101.51	4,757,226.56	5,075,400.00
Fixed Income	912828J43	U S TREASURY NT 1.750% 2/28/22	1.7454%	7,500,000.0000	AAA	N/A	100.26	7,606,054.69	7,519,650.00
Fixed Income	912828L57	U S TREASURY NT 1.750% 9/30/22	1.7315%	6,500,000.0000	AAA	N/A	101.07	6,513,710.94	6,569,290.00
Fixed Income	912828XX3	U S TREASURY NT 2.000% 6/30/24	1.9457%	5,000,000.0000	AAA	N/A	102.79	5,028,710.94	5,139,650.00
Fixed Income	912828M80	U S TREASURY NT 2.000% 11/30/22	1.9714%	8,000,000.0000	AAA	N/A	101.45	7,907,500.00	8,115,920.00
Fixed Income	912828W48	U S TREASURY NT 2.125% 2/29/24	2.0657%	10,000,000.0000	AAA	N/A	102.87	9,911,718.75	10,287,100.00
Fixed Income	912828U57	U S TREASURY NT 2.125% 11/30/23	2.0695%	15,000,000.0000	AAA	N/A	102.68	14,723,632.81	15,402,600.00
Fixed Income	9128283J7	U S TREASURY NT 2.125% 11/30/24	2.0564%	16,500,000.0000	AAA	N/A	103.34	16,783,886.72	17,050,440.00
Fixed Income	912828N30	U S TREASURY NT 2.125% 12/31/22	2.0903%	5,000,000.0000	AAA	N/A	101.66	4,926,562.50	5,083,000.00
Fixed Income	912828V80	U S TREASURY NT 2.250% 1/31/24	2.1830%	7,500,000.0000	AAA		103.07	7,491,503.91	7,730,250.00
Fixed Income	9128286M7	U S TREASURY NT 2.250% 4/15/22	2.2366%	7,500,000.0000	AAA	N/A	100.60	7,657,324.22	7,544,775.00
Fixed Income	9128286H8	U S TREASURY NT 2.375% 3/15/22	2.3643%	7,500,000.0000	AAA	N/A	100.45	7,651,757.81	7,533,825.00
Fixed Income	9128284D9	U S TREASURY NT 2.500% 3/31/23	2.4399%	10,000,000.0000	AAA	N/A	102.47	9,887,265.63	10,246,500.00
Fixed Income	912828WJ5	U S TREASURY NT 2.500% 5/15/24	2.4066%	7,000,000.0000	AAA	N/A	103.88	7,193,046.88	7,271,810.00
Fixed Income	91324PEC2	UNITEDHEALTH 1.150% 5/15/26	1.1626%	1,755,000.0000	A3	A+	98.92	1,760,683.15	1,736,010.90

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Investment Listing - Yield
As of 12/31/2021

Asset Category	CUSIP	Asset Short Name	Yield	Shares/Units	Moody's	S&P Rating	Price	Cost Basis	Market Value
Fixed Income	90331HPL1	US BANK NA MTN 2.050% 1/21/25	2.0044%	7,270,000.0000	A1	AA-	102.27	7,254,514.90	7,435,247.10
Fixed Income	90331HNL3	US BANK NA MTN 2.850% 1/23/23	2.7906%	2,000,000.0000	A1	AA-	102.13	1,992,640.00	2,042,600.00
Fixed Income	931142ER0	WALMART INC 1.050% 9/17/26	1.0619%	1,725,000.0000	AA2	AA	98.88	1,721,739.75	1,705,628.25
Fixed Income	931142EK5	WALMART INC 3.400% 6/26/23	3.2686%	3,880,000.0000	AA2	AA	104.02	3,878,991.40	4,036,014.80
Total Consolidated									**970,036,829.95**

U.S. Bank
Asset Detail - Consolidated
As of 12/31/2021

CUSIP	Asset Short Name	Price	Shares/Units	Cost Basis	Market Value	Percent of Total	Unrealized Gain/Loss
Cash Equivalents							
31846V567	FIRST AM GOVT OB FD CL Z	1.00	8,073,528.5000	8,073,528.50	8,073,528.50	0.83	-
31846V567	FIRST AM GOVT OB FD CL Z	1.00	14,559,938.2000	14,559,938.20	14,559,938.20	1.50	-
62479MAM5	MUFG BK LTD N Y BRH C P 1/21/22	100.00	2,000,000.0000	1,997,907.78	1,999,940.00	0.21	2,032.22
89233HAU8	TOYOTA MTR CR CORP DISC C P 1/28/22	100.00	4,000,000.0000	3,995,866.67	3,999,800.00	0.41	3,933.33
912796D30	U S TREASURY BILL 2/24/22	100.00	12,000,000.0000	11,997,256.50	11,999,520.00	1.24	2,263.50
912796U23	U S TREASURY BILL 4/26/22	99.98	10,000,000.0000	9,996,463.06	9,997,700.00	1.03	1,236.94
912796U23	U S TREASURY BILL 4/26/22	99.98	10,000,000.0000	9,996,363.89	9,997,700.00	1.03	1,336.11
912796R43	U S TREASURY BILL 6/23/22	99.92	10,000,000.0000	9,990,904.17	9,992,000.00	1.03	1,095.83
912796R50	U S TREASURY BILL 6/30/22	99.91	13,000,000.0000	12,986,494.08	12,988,170.00	1.34	1,675.92
Cash Equivalents Total			**83,633,466.7000**	**83,594,722.85**	**83,608,296.70**	**8.62**	**13,573.85**
Fixed Income							
00440EAS6	ACE INA HOLDING 3.150% 3/15/25	105.53	2,000,000.0000	2,203,740.00	2,110,580.00	0.22	(93,160.00)
00440EAU1	ACE INA HOLDINGS 2.875% 11/03/22	101.54	4,169,000.0000	4,232,453.17	4,233,160.91	0.44	707.74
023135BW5	AMAZON COM INC 0.450% 5/12/24	99.01	5,490,000.0000	5,481,984.60	5,435,649.00	0.56	(46,335.60)
02665WDF5	AMERICAN HONDA MTN 1.950% 5/20/22	100.57	2,000,000.0000	2,032,780.00	2,011,480.00	0.21	(21,300.00)
02665WCZ2	AMERICAN HONDA MTN 2.400% 6/27/24	103.00	1,219,000.0000	1,213,843.63	1,255,557.81	0.13	41,714.18
02665WCJ8	AMERICAN HONDA MTN 3.450% 7/14/23	104.09	845,000.0000	843,538.15	879,518.25	0.09	35,980.10
02665WCQ2	AMERICAN HONDA MTN 3.625% 10/10/23	104.83	2,000,000.0000	1,998,320.00	2,096,640.00	0.22	98,320.00
03215PFN4	AMRESCO 1.00712% 6/25/29	98.68	119,021.6400	89,377.81	117,448.17	0.01	28,070.36
037833AZ3	APPLE INC 2.500% 2/09/25	104.06	3,922,000.0000	4,154,496.16	4,081,311.64	0.42	(73,184.52)
037833CU2	APPLE INC 2.850% 5/11/24	104.15	3,000,000.0000	3,017,760.00	3,124,590.00	0.32	106,830.00
06051GJD2	BANK AMER CORP MTN 1.319% 6/19/26	98.94	2,250,000.0000	2,254,432.50	2,226,105.00	0.23	(28,327.50)
06417MQL2	BANK NOVA C D 0.200% 6/23/22	99.95	5,000,000.0000	4,999,999.61	4,997,400.00	0.52	(2,599.61)
06417MNK7	BANK NOVA C D 0.220% 4/08/22	100.00	3,000,000.0000	3,000,000.00	2,999,940.00	0.31	(60.00)
06051GHF9	BANK OF AMERICA 3.550% 3/05/24	102.97	6,675,000.0000	6,770,625.75	6,873,381.00	0.71	102,755.25
06051GHY8	BANK OF AMERICAN MTN 2.015% 2/13/26	101.29	2,500,000.0000	2,583,450.00	2,532,175.00	0.26	(51,275.00)
06368FAC3	BANK OF MONTREAL MTN 1.250% 9/15/26	97.86	3,000,000.0000	2,994,647.40	2,935,860.00	0.30	(58,787.40)
06367WB85	BANK OF MONTREAL MTN 1.850% 5/01/25	101.48	7,000,000.0000	7,226,940.00	7,103,390.00	0.73	(123,550.00)
06406RAA5	BANK OF NY MTN 2.600% 2/07/22	100.04	2,500,000.0000	2,504,475.00	2,500,950.00	0.26	(3,525.00)
06406RAE7	BANK OF NY MTN 2.950% 1/29/23	102.21	2,500,000.0000	2,489,555.00	2,555,175.00	0.26	65,620.00
05531FBG7	BB T CORPORATION MTN 3.050% 6/20/22	100.98	2,000,000.0000	2,049,420.00	2,019,640.00	0.21	(29,780.00)
084670BR8	BERKSHIRE HATHAWAY 2.750% 3/15/23	102.10	2,500,000.0000	2,440,950.00	2,552,600.00	0.26	111,650.00
084664BT7	BERKSHIRE HATHAWAY 3.000% 5/15/22	100.94	4,000,000.0000	4,131,120.00	4,037,600.00	0.42	(93,520.00)
09247XAL5	BLACKROCK INC 3.500% 3/18/24	105.68	1,000,000.0000	1,036,330.00	1,056,780.00	0.11	20,450.00
09690AAC7	BMW VEHICLE LEASE 0.330% 12/26/24	99.24	2,070,000.0000	2,069,786.38	2,054,164.50	0.21	(15,621.88)
14913Q2T5	CATERPILLAR FINL MTN 2.950% 2/26/22	100.37	2,000,000.0000	2,043,700.00	2,007,360.00	0.21	(36,340.00)
808513AT2	CHARLES SCHWAB CORP 2.650% 1/25/23	101.85	6,750,000.0000	6,729,480.00	6,874,807.50	0.71	145,327.50
166764AH3	CHEVRON CORP 3.191% 6/24/23	102.96	3,500,000.0000	3,441,095.00	3,603,670.00	0.37	162,575.00
00440EAP2	CHUBB INA HLDGS INC 2.700% 3/13/23	102.42	2,000,000.0000	1,937,000.00	2,048,440.00	0.21	111,440.00
3133ELYR9	F F C B DEB 0.250% 5/06/22	100.04	8,850,000.0000	8,838,760.50	8,853,805.50	0.91	15,045.00

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CUSIP	Asset Short Name	Price	Shares/Units	Cost Basis	Market Value	Percent of Total	Unrealized Gain/Loss
3133EKWV4	F F C B DEB 1.850% 7/26/24	102.92	5,000,000.0000	5,048,280.00	5,145,800.00	0.53	97,520.00
3130A1XJ2	F H L B 2.875% 6/14/24	104.85	11,110,000.0000	11,589,031.30	11,648,723.90	1.20	59,692.60
3130A4CH3	F H L B DEB 2.375% 3/14/25	104.19	5,225,000.0000	5,526,848.25	5,443,823.00	0.56	(83,025.25)
3130A2UW4	F H L B DEB 2.875% 9/13/24	105.09	2,500,000.0000	2,635,950.00	2,627,150.00	0.27	(8,800.00)
313383QR5	F H L B DEB 3.250% 6/09/23	103.85	5,000,000.0000	5,083,350.00	5,192,350.00	0.54	109,000.00
313383YJ4	F H L B DEB 3.375% 9/08/23	104.56	10,000,000.0000	10,211,831.00	10,455,800.00	1.08	243,969.00
3130A0F70	F H L B DEB 3.375% 12/08/23	105.06	10,000,000.0000	10,269,043.75	10,505,800.00	1.08	236,756.25
3137BFE98	F H L B GTD REMIC 3.171% 10/25/24	105.11	5,000,000.0000	5,378,515.62	5,255,550.00	0.54	(122,965.62)
3137EAEP0	F H L M C 1.500% 2/12/25	101.44	12,335,000.0000	12,510,182.05	12,513,117.40	1.29	2,935.35
3137EAEN5	F H L M C 2.750% 6/19/23	103.14	10,000,000.0000	9,956,500.00	10,313,700.00	1.06	357,200.00
3137EAEU9	F H L M C M T N 0.375% 7/21/25	97.46	5,030,000.0000	5,004,950.60	4,902,087.10	0.51	(102,863.50)
3137EAEX3	F H L M C M T N 0.375% 9/23/25	97.29	7,660,000.0000	7,636,943.40	7,452,567.20	0.77	(184,376.20)
31348SWZ3	F H L M C #786064 2.262% 1/01/28	100.37	1,319.7900	1,287.65	1,324.67	0.00	37.02
31394JY35	F H L M C MLTCL MT 9.50001% 9/25/43	113.16	460,244.1100	521,226.45	520,826.04	0.05	(400.41)
3133TCE95	F H L M C MLTCL MTG 3.787% 8/15/32	100.44	3,588.0500	3,591.82	3,603.86	0.00	12.04
3135G05G4	F N M A 0.250% 7/10/23	99.46	6,775,000.0000	6,760,433.75	6,738,076.25	0.69	(22,357.50)
3135G05X7	F N M A 0.375% 8/25/25	97.27	7,945,000.0000	7,907,817.40	7,727,783.70	0.80	(180,033.70)
3135G04Z3	F N M A 0.500% 6/17/25	98.01	9,905,000.0000	9,884,496.65	9,707,395.25	1.00	(177,101.40)
3135G06G3	F N M A 0.500% 11/07/25	97.57	8,255,000.0000	8,225,447.10	8,054,238.40	0.83	(171,208.70)
3135G0X24	F N M A 1.625% 1/07/25	101.81	10,000,000.0000	10,157,936.40	10,180,800.00	1.05	22,863.60
3135G0V34	F N M A 2.500% 2/05/24	103.54	5,000,000.0000	4,980,850.00	5,177,050.00	0.53	196,200.00
31371NUC7	F N M A #257179 4.500% 4/01/28	107.01	6,617.6700	6,998.85	7,081.70	0.00	82.85
31376KT22	F N M A #357969 5.000% 9/01/35	113.14	57,250.5400	61,544.32	64,772.69	0.01	3,228.37
31403DJZ3	F N M A #745580 5.000% 6/01/36	112.93	53,293.9000	57,290.94	60,182.14	0.01	2,891.20
31403GXF4	F N M A #748678 5.000% 10/01/33	109.99	787.8400	846.92	866.52	0.00	19.60
31406PQY8	F N M A #815971 5.000% 3/01/35	112.99	78,209.7400	84,075.48	88,372.31	0.01	4,296.83
31406XWT5	F N M A #823358 1.977% 2/01/35	104.15	55,226.4000	54,794.93	57,516.64	0.01	2,721.71
31407BXH7	F N M A #826080 5.000% 7/01/35	113.00	10,711.7200	11,515.08	12,104.67	0.00	589.59
31410F4V4	F N M A #888336 5.000% 7/01/36	112.96	89,715.5500	96,444.23	101,340.89	0.01	4,896.66
3138EG6F6	F N M A #AL0869 4.500% 6/01/29	107.04	4,907.3200	5,189.98	5,252.60	0.00	62.62
31417YAY3	F N M A #MA0022 4.500% 4/01/29	107.07	8,299.6800	8,777.72	8,886.47	0.00	108.75
3135G03U5	F N M A DEB 0.625% 4/22/25	98.62	14,000,000.0000	13,996,711.60	13,806,520.00	1.42	(190,191.60)
3135G0T94	F N M A DEB 2.375% 1/19/23	102.05	5,000,000.0000	4,910,990.00	5,102,400.00	0.53	191,410.00
31397QRE0	F N M A GTD REMIC 2.472% 2/25/41	101.58	93,868.6800	93,839.37	95,348.05	0.01	1,508.68
36225CAZ9	G N M A I I #080023 2.125% 12/20/26	103.33	8,993.7500	9,142.33	9,293.42	0.00	151.09
36225CC20	G N M A I I #080088 2.000% 6/20/27	101.17	6,353.9400	6,492.94	6,427.96	0.00	(64.98)
36225CNM4	G N M A I I #080395 1.875% 4/20/30	103.26	3,474.6500	3,443.15	3,587.96	0.00	144.81
36225CN28	G N M A I I #080408 1.875% 5/20/30	103.31	29,387.1400	29,088.67	30,359.85	0.00	1,271.18
36225DCB8	G N M A I I #080965 1.625% 7/20/34	103.64	25,096.9700	25,081.29	26,010.75	0.00	929.46
362554AC1	GM FIN CONS AUTO 0.680% 9/16/26	99.25	1,705,000.0000	1,704,956.52	1,692,127.25	0.17	(12,829.27)
43813GAC5	HONDA AUTO 0.270% 4/21/25	99.46	1,605,000.0000	1,604,970.63	1,596,397.20	0.16	(8,573.43)
43813KAC6	HONDA AUTO 0.370% 10/18/24	99.72	3,235,000.0000	3,234,524.78	3,225,909.65	0.33	(8,615.13)

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43815GAC3	HONDA AUTO REC 0.880% 1/21/26	99.76	2,290,000.0000	2,289,517.27	2,284,435.30	0.24	(5,081.97)
438516CB0	HONEYWELL 1.350% 6/01/25	100.40	5,000,000.0000	5,119,000.00	5,020,200.00	0.52	(98,800.00)
44934KAC8	HTUNDAI AUTO REC TR 0.380% 1/15/26	98.90	6,040,000.0000	6,038,666.97	5,973,258.00	0.62	(65,408.97)
44891VAC5	HYUNDAI AUTO LEASE 0.330% 6/17/24	99.37	4,155,000.0000	4,154,376.75	4,128,906.60	0.43	(25,470.15)
44933LAC7	HYUNDAI AUTO REC 0.380% 9/15/25	99.25	2,100,000.0000	2,099,779.08	2,084,292.00	0.21	(15,487.08)
44935FAD6	HYUNDAI AUTO REC TR 0.740% 5/15/26	99.31	1,600,000.0000	1,599,642.88	1,588,992.00	0.16	(10,650.88)
458140BD1	INTEL CORP 2.875% 5/11/24	104.11	5,000,000.0000	5,025,900.00	5,205,500.00	0.54	179,600.00
4581X0DZ8	INTER AMER BK M T N 0.500% 9/23/24	98.65	10,775,000.0000	10,767,026.50	10,629,968.50	1.10	(137,058.00)
4581X0DN5	INTER AMER BK M T N 0.625% 7/15/25	98.11	5,050,000.0000	5,071,967.50	4,954,504.50	0.51	(117,463.00)
4581X0DV7	INTER AMER BK M T N 0.875% 4/20/26	98.41	13,370,000.0000	13,308,765.40	13,157,283.30	1.36	(151,482.10)
4581X0CZ9	INTER AMER DEV BK 1.750% 9/14/22	100.95	6,500,000.0000	6,249,655.00	6,561,425.00	0.68	311,770.00
4581X0CW6	INTER AMER DEV BK 2.125% 1/18/22	100.17	3,000,000.0000	2,996,310.00	3,005,070.00	0.31	8,760.00
459058FY4	INTL BK 2.000% 1/26/22	100.10	10,000,000.0000	10,006,350.00	10,010,100.00	1.03	3,750.00
459058JL8	INTL BK M T N 0.500% 10/28/25	97.41	15,000,000.0000	14,964,951.60	14,611,200.00	1.51	(353,751.60)
459058JB0	INTL BK M T N 0.626% 4/22/25	98.32	6,245,000.0000	6,220,831.85	6,140,333.80	0.63	(80,498.05)
24422EUM9	JOHN DEERE MTN 3.650% 10/12/23	104.93	1,250,000.0000	1,250,237.50	1,311,662.50	0.14	61,425.00
47789QAC4	JOHN DEERE OWN 0.520% 3/16/26	98.86	2,820,000.0000	2,819,748.46	2,787,767.40	0.29	(31,981.06)
47788UAC6	JOHN DEERE OWNER 0.360% 9/15/25	99.19	2,300,000.0000	2,299,557.94	2,281,370.00	0.24	(18,187.94)
47787NAC3	JOHN DEERE OWNER 0.510% 11/15/24	99.85	1,480,000.0000	1,479,774.45	1,477,735.60	0.15	(2,038.85)
46625HRL6	JP MORGAN CHASE CO 2.700% 5/18/23	102.27	5,000,000.0000	4,821,910.00	5,113,450.00	0.53	291,540.00
46647PBH8	JPMORGAN CHASE CO 2.005% 3/13/26	101.18	3,500,000.0000	3,602,345.00	3,541,265.00	0.37	(61,080.00)
46647PAU0	JPMORGAN CHASE CO 3.797% 7/23/24	104.22	2,500,000.0000	2,632,175.00	2,605,450.00	0.27	(26,725.00)
525ESC0Y6	LEHMAN BRTH HLD ESC	-	2,000,000.0000	1,017,827.66	-	-	(1,017,827.66)
525ESCIB7	LEHMAN BRTH MTN ES 0.00001% 1/24/13	0.55	600,000.0000	315,960.88	3,300.00	0.00	(312,660.88)
58769KAD6	MERCEDES BENZ AUTO 0.400% 11/15/24	99.24	3,315,000.0000	3,314,749.72	3,289,938.60	0.34	(24,811.12)
58770FAC6	MERCEDES BENZ AUTO 1.840% 12/15/22	100.27	914,426.6500	914,306.13	916,859.02	0.09	2,552.89
58933YAF2	MERCK CO INC 2.800% 5/18/23	102.94	2,000,000.0000	1,948,640.00	2,058,820.00	0.21	110,180.00
58989V2D5	MET TOWER MTN 1.250% 9/14/26	97.83	3,745,000.0000	3,741,554.60	3,663,883.30	0.38	(77,671.30)
61747YEA9	MORGAN STANLEY 0.790% 5/30/25	98.69	8,885,000.0000	8,889,710.25	8,768,873.05	0.90	(120,837.20)
61744YAH1	MORGAN STANLEY 2.750% 5/19/22	100.90	2,000,000.0000	2,047,260.00	2,017,920.00	0.21	(29,340.00)
65479JAD5	NISSAN AUTO 1.930% 7/15/24	100.81	2,724,922.1400	2,724,778.26	2,746,966.76	0.28	22,188.50
65479GAD1	NISSAN AUTO 3.060% 3/15/23	100.21	287,650.8000	287,641.48	288,243.36	0.03	601.88
65558UBJ0	NORDEA BK ABP C D 0.210% 5/16/22	100.03	3,000,000.0000	3,000,300.89	3,000,960.00	0.31	659.11
65558UBJ0	NORDEA BK ABP C D 0.210% 5/16/22	100.03	7,000,000.0000	7,000,702.07	7,002,240.00	0.72	1,537.93
69353RFB9	PNC BANK NA MTN 2.625% 2/17/22	100.18	1,000,000.0000	974,940.00	1,001,770.00	0.10	26,830.00
69353RFL7	PNC BANK NA MTN 3.500% 6/08/23	103.75	5,000,000.0000	4,993,318.05	5,187,600.00	0.53	194,281.95
747525AF0	QUALCOMM INC 3.450% 5/20/25	106.56	5,790,000.0000	6,161,513.40	6,169,997.70	0.64	8,484.30
78015K7H1	ROYAL BANK OF MTN 1.150% 6/10/25	99.14	4,000,000.0000	4,013,620.00	3,965,440.00	0.41	(48,180.00)
78013XZU5	ROYAL BANK OF MTN 2.550% 7/16/24	103.32	6,500,000.0000	6,581,445.00	6,715,475.00	0.69	134,030.00
78445JAA5	S L M A 1.65997% 4/25/23	100.68	9,510.5300	9,471.93	9,575.11	0.00	103.18
79466LAG9	SALESFORCE COM INC 0.625% 7/15/24	99.07	1,350,000.0000	1,349,311.50	1,337,431.50	0.14	(11,880.00)
808513BN4	SCHWAB CHARLES 0.750% 3/18/24	99.55	2,785,000.0000	2,783,607.50	2,772,551.05	0.29	(11,056.45)

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CUSIP	Asset Short Name	Price	Shares/Units	Cost Basis	Market Value	Percent of Total	Unrealized Gain/Loss
86959RQE3	SVENSKA C D 0.230% 5/10/22	100.01	3,000,000.0000	3,001,280.93	3,000,360.00	0.31	(920.93)
86959RTW0	SVENSKA C D 0.255% 10/14/22	99.92	6,000,000.0000	6,000,302.58	5,994,900.00	0.62	(5,402.58)
89114W7M1	TORONTO C D 0.240% 4/28/22	100.00	2,000,000.0000	1,999,999.94	2,000,080.00	0.21	80.06
89114QCA4	TORONTO DOMINION MTN 2.650% 6/12/24	103.73	3,000,000.0000	3,000,570.00	3,111,780.00	0.32	111,210.00
89114QC48	TORONTO MTN 3.500% 7/19/23	104.20	5,000,000.0000	5,094,200.00	5,210,200.00	0.54	116,000.00
89237VAB5	TOYOTA AUTO RECV 0.440% 10/15/24	99.92	2,960,000.0000	2,959,772.08	2,957,632.00	0.30	(2,140.08)
89239CAC3	TOYOTA LEASE OWNER 0.420% 10/21/24	99.15	3,185,000.0000	3,184,957.00	3,157,927.50	0.33	(27,029.50)
89236TJK2	TOYOTA MTR CR MTN 1.125% 6/18/26	98.48	7,285,000.0000	7,281,794.60	7,174,559.40	0.74	(107,235.20)
912828WU0	U S TREASURY I P S 0.125% 7/15/24	106.59	12,111,216.0000	11,966,496.09	12,909,829.58	1.33	943,333.49
91282CBG5	U S TREASURY NT 0.125% 1/31/23	99.66	10,000,000.0000	9,998,046.88	9,965,600.00	1.03	(32,446.88)
912828ZM5	U S TREASURY NT 0.125% 4/30/22	100.00	25,000,000.0000	25,014,746.10	25,000,750.00	2.58	(13,996.10)
912828ZX1	U S TREASURY NT 0.125% 6/30/22	99.96	7,000,000.0000	6,998,750.00	6,997,270.00	0.72	(1,480.00)
91282CAC5	U S TREASURY NT 0.125% 7/31/22	99.93	30,000,000.0000	29,986,523.43	29,979,000.00	3.09	(7,523.43)
91282CBA8	U S TREASURY NT 0.125% 12/15/23	98.85	6,500,000.0000	6,491,367.19	6,425,380.00	0.66	(65,987.19)
91282CAM3	U S TREASURY NT 0.250% 9/30/25	96.84	6,500,000.0000	6,477,656.25	6,294,340.00	0.65	(183,316.25)
91282CBH3	U S TREASURY NT 0.375% 1/31/26	96.74	18,000,000.0000	17,781,875.00	17,413,560.00	1.80	(368,315.00)
912828ZL7	U S TREASURY NT 0.375% 4/30/25	97.78	12,000,000.0000	11,998,515.63	11,733,720.00	1.21	(264,795.63)
91282CCX7	U S TREASURY NT 0.375% 9/15/24	98.59	10,500,000.0000	10,377,363.28	10,351,530.00	1.07	(25,833.28)
91282CBC4	U S TREASURY NT 0.375% 12/31/25	96.93	10,000,000.0000	9,943,320.32	9,693,000.00	1.00	(250,320.32)
91282CDR9	U S TREASURY NT 0.625% 12/31/23	100.02	7,500,000.0000	7,500,292.97	7,501,500.00	0.77	1,207.03
91282CBT7	U S TREASURY NT 0.750% 3/31/26	98.10	10,000,000.0000	9,943,359.37	9,810,200.00	1.01	(133,159.37)
91282CCF6	U S TREASURY NT 0.750% 5/31/26	97.95	7,500,000.0000	7,443,750.00	7,345,875.00	0.76	(97,875.00)
91282CCW9	U S TREASURY NT 0.750% 8/31/26	97.76	8,000,000.0000	7,874,375.01	7,820,960.00	0.81	(53,415.01)
91282CDG3	U S TREASURY NT 1.125% 10/31/26	99.34	19,250,000.0000	19,119,013.68	19,122,180.00	1.97	3,166.32
912828Z60	U S TREASURY NT 1.375% 1/31/22	100.10	40,000,000.0000	40,226,757.82	40,040,000.00	4.13	(186,757.82)
912828H86	U S TREASURY NT 1.500% 1/31/22	100.11	27,500,000.0000	27,691,210.94	27,530,250.00	2.84	(160,960.94)
912828YH7	U S TREASURY NT 1.500% 9/30/24	101.58	14,000,000.0000	13,859,296.88	14,220,920.00	1.47	361,623.12
912828R69	U S TREASURY NT 1.625% 5/31/23	101.51	5,000,000.0000	4,757,226.56	5,075,400.00	0.52	318,173.44
912828J43	U S TREASURY NT 1.750% 2/28/22	100.26	7,500,000.0000	7,606,054.69	7,519,650.00	0.78	(86,404.69)
912828L57	U S TREASURY NT 1.750% 9/30/22	101.07	6,500,000.0000	6,513,710.94	6,569,290.00	0.68	55,579.06
912828XX3	U S TREASURY NT 2.000% 6/30/24	102.79	5,000,000.0000	5,028,710.94	5,139,650.00	0.53	110,939.06
912828M80	U S TREASURY NT 2.000% 11/30/22	101.45	8,000,000.0000	7,907,500.00	8,115,920.00	0.84	208,420.00
912828W48	U S TREASURY NT 2.125% 2/29/24	102.87	10,000,000.0000	9,911,718.75	10,287,100.00	1.06	375,381.25
912828U57	U S TREASURY NT 2.125% 11/30/23	102.68	15,000,000.0000	14,723,632.81	15,402,600.00	1.59	678,967.19
9128283J7	U S TREASURY NT 2.125% 11/30/24	103.34	16,500,000.0000	16,783,886.72	17,050,440.00	1.76	266,553.28
912828N30	U S TREASURY NT 2.125% 12/31/22	101.66	5,000,000.0000	4,926,562.50	5,083,000.00	0.52	156,437.50
912828V80	U S TREASURY NT 2.250% 1/31/24	103.07	7,500,000.0000	7,491,503.91	7,730,250.00	0.80	238,746.09
9128286M7	U S TREASURY NT 2.250% 4/15/22	100.60	7,500,000.0000	7,657,324.22	7,544,775.00	0.78	(112,549.22)
9128286H8	U S TREASURY NT 2.375% 3/15/22	100.45	7,500,000.0000	7,651,757.81	7,533,825.00	0.78	(117,932.81)
9128284D9	U S TREASURY NT 2.500% 3/31/23	102.47	10,000,000.0000	9,887,265.63	10,246,500.00	1.06	359,234.37
912828WJ5	U S TREASURY NT 2.500% 5/15/24	103.88	7,000,000.0000	7,193,046.88	7,271,810.00	0.75	78,763.12
91324PEC2	UNITEDHEALTH 1.150% 5/15/26	98.92	1,755,000.0000	1,760,683.15	1,736,010.90	0.18	(24,672.25)

U.S. Bank
Asset Detail - Consolidated
As of 12/31/2021

CUSIP	Asset Short Name	Price	Shares/Units	Cost Basis	Market Value	Percent of Total	Unrealized Gain/Loss
90331HPL1	US BANK NA MTN 2.050% 1/21/25	102.27	7,270,000.0000	7,254,514.90	7,435,247.10	0.77	180,732.20
90331HNL3	US BANK NA MTN 2.850% 1/23/23	102.13	2,000,000.0000	1,992,640.00	2,042,600.00	0.21	49,960.00
931142ER0	WALMART INC 1.050% 9/17/26	98.88	1,725,000.0000	1,721,739.75	1,705,628.25	0.18	(16,111.50)
931142EK5	WALMART INC 3.400% 6/26/23	104.02	3,880,000.0000	3,878,991.40	4,036,014.80	0.42	157,023.40
Fixed Income Total			**883,444,095.2000**	**884,864,507.58**	**886,428,533.25**	**91.38**	**1,564,025.67**
Grand Total			**967,077,561.9000**	**968,459,230.43**	**970,036,829.95**	**100.00**	**1,577,599.52**

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ACQUISITIONS							
10/04/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	150.7000	1.000000	-150.70	150.70	0.00
10/04/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	101.7900	1.000000	-101.79	101.79	0.00
10/05/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	46,875.0000	1.000000	-46,875.00	46,875.00	0.00
10/07/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	2,019.8300	1.000000	-2,019.83	2,019.83	0.00
10/12/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	59,062.5000	1.000000	-59,062.50	59,062.50	0.00
10/15/2021	86959RTW0	PURCHASED PAR VALUE OF SVENSKA C D 0.255% 10/14/22 /J.P. MORGAN SECURITIES LLC/6,000,000 PAR VALUE AT 100.005043 %	6,000,000.0000	1.000050	-6,000,302.58	6,000,302.58	0.00
10/15/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	84,375.0000	1.000000	-84,375.00	84,375.00	0.00
10/15/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	727,197.1500	1.000000	-727,197.15	727,197.15	0.00
10/15/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	63,296.4500	1.000000	-63,296.45	63,296.45	0.00
10/18/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	997.4600	1.000000	-997.46	997.46	0.00
10/20/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	61,206.3300	1.000000	-61,206.33	61,206.33	0.00
10/21/2021	362554AC1	PURCHASED PAR VALUE OF GM FIN CONS AUTO 0.00001% 9/16/26 /J.P. MORGAN SECURITIES LLC/1,705,000 PAR VALUE AT 99.99744985 %	1,705,000.0000	0.999975	-1,704,956.52	1,704,956.52	0.00
10/21/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	138,712.7900	1.000000	-138,712.79	138,712.79	0.00
10/22/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	63,296.8500	1.000000	-63,296.85	63,296.85	0.00
10/25/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	42,796.2700	1.000000	-42,796.27	42,796.27	0.00
10/25/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	5,927.4400	1.000000	-5,927.44	5,927.44	0.00
10/28/2021	91282CCW9	PURCHASED PAR VALUE OF U S TREASURY NT 0.750% 8/31/26 /BOFA SECURITIES, INC./FXD INC/5,000,000 PAR VALUE AT 98.1953126 %	5,000,000.0000	0.981953	-4,909,765.63	4,909,765.63	0.00
10/28/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	1,558,864.3400	1.000000	-1,558,864.34	1,558,864.34	0.00
11/01/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	15,625.0000	1.000000	-15,625.00	15,625.00	0.00
11/01/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	64,750.0000	1.000000	-64,750.00	64,750.00	0.00
11/01/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	22,500.0000	1.000000	-22,500.00	22,500.00	0.00
11/02/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	1.5000	1.000000	-1.50	1.50	0.00
11/02/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	32.0600	1.000000	-32.06	32.06	0.00
11/03/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	59,929.3800	1.000000	-59,929.38	59,929.38	0.00
11/08/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	31,700.0000	1.000000	-31,700.00	31,700.00	0.00
11/10/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	30,000,000.0000	1.000000	-30,000,000.00	30,000,000.00	0.00
11/10/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	10,000,000.0000	1.000000	-10,000,000.00	10,000,000.00	0.00
11/12/2021	912828Z60	PURCHASED PAR VALUE OF U S TREASURY NT 1.375% 1/31/22 /J.P. MORGAN SECURITIES LLC/5,000,000 PAR VALUE AT 100.2851562 %	5,000,000.0000	1.002852	-5,014,257.81	5,014,257.81	0.00
11/12/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	126,977.5000	1.000000	-126,977.50	126,977.50	0.00
11/15/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	69,442.4800	1.000000	-69,442.48	69,442.48	0.00
11/15/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	740,214.8900	1.000000	-740,214.89	740,214.89	0.00

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11/16/2021	912828Z60	PURCHASED PAR VALUE OF U S TREASURY NT 1.375% 1/31/22 /CITIGROUP GLOBAL MARKETS INC./5,000,000 PAR VALUE AT 100.2734376 %	5,000,000.0000	1.002734	-5,013,671.88	5,013,671.88	0.00
11/16/2021	912828H86	PURCHASED PAR VALUE OF U S TREASURY NT 1.500% 1/31/22 /CITIGROUP GLOBAL MARKETS INC./5,000,000 PAR VALUE AT 100.2929688 %	5,000,000.0000	1.002930	-5,014,648.44	5,014,648.44	0.00
11/16/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	805.1400	1.000000	-805.14	805.14	0.00
11/17/2021	44935FAD6	PURCHASED PAR VALUE OF HYUNDAI AUTO REC TR 0.740% 5/15/26 /PERSHING LLC/1,600,000 PAR VALUE AT 99.97768 %	1,600,000.0000	0.999777	-1,599,642.88	1,599,642.88	0.00
11/17/2021	91282CDG3	PURCHASED PAR VALUE OF U S TREASURY NT 1.125% 10/31/26 /GOLDMAN SACHS & CO. LLC/3,000,000 PAR VALUE AT 99.31640633 %	3,000,000.0000	0.993164	-2,979,492.19	2,979,492.19	0.00
11/18/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	997.4600	1.000000	-997.46	997.46	0.00
11/18/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	95,500.0000	1.000000	-95,500.00	95,500.00	0.00
11/19/2021	912828Z60	PURCHASED PAR VALUE OF U S TREASURY NT 1.375% 1/31/22 /CITIGROUP GLOBAL MARKETS INC./5,000,000 PAR VALUE AT 100.2617188 %	5,000,000.0000	1.002617	-5,013,085.94	5,013,085.94	0.00
11/19/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	27,500.0000	1.000000	-27,500.00	27,500.00	0.00
11/22/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	19,500.0000	1.000000	-19,500.00	19,500.00	0.00
11/22/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	60,746.0300	1.000000	-60,746.03	60,746.03	0.00
11/22/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	3,055.3400	1.000000	-3,055.34	3,055.34	0.00
11/24/2021	43815GAC3	PURCHASED PAR VALUE OF HONDA AUTO REC 0.00001% 1/21/26 /BOFA SECURITIES, INC./FXD INC/2,290,000 PAR VALUE AT 99.97892009 %	2,290,000.0000	0.999789	-2,289,517.27	2,289,517.27	0.00
11/24/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	2,710,482.7300	1.000000	-2,710,482.73	2,710,482.73	0.00
11/24/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	14,155.5600	1.000000	-14,155.56	14,155.56	0.00
11/26/2021	91282CDG3	PURCHASED PAR VALUE OF U S TREASURY NT 1.125% 10/31/26 /J.P. MORGAN SECURITIES LLC/4,500,000 PAR VALUE AT 98.98828133 %	4,500,000.0000	0.989883	-4,454,472.66	4,454,472.66	0.00
11/29/2021	747525AF0	PURCHASED PAR VALUE OF QUALCOMM INC 3.450% 5/20/25 /CITIGROUP GLOBAL MARKETS INC./3,790,000 PAR VALUE AT 106.346 %	3,790,000.0000	1.063460	-4,030,513.40	4,030,513.40	0.00
11/29/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	2,000,000.0000	1.000000	-2,000,000.00	2,000,000.00	0.00
11/30/2021	912828Z60	PURCHASED PAR VALUE OF U S TREASURY NT 1.375% 1/31/22 /CITIGROUP GLOBAL MARKETS INC./5,000,000 PAR VALUE AT 100.2226562 %	5,000,000.0000	1.002227	-5,011,132.81	5,011,132.81	0.00
11/30/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	518,338.2800	1.000000	-518,338.28	518,338.28	0.00
12/01/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	33,750.0000	1.000000	-33,750.00	33,750.00	0.00
12/02/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	178.9900	1.000000	-178.99	178.99	0.00
12/02/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	112.0000	1.000000	-112.00	112.00	0.00
12/08/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	256,250.0000	1.000000	-256,250.00	256,250.00	0.00
12/09/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	81,250.0000	1.000000	-81,250.00	81,250.00	0.00
12/10/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	14,375.0000	1.000000	-14,375.00	14,375.00	0.00
12/13/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	39,750.0000	1.000000	-39,750.00	39,750.00	0.00
12/14/2021	912828ZX1	PURCHASED PAR VALUE OF U S TREASURY NT 0.125% 6/30/22 /NOMURA SECURITIES INTERNATIONA/5,000,000 PAR VALUE AT 99.984375 %	5,000,000.0000	0.999844	-4,999,218.75	4,999,218.75	0.00

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12/14/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	159,706.2500	1.000000	-159,706.25	159,706.25	0.00
12/15/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	2,063.5200	1.000000	-2,063.52	2,063.52	0.00
12/15/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	617,503.4000	1.000000	-617,503.40	617,503.40	0.00
12/16/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	966.1700	1.000000	-966.17	966.17	0.00
12/17/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	24,762.5000	1.000000	-24,762.50	24,762.50	0.00
12/20/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	30,500.0000	1.000000	-30,500.00	30,500.00	0.00
12/20/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	196,716.2900	1.000000	-196,716.29	196,716.29	0.00
12/21/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	1,872.5300	1.000000	-1,872.53	1,872.53	0.00
12/22/2021	912828ZX1	PURCHASED PAR VALUE OF U S TREASURY NT 0.125% 6/30/22 /NOMURA SECURITIES INTERNATIONA/2,000,000 PAR VALUE AT 99.9765625 %	2,000,000.0000	0.999766	-1,999,531.25	1,999,531.25	0.00
12/22/2021	91282CDG3	PURCHASED PAR VALUE OF U S TREASURY NT 1.125% 10/31/26 /CITIGROUP GLOBAL MARKETS INC./4,250,000 PAR VALUE AT 99.51953129 %	4,250,000.0000	0.995195	-4,229,580.08	4,229,580.08	0.00
12/23/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	71,000,000.0000	1.000000	-71,000,000.00	71,000,000.00	0.00
12/23/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	50,000,000.0000	1.000000	-50,000,000.00	50,000,000.00	0.00
12/27/2021	78015K7H1	PURCHASED PAR VALUE OF ROYAL BANK OF MTN 1.150% 6/10/25 /RBC CAPITAL MARKETS, LLC/1,500,000 PAR VALUE AT 99.06 %	1,500,000.0000	0.990600	-1,485,900.00	1,485,900.00	0.00
12/28/2021	912796U23	PURCHASED PAR VALUE OF U S TREASURY BILL 4/26/22 /CITIGROUP GLOBAL MARKETS INC./10,000,000 PAR VALUE AT 99.9646306 %	10,000,000.0000	0.999646	-9,996,463.06	9,996,463.06	0.00
12/28/2021	912796U23	PURCHASED PAR VALUE OF U S TREASURY BILL 4/26/22 /GOLDMAN SACHS & CO. LLC/10,000,000 PAR VALUE AT 99.9636389 %	10,000,000.0000	0.999636	-9,996,363.89	9,996,363.89	0.00
12/28/2021	912796R43	PURCHASED PAR VALUE OF U S TREASURY BILL 6/23/22 /CITADEL CLEARING LLC/10,000,000 PAR VALUE AT 99.9090417 %	10,000,000.0000	0.999090	-9,990,904.17	9,990,904.17	0.00
12/28/2021	91282CAC5	PURCHASED PAR VALUE OF U S TREASURY NT 0.125% 7/31/22 /GOLDMAN SACHS & CO. LLC/10,000,000 PAR VALUE AT 99.953125 %	10,000,000.0000	0.999531	-9,995,312.50	9,995,312.50	0.00
12/29/2021	747525AF0	PURCHASED PAR VALUE OF QUALCOMM INC 3.450% 5/20/25 /GOLDMAN SACHS & CO. LLC/2,000,000 PAR VALUE AT 106.55 %	2,000,000.0000	1.065500	-2,131,000.00	2,131,000.00	0.00
12/29/2021	91282CCX7	PURCHASED PAR VALUE OF U S TREASURY NT 0.375% 9/15/24 /CITADEL CLEARING LLC/7,500,000 PAR VALUE AT 98.55859373 %	7,500,000.0000	0.985586	-7,391,894.53	7,391,894.53	0.00
12/29/2021	91282CDG3	PURCHASED PAR VALUE OF U S TREASURY NT 1.125% 10/31/26 /CITIGROUP GLOBAL MARKETS INC./7,500,000 PAR VALUE AT 99.40625 %	7,500,000.0000	0.994063	-7,455,468.75	7,455,468.75	0.00
12/29/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	250.0800	1.000000	-250.08	250.08	0.00
12/29/2021	31846V567	PURCHASED UNITS OF FIRST AM GOVT OB FD CL Z	172.2300	1.000000	-172.23	172.23	0.00
12/30/2021	912796R50	PURCHASED PAR VALUE OF U S TREASURY BILL 6/30/22 /NOMURA SECURITIES INTERNATIONA/13,000,000 PAR VALUE AT 99.89610831 %	13,000,000.0000	0.998961	-12,986,494.08	12,986,494.08	0.00
12/30/2021	91282CAC5	PURCHASED PAR VALUE OF U S TREASURY NT 0.125% 7/31/22 /J.P. MORGAN SECURITIES LLC/5,000,000 PAR VALUE AT 99.9570312 %	5,000,000.0000	0.999570	-4,997,851.56	4,997,851.56	0.00
12/30/2021	91282CAC5	PURCHASED PAR VALUE OF U S TREASURY NT 0.125% 7/31/22 /J.P. MORGAN SECURITIES LLC/5,000,000 PAR VALUE AT 99.9570312 %	5,000,000.0000	0.999570	-4,997,851.56	4,997,851.56	0.00

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12/30/2021	91282CAC5	PURCHASED PAR VALUE OF U S TREASURY NT 0.125% 7/31/22 /J.P. MORGAN SECURITIES LLC/5,000,000 PAR VALUE AT 99.9570312 %	5,000,000.0000	0.999570	-4,997,851.56	4,997,851.56	0.00
12/31/2021	91282CAC5	PURCHASED PAR VALUE OF U S TREASURY NT 0.125% 7/31/22 /CITIGROUP GLOBAL MARKETS INC./5,000,000 PAR VALUE AT 99.953125 %	5,000,000.0000	0.999531	-4,997,656.25	4,997,656.25	0.00
12/31/2021	91282CDR9	PURCHASED PAR VALUE OF U S TREASURY NT 0.625% 12/31/23 /J.P. MORGAN SECURITIES LLC/7,500,000 PAR VALUE AT 100.00390627 %	7,500,000.0000	1.000039	-7,500,292.97	7,500,292.97	0.00
TOTAL ACQUISITIONS			**335,032,312.2100**		**-335,082,407.18**	**335,082,407.18**	**0.00**
							0.0000
DISPOSITIONS							
10/15/2021	31348SWZ3	PAID DOWN PAR VALUE OF F H L M C #786064 2.262% 1/01/28 SEPTEMBER FHLMC DUE 10/15/21	-22.9500	0.000000	22.95	-22.39	0.56
10/15/2021	3133TCE95	PAID DOWN PAR VALUE OF F H L M C MLTCL MTG 3.807% 8/15/32	-50.0000	0.000000	50.00	-50.05	-0.05
10/15/2021	47788EAC2	PAID DOWN PAR VALUE OF JOHN DEERE OWNER 3.080% 11/15/22	-114,849.6000	0.000000	114,849.60	-114,840.89	8.71
10/15/2021	58770FAC6	PAID DOWN PAR VALUE OF MERCEDES BENZ AUTO 1.840% 12/15/22	-196,813.3500	0.000000	196,813.35	-196,787.41	25.94
10/15/2021	65479JAD5	PAID DOWN PAR VALUE OF NISSAN AUTO 1.930% 7/15/24	-262,460.4800	0.000000	262,460.48	-262,446.62	13.86
10/15/2021	65479GAD1	PAID DOWN PAR VALUE OF NISSAN AUTO 3.060% 3/15/23	-134,397.7300	0.000000	134,397.73	-134,393.38	4.35
10/15/2021	3135G0T45	SOLD PAR VALUE OF F N M A 1.875% 4/05/22 /MORGAN STANLEY & CO. LLC/5,000,000 PAR VALUE AT 100.86 %	-5,000,000.0000	1.008600	5,043,000.00	-4,972,500.00	70,500.00
10/15/2021	912828L24	SOLD PAR VALUE OF U S TREASURY NT 1.875% 8/31/22 /J.P. MORGAN SECURITIES LLC/1,000,000 PAR VALUE AT 101.566406 %	-1,000,000.0000	1.015664	1,015,664.06	-997,972.10	17,691.96
10/20/2021	36225CAZ9	PAID DOWN PAR VALUE OF G N M A I I #080023 2.125% 12/20/26 SEPTEMBER GNMA DUE 10/20/21	-180.4500	0.000000	180.45	-183.43	-2.98
10/20/2021	36225CC20	PAID DOWN PAR VALUE OF G N M A I I #080088 2.000% 6/20/27 SEPTEMBER GNMA DUE 10/20/21	-195.8100	0.000000	195.81	-200.09	-4.28
10/20/2021	36225CNM4	PAID DOWN PAR VALUE OF G N M A I I #080395 1.875% 4/20/30 SEPTEMBER GNMA DUE 10/20/21	-115.3500	0.000000	115.35	-114.30	1.05
10/20/2021	36225CN28	PAID DOWN PAR VALUE OF G N M A I I #080408 1.875% 5/20/30 SEPTEMBER GNMA DUE 10/20/21	-286.4300	0.000000	286.43	-283.52	2.91
10/20/2021	36225DCB8	PAID DOWN PAR VALUE OF G N M A I I #080965 2.250% 7/20/34 SEPTEMBER GNMA DUE 10/20/21	-688.2200	0.000000	688.22	-687.79	0.43
10/21/2021	43815HAC1	PAID DOWN PAR VALUE OF HONDA AUTO 2.94999% 8/22/22	-137,863.4100	0.000000	137,863.41	-137,844.49	18.92
10/21/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-1,704,956.5200	1.000000	1,704,956.52	-1,704,956.52	0.00
10/25/2021	31394JY35	PAID DOWN PAR VALUE OF F H L M C MLTCL MT 9.50001% 9/25/43	-4,138.4500	0.000000	4,138.45	-4,686.79	-548.34
10/25/2021	31371NUC7	PAID DOWN PAR VALUE OF F N M A #257179 4.500% 4/01/28 SEPTEMBER FNMA DUE 10/25/21	-564.9900	0.000000	564.99	-597.53	-32.54
10/25/2021	31376KT22	PAID DOWN PAR VALUE OF F N M A #357969 5.000% 9/01/35 SEPTEMBER FNMA DUE 10/25/21	-312.3900	0.000000	312.39	-335.82	-23.43
10/25/2021	31403DJZ3	PAID DOWN PAR VALUE OF F N M A #745580 5.000% 6/01/36 SEPTEMBER FNMA DUE 10/25/21	-1,929.4800	0.000000	1,929.48	-2,074.19	-144.71

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10/25/2021	31403GXF4	PAID DOWN PAR VALUE OF F N M A #748678 5.000% 10/01/33 SEPTEMBER FNMA DUE 10/25/21	-4.0300	0.000000	4.03	-4.33	-0.30
10/25/2021	31406PQY8	PAID DOWN PAR VALUE OF F N M A #815971 5.000% 3/01/35 SEPTEMBER FNMA DUE 10/25/21	-4,251.8100	0.000000	4,251.81	-4,570.70	-318.89
10/25/2021	31406XWT5	PAID DOWN PAR VALUE OF F N M A #823358 2.035% 2/01/35 SEPTEMBER FNMA DUE 10/25/21	-12,367.3200	0.000000	12,367.32	-12,270.70	96.62
10/25/2021	31407BXH7	PAID DOWN PAR VALUE OF F N M A #826080 5.000% 7/01/35 SEPTEMBER FNMA DUE 10/25/21	-441.9300	0.000000	441.93	-475.07	-33.14
10/25/2021	31410F4V4	PAID DOWN PAR VALUE OF F N M A #888336 5.000% 7/01/36 SEPTEMBER FNMA DUE 10/25/21	-3,315.7800	0.000000	3,315.78	-3,564.46	-248.68
10/25/2021	3138EG6F6	PAID DOWN PAR VALUE OF F N M A #AL0869 4.500% 6/01/29 SEPTEMBER FNMA DUE 10/25/21	-162.7600	0.000000	162.76	-172.14	-9.38
10/25/2021	31417YAY3	PAID DOWN PAR VALUE OF F N M A #MA0022 4.500% 4/01/29 SEPTEMBER FNMA DUE 10/25/21	-307.1000	0.000000	307.10	-324.79	-17.69
10/25/2021	31397QRE0	PAID DOWN PAR VALUE OF F N M A GTD REMIC 2.472% 2/25/41	-2,237.1900	0.000000	2,237.19	-2,236.49	0.70
10/25/2021	78445JAA5	PAID DOWN PAR VALUE OF S L M A 1.64331% 4/25/23	-296.3900	0.000000	296.39	-295.19	1.20
10/28/2021	912828L57	SOLD PAR VALUE OF U S TREASURY NT 1.750% 9/30/22 /MORGAN STANLEY SMITH BARNEY/3,500,000 PAR VALUE AT 101.50390629 %	-3,500,000.0000	1.015039	3,552,636.72	-3,439,296.88	113,339.84
10/28/2021	912828L24	SOLD PAR VALUE OF U S TREASURY NT 1.875% 8/31/22 /WELLS FARGO SECURITIES, LLC/1,500,000 PAR VALUE AT 101.48437533 %	-1,500,000.0000	1.014844	1,522,265.63	-1,496,958.15	25,307.48
10/28/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-1,353,018.1500	1.000000	1,353,018.15	-1,353,018.15	0.00
11/12/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-5,033,687.1600	1.000000	5,033,687.16	-5,033,687.16	0.00
11/15/2021	31348SWZ3	PAID DOWN PAR VALUE OF F H L M C #786064 2.262% 1/01/28 OCTOBER FHLMC DUE 11/15/21	-32.1000	0.000000	32.10	-31.32	0.78
11/15/2021	3133TCE95	PAID DOWN PAR VALUE OF F H L M C MLTCL MTG 3.801% 8/15/32	-61.6500	0.000000	61.65	-61.71	-0.06
11/15/2021	47788EAC2	PAID DOWN PAR VALUE OF JOHN DEERE OWNER 3.080% 11/15/22 CMO FINAL PAYDOWN	-66,235.8100	0.000000	66,235.81	-66,230.79	5.02
11/15/2021	58770FAC6	PAID DOWN PAR VALUE OF MERCEDES BENZ AUTO 1.840% 12/15/22	-197,796.0100	0.000000	197,796.01	-197,769.94	26.07
11/15/2021	65479JAD5	PAID DOWN PAR VALUE OF NISSAN AUTO 1.930% 7/15/24	-243,256.5600	0.000000	243,256.56	-243,243.72	12.84
11/15/2021	65479GAD1	PAID DOWN PAR VALUE OF NISSAN AUTO 3.060% 3/15/23	-127,666.8300	0.000000	127,666.83	-127,662.70	4.13
11/16/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-10,070,507.8200	1.000000	10,070,507.82	-10,070,507.82	0.00
11/17/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-4,580,720.0100	1.000000	4,580,720.01	-4,580,720.01	0.00
11/19/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-5,033,823.0300	1.000000	5,033,823.03	-5,033,823.03	0.00
11/22/2021	36225CAZ9	PAID DOWN PAR VALUE OF G N M A I I #080023 2.125% 12/20/26 OCTOBER GNMA DUE 11/20/21	-183.5000	0.000000	183.50	-186.53	-3.03
11/22/2021	36225CC20	PAID DOWN PAR VALUE OF G N M A I I #080088 2.000% 6/20/27 OCTOBER GNMA DUE 11/20/21	-96.6500	0.000000	96.65	-98.76	-2.11
11/22/2021	36225CNM4	PAID DOWN PAR VALUE OF G N M A I I #080395 1.875% 4/20/30 OCTOBER GNMA DUE 11/20/21	-163.1100	0.000000	163.11	-161.63	1.48

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11/22/2021	36225CN28	PAID DOWN PAR VALUE OF G N M A I I #080408 1.875% 5/20/30 OCTOBER GNMA DUE 11/20/21	-704.3700	0.000000	704.37	-697.22	7.15
11/22/2021	36225DCB8	PAID DOWN PAR VALUE OF G N M A I I #080965 1.625% 7/20/34 OCTOBER GNMA DUE 11/20/21	-166.7300	0.000000	166.73	-166.63	0.10
11/22/2021	43815HAC1	PAID DOWN PAR VALUE OF HONDA AUTO 2.94999% 8/22/22 CMO FINAL PAYDOWN	-60,746.0300	0.000000	60,746.03	-60,737.70	8.33
11/26/2021	31394JY35	PAID DOWN PAR VALUE OF F H L M C MLTCL MT 9.50001% 9/25/43	-31,218.7900	68.194897	31,218.79	-35,355.28	-4,136.49
11/26/2021	31371NUC7	PAID DOWN PAR VALUE OF F N M A #257179 4.500% 4/01/28 OCTOBER FNMA DUE 11/25/21	-105.2700	0.000000	105.27	-111.33	-6.06
11/26/2021	31376KT22	PAID DOWN PAR VALUE OF F N M A #357969 5.000% 9/01/35 OCTOBER FNMA DUE 11/25/21	-841.2600	0.000000	841.26	-904.35	-63.09
11/26/2021	31403DJZ3	PAID DOWN PAR VALUE OF F N M A #745580 5.000% 6/01/36 OCTOBER FNMA DUE 11/25/21	-976.9900	0.000000	976.99	-1,050.26	-73.27
11/26/2021	31403GXF4	PAID DOWN PAR VALUE OF F N M A #748678 5.000% 10/01/33 OCTOBER FNMA DUE 11/25/21	-4.0500	0.000000	4.05	-4.35	-0.30
11/26/2021	31406PQY8	PAID DOWN PAR VALUE OF F N M A #815971 5.000% 3/01/35 OCTOBER FNMA DUE 11/25/21	-448.0300	0.000000	448.03	-481.63	-33.60
11/26/2021	31406XWT5	PAID DOWN PAR VALUE OF F N M A #823358 2.035% 2/01/35 OCTOBER FNMA DUE 11/25/21	-476.4400	0.000000	476.44	-472.72	3.72
11/26/2021	31407BXH7	PAID DOWN PAR VALUE OF F N M A #826080 5.000% 7/01/35 OCTOBER FNMA DUE 11/25/21	-268.9000	0.000000	268.90	-289.07	-20.17
11/26/2021	31410F4V4	PAID DOWN PAR VALUE OF F N M A #888336 5.000% 7/01/36 OCTOBER FNMA DUE 11/25/21	-1,779.2500	0.000000	1,779.25	-1,912.69	-133.44
11/26/2021	3138EG6F6	PAID DOWN PAR VALUE OF F N M A #AL0869 4.500% 6/01/29 OCTOBER FNMA DUE 11/25/21	-135.2900	0.000000	135.29	-143.08	-7.79
11/26/2021	31417YAY3	PAID DOWN PAR VALUE OF F N M A #MA0022 4.500% 4/01/29 OCTOBER FNMA DUE 11/25/21	-221.5700	0.000000	221.57	-234.33	-12.76
11/26/2021	31397QRE0	PAID DOWN PAR VALUE OF F N M A GTD REMIC 2.472% 2/25/41	-2,777.7300	0.000000	2,777.73	-2,776.86	0.87
11/26/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-4,400,768.3400	1.000000	4,400,768.34	-4,400,768.34	0.00
11/29/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-4,033,782.2800	1.000000	4,033,782.28	-4,033,782.28	0.00
11/30/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-5,033,924.9300	1.000000	5,033,924.93	-5,033,924.93	0.00
12/14/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-5,002,055.0300	1.000000	5,002,055.03	-5,002,055.03	0.00
12/15/2021	31348SWZ3	PAID DOWN PAR VALUE OF F H L M C #786064 2.262% 1/01/28 NOVEMBER FHLMC DUE 12/15/21	-14.4000	0.000000	14.40	-14.05	0.35
12/15/2021	3133TCE95	PAID DOWN PAR VALUE OF F H L M C MLTCL MTG 3.794% 8/15/32	-56.0500	0.000000	56.05	-56.11	-0.06
12/15/2021	58770FAC6	PAID DOWN PAR VALUE OF MERCEDES BENZ AUTO 1.840% 12/15/22	-225,100.3300	0.000000	225,100.33	-225,070.66	29.67
12/15/2021	65479JAD5	PAID DOWN PAR VALUE OF NISSAN AUTO 1.930% 7/15/24	-244,301.6300	0.000000	244,301.63	-244,288.73	12.90
12/15/2021	65479GAD1	PAID DOWN PAR VALUE OF NISSAN AUTO 3.060% 3/15/23	-129,060.0700	0.000000	129,060.07	-129,055.89	4.18

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12/20/2021	36225CAZ9	PAID DOWN PAR VALUE OF G N M A I I #080023 2.125% 12/20/26 NOVEMBER GNMA DUE 12/20/21	-180.5000	0.000000	180.50	-183.48	-2.98
12/20/2021	36225CC20	PAID DOWN PAR VALUE OF G N M A I I #080088 2.000% 6/20/27 NOVEMBER GNMA DUE 12/20/21	-92.6100	0.000000	92.61	-94.64	-2.03
12/20/2021	36225CNM4	PAID DOWN PAR VALUE OF G N M A I I #080395 1.875% 4/20/30 NOVEMBER GNMA DUE 12/20/21	-37.3100	0.000000	37.31	-36.97	0.34
12/20/2021	36225CN28	PAID DOWN PAR VALUE OF G N M A I I #080408 1.875% 5/20/30 NOVEMBER GNMA DUE 12/20/21	-691.2700	0.000000	691.27	-684.25	7.02
12/20/2021	36225DCB8	PAID DOWN PAR VALUE OF G N M A I I #080965 1.625% 7/20/34 NOVEMBER GNMA DUE 12/20/21	-171.8100	0.000000	171.81	-171.70	0.11
12/22/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-2,000,720.1100	1.000000	2,000,720.11	-2,000,720.11	0.00
12/22/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-4,236,448.1700	1.000000	4,236,448.17	-4,236,448.17	0.00
12/27/2021	31394JY35	PAID DOWN PAR VALUE OF F H L M C MLTCL MT 9.50001% 9/25/43	-4,641.1400	0.000000	4,641.14	-5,256.09	-614.95
12/27/2021	31371NUC7	PAID DOWN PAR VALUE OF F N M A #257179 4.500% 4/01/28 NOVEMBER FNMA DUE 12/25/21	-115.1300	0.000000	115.13	-121.76	-6.63
12/27/2021	31376KT22	PAID DOWN PAR VALUE OF F N M A #357969 5.000% 9/01/35 NOVEMBER FNMA DUE 12/25/21	-1,882.9100	0.000000	1,882.91	-2,024.13	-141.22
12/27/2021	31403DJZ3	PAID DOWN PAR VALUE OF F N M A #745580 5.000% 6/01/36 NOVEMBER FNMA DUE 12/25/21	-1,300.5800	0.000000	1,300.58	-1,398.12	-97.54
12/27/2021	31403GXF4	PAID DOWN PAR VALUE OF F N M A #748678 5.000% 10/01/33 NOVEMBER FNMA DUE 12/25/21	-4.0700	0.000000	4.07	-4.38	-0.31
12/27/2021	31406PQY8	PAID DOWN PAR VALUE OF F N M A #815971 5.000% 3/01/35 NOVEMBER FNMA DUE 12/25/21	-2,825.5900	0.000000	2,825.59	-3,037.51	-211.92
12/27/2021	31406XWT5	PAID DOWN PAR VALUE OF F N M A #823358 2.013% 2/01/35 NOVEMBER FNMA DUE 12/25/21	-398.5200	0.000000	398.52	-395.41	3.11
12/27/2021	31407BXH7	PAID DOWN PAR VALUE OF F N M A #826080 5.000% 7/01/35 NOVEMBER FNMA DUE 12/25/21	-363.1400	0.000000	363.14	-390.37	-27.23
12/27/2021	31410F4V4	PAID DOWN PAR VALUE OF F N M A #888336 5.000% 7/01/36 NOVEMBER FNMA DUE 12/25/21	-4,718.2700	0.000000	4,718.27	-5,072.14	-353.87
12/27/2021	3138EG6F6	PAID DOWN PAR VALUE OF F N M A #AL0869 4.500% 6/01/29 NOVEMBER FNMA DUE 12/25/21	-149.2200	0.000000	149.22	-157.82	-8.60
12/27/2021	31417YAY3	PAID DOWN PAR VALUE OF F N M A #MA0022 4.500% 4/01/29 NOVEMBER FNMA DUE 12/25/21	-245.1000	0.000000	245.10	-259.22	-14.12
12/27/2021	31397QRE0	PAID DOWN PAR VALUE OF F N M A GTD REMIC 2.472% 2/25/41	-2,194.5500	0.000000	2,194.55	-2,193.86	0.69
12/27/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-1,328,182.4100	1.000000	1,328,182.41	-1,328,182.41	0.00
12/28/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-29,987,774.8400	1.000000	29,987,774.84	-29,987,774.84	0.00
12/28/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-9,996,363.8900	1.000000	9,996,363.89	-9,996,363.89	0.00
12/29/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-16,993,119.8100	1.000000	16,993,119.81	-16,993,119.81	0.00
12/30/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-27,987,793.3200	1.000000	27,987,793.32	-27,987,793.32	0.00

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12/31/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-4,995,879.7600	1.000000	4,995,879.76	-4,995,879.76	0.00
12/31/2021	31846V567	SOLD UNITS OF FIRST AM GOVT OB FD CL Z	-7,378,417.9700	1.000000	7,378,417.97	-7,378,417.97	0.00
TOTAL DISPOSITIONS			**-164,385,104.0700**		**164,518,670.48**	**-164,298,885.13**	**219,785.35**
OTHER TRANSACTIONS							
10/01/2021	31846V567	INTEREST EARNED ON FIRST AM GOVT OB FD CL Z UNIT ON 0.0000 SHARES DUE 9/30/2021 INTEREST FROM 9/1/21 TO 9/30/21	0.0000	0.000000	150.70	0.00	0.00
10/01/2021	31846V567	INTEREST EARNED ON FIRST AM GOVT OB FD CL Z UNIT ON 0.0000 SHARES DUE 9/30/2021 INTEREST FROM 9/1/21 TO 9/30/21	0.0000	0.000000	101.79	0.00	0.00
10/05/2021	3135G0T45	INTEREST EARNED ON F N M A 1.875% 4/05/22 $1 PV ON 5000000.0000 SHARES DUE 10/5/2021	0.0000	0.000000	46,875.00	0.00	0.00
10/07/2021	525ESC0Y6	Unknown LEHMAN BRTH HLD ESC PARTIAL LIQUIDATING DISTRIBUTION PAID @ 0.77/SHARE	0.0000	0.000000	1,552.44	-1,552.44	0.00
10/07/2021	525ESCIB7	Unknown LEHMAN BRTH MTN ES 0.00001% 1/24/13 PARTIAL LIQUIDATING DISTRIBUTION PAID @ 0.77/SHARE	0.0000	0.000000	467.39	-467.39	0.00
10/12/2021	02665WCQ2	INTEREST EARNED ON AMERICAN HONDA MTN 3.625% 10/10/23 $1 PV ON 2000000.0000 SHARES DUE 10/12/2021	0.0000	0.000000	36,250.00	0.00	0.00
10/12/2021	24422EUM9	INTEREST EARNED ON JOHN DEERE MTN 3.650% 10/12/23 $1 PV ON 1250000.0000 SHARES DUE 10/12/2021	0.0000	0.000000	22,812.50	0.00	0.00
10/13/2021	912828WU0	BOOK VALUE OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 13104.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	0.00	0.00
10/13/2021	912828WU0	FED BASIS OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 13104.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	13,104.00	0.00
10/13/2021	912828WU0	PAR VALUE OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 13104.0000 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	13,104.0000	0.000000	0.00	0.00	0.00
10/13/2021	912828WU0	STATE COST OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 13104.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	0.00	0.00
10/15/2021	31348SWZ3	INTEREST EARNED ON F H L M C #786064 2.262% 1/01/28 $1 PV ON 2.6200 SHARES DUE 10/15/2021 AUGUST FHLMC DUE 10/15/21	0.0000	0.000000	2.62	0.00	0.00
10/15/2021	3133TCE95	INTEREST EARNED ON F H L M C MLTCL MTG 3.807% 8/15/32 $1 PV ON 11.9200 SHARES DUE 10/15/2021 $0.00317/PV ON 3,755.75 PV DUE 10/15/21	0.0000	0.000000	11.92	0.00	0.00
10/15/2021	44934KAC8	INTEREST EARNED ON HTUNDAI AUTO REC TR 0.380% 1/15/26 $1 PV ON 1912.6700 SHARES DUE 10/15/2021 $0.00032/PV ON 6,040,000.00 PV DUE 10/15/21	0.0000	0.000000	1,912.67	0.00	0.00
10/15/2021	44891VAC5	INTEREST EARNED ON HYUNDAI AUTO LEASE 0.330% 6/17/24 $1 PV ON 1142.6300 SHARES DUE 10/15/2021 $0.00027/PV ON 4,155,000.00 PV DUE 10/15/21	0.0000	0.000000	1,142.63	0.00	0.00
10/15/2021	44933LAC7	INTEREST EARNED ON HYUNDAI AUTO REC 0.380% 9/15/25 $1 PV ON 665.0000 SHARES DUE 10/15/2021 $0.00032/PV ON 2,100,000.00 PV DUE 10/15/21	0.0000	0.000000	665.00	0.00	0.00
10/15/2021	47789QAC4	INTEREST EARNED ON JOHN DEERE OWN 0.520% 3/16/26 $1 PV ON 1222.0000 SHARES DUE 10/15/2021 $0.00043/PV ON 2,820,000.00 PV DUE 10/15/21	0.0000	0.000000	1,222.00	0.00	0.00

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Entry Date	CUSIP Id	Explanation	Units	Price	Net Cash Amt	Cost	Gain/Loss
10/15/2021	47788UAC6	INTEREST EARNED ON JOHN DEERE OWNER 0.360% 9/15/25 $1 PV ON 690.0000 SHARES DUE 10/15/2021 $0.00030/PV ON 2,300,000.00 PV DUE 10/15/21	0.0000	0.000000	690.00	0.00	0.00
10/15/2021	47787NAC3	INTEREST EARNED ON JOHN DEERE OWNER 0.510% 11/15/24 $1 PV ON 629.0000 SHARES DUE 10/15/2021 $0.00042/PV ON 1,480,000.00 PV DUE 10/15/21	0.0000	0.000000	629.00	0.00	0.00
10/15/2021	47788EAC2	INTEREST EARNED ON JOHN DEERE OWNER 3.080% 11/15/22 $1 PV ON 464.7900 SHARES DUE 10/15/2021 $0.00257/PV ON 181,085.41 PV DUE 10/15/21	0.0000	0.000000	464.79	0.00	0.00
10/15/2021	58769KAD6	INTEREST EARNED ON MERCEDES BENZ AUTO 0.400% 11/15/24 $1 PV ON 1105.0000 SHARES DUE 10/15/2021 $0.00033/PV ON 3,315,000.00 PV DUE 10/15/21	0.0000	0.000000	1,105.00	0.00	0.00
10/15/2021	58770FAC6	INTEREST EARNED ON MERCEDES BENZ AUTO 1.840% 12/15/22 $1 PV ON 2352.3400 SHARES DUE 10/15/2021 $0.00153/PV ON 1,534,136.34 PV DUE 10/15/21	0.0000	0.000000	2,352.34	0.00	0.00
10/15/2021	65479JAD5	INTEREST EARNED ON NISSAN AUTO 1.930% 7/15/24 $1 PV ON 5588.8600 SHARES DUE 10/15/2021 $0.00161/PV ON 3,474,940.81 PV DUE 10/15/21	0.0000	0.000000	5,588.86	0.00	0.00
10/15/2021	65479GAD1	INTEREST EARNED ON NISSAN AUTO 3.060% 3/15/23 $1 PV ON 1730.8800 SHARES DUE 10/15/2021 $0.00255/PV ON 678,775.43 PV DUE 10/15/21	0.0000	0.000000	1,730.88	0.00	0.00
10/15/2021	89237VAB5	INTEREST EARNED ON TOYOTA AUTO RECV 0.440% 10/15/24 $1 PV ON 1085.3300 SHARES DUE 10/15/2021 $0.00037/PV ON 2,960,000.00 PV DUE 10/15/21	0.0000	0.000000	1,085.33	0.00	0.00
10/15/2021	9128286M7	INTEREST EARNED ON U S TREASURY NT 2.250% 4/15/22 $1 PV ON 7500000.0000 SHARES DUE 10/15/2021	0.0000	0.000000	84,375.00	0.00	0.00
10/15/2021	3135G0T45	RECEIVED ACCRUED INTEREST ON SALE OF F N M A 1.875% 4/05/22	0.0000	0.000000	2,604.17	0.00	0.00
10/15/2021	912828L24	RECEIVED ACCRUED INTEREST ON SALE OF U S TREASURY NT 1.875% 8/31/22	0.0000	0.000000	2,330.80	0.00	0.00
10/18/2021	43813KAC6	INTEREST EARNED ON HONDA AUTO 0.370% 10/18/24 $1 PV ON 997.4600 SHARES DUE 10/18/2021 $0.00031/PV ON 3,235,000.00 PV DUE 10/18/21	0.0000	0.000000	997.46	0.00	0.00
10/20/2021	36225CAZ9	INTEREST EARNED ON G N M A I I #080023 2.125% 12/20/26 $1 PV ON 16.8900 SHARES DUE 10/20/2021 SEPTEMBER GNMA DUE 10/20/21	0.0000	0.000000	16.89	0.00	0.00
10/20/2021	36225CC20	INTEREST EARNED ON G N M A I I #080088 2.000% 6/20/27 $1 PV ON 11.2300 SHARES DUE 10/20/2021 SEPTEMBER GNMA DUE 10/20/21	0.0000	0.000000	11.23	0.00	0.00
10/20/2021	36225CNM4	INTEREST EARNED ON G N M A I I #080395 1.875% 4/20/30 $1 PV ON 5.9200 SHARES DUE 10/20/2021 SEPTEMBER GNMA DUE 10/20/21	0.0000	0.000000	5.92	0.00	0.00
10/20/2021	36225CN28	INTEREST EARNED ON G N M A I I #080408 1.875% 5/20/30 $1 PV ON 48.5500 SHARES DUE 10/20/2021 SEPTEMBER GNMA DUE 10/20/21	0.0000	0.000000	48.55	0.00	0.00
10/20/2021	36225DCB8	INTEREST EARNED ON G N M A I I #080965 2.250% 7/20/34 $1 PV ON 48.9800 SHARES DUE 10/20/2021 SEPTEMBER GNMA DUE 10/20/21	0.0000	0.000000	48.98	0.00	0.00
10/20/2021	4581X0DV7	INTEREST EARNED ON INTER AMER BK M T N 0.875% 4/20/26 $1 PV ON 13370000.0000 SHARES DUE 10/20/2021	0.0000	0.000000	58,493.75	0.00	0.00
10/20/2021	89239CAC3	INTEREST EARNED ON TOYOTA LEASE OWNER 0.420% 10/21/24 $1 PV ON 1114.7500 SHARES DUE 10/20/2021 $0.00035/PV ON 3,185,000.00 PV DUE 10/20/21	0.0000	0.000000	1,114.75	0.00	0.00
10/21/2021	43813GAC5	INTEREST EARNED ON HONDA AUTO 0.270% 4/21/25 $1 PV ON 361.1300 SHARES DUE 10/21/2021 $0.00023/PV ON 1,605,000.00 PV DUE 10/21/21	0.0000	0.000000	361.13	0.00	0.00
10/21/2021	43815HAC1	INTEREST EARNED ON HONDA AUTO 2.94999% 8/22/22 $1 PV ON 488.2500 SHARES DUE 10/21/2021 $0.00246/PV ON 198,609.44 PV DUE 10/21/21	0.0000	0.000000	488.25	0.00	0.00

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10/22/2021	3135G03U5	INTEREST EARNED ON F N M A DEB 0.625% 4/22/25 $1 PV ON 14000000.0000 SHARES DUE 10/22/2021	0.0000	0.000000	43,750.00	0.00	0.00
10/22/2021	459058JB0	INTEREST EARNED ON INTL BK M T N 0.626% 4/22/25 $1 PV ON 6245000.0000 SHARES DUE 10/22/2021	0.0000	0.000000	19,546.85	0.00	0.00
10/25/2021	03215PFN4	INTEREST EARNED ON AMRESCO 0.95764% 6/25/29 $1 PV ON 94.9800 SHARES DUE 10/25/2021 $0.00080/PV ON 119,021.64 PV DUE 10/25/21	0.0000	0.000000	94.98	0.00	0.00
10/25/2021	09690AAC7	INTEREST EARNED ON BMW VEHICLE LEASE 0.330% 12/26/24 $1 PV ON 759.0000 SHARES DUE 10/25/2021 $0.00037/PV ON 2,070,000.00 PV DUE 10/25/21	0.0000	0.000000	759.00	0.00	0.00
10/25/2021	3137BFE98	INTEREST EARNED ON F H L B GTD REMIC 3.171% 10/25/24 $1 PV ON 13212.5000 SHARES DUE 10/25/2021 $0.00264/PV ON 5,000,000.00 PV DUE 10/25/21	0.0000	0.000000	13,212.50	0.00	0.00
10/25/2021	31394JY35	INTEREST EARNED ON F H L M C MLTCL MT 9.50001% 9/25/43 $1 PV ON 2709.6600 SHARES DUE 10/25/2021 $0.00542/PV ON 500,242.49 PV DUE 10/25/21	0.0000	0.000000	2,709.66	0.00	0.00
10/25/2021	31371NUC7	INTEREST EARNED ON F N M A #257179 4.500% 4/01/28 $1 PV ON 27.7600 SHARES DUE 10/25/2021 SEPTEMBER FNMA DUE 10/25/21	0.0000	0.000000	27.76	0.00	0.00
10/25/2021	31376KT22	INTEREST EARNED ON F N M A #357969 5.000% 9/01/35 $1 PV ON 251.2000 SHARES DUE 10/25/2021 SEPTEMBER FNMA DUE 10/25/21	0.0000	0.000000	251.20	0.00	0.00
10/25/2021	31403DJZ3	INTEREST EARNED ON F N M A #745580 5.000% 6/01/36 $1 PV ON 239.5900 SHARES DUE 10/25/2021 SEPTEMBER FNMA DUE 10/25/21	0.0000	0.000000	239.59	0.00	0.00
10/25/2021	31403GXF4	INTEREST EARNED ON F N M A #748678 5.000% 10/01/33 $1 PV ON 3.3300 SHARES DUE 10/25/2021 SEPTEMBER FNMA DUE 10/25/21	0.0000	0.000000	3.33	0.00	0.00
10/25/2021	31406PQY8	INTEREST EARNED ON F N M A #815971 5.000% 3/01/35 $1 PV ON 357.2300 SHARES DUE 10/25/2021 SEPTEMBER FNMA DUE 10/25/21	0.0000	0.000000	357.23	0.00	0.00
10/25/2021	31406XWT5	INTEREST EARNED ON F N M A #823358 2.035% 2/01/35 $1 PV ON 116.1100 SHARES DUE 10/25/2021 SEPTEMBER FNMA DUE 10/25/21	0.0000	0.000000	116.11	0.00	0.00
10/25/2021	31407BXH7	INTEREST EARNED ON F N M A #826080 5.000% 7/01/35 $1 PV ON 49.1100 SHARES DUE 10/25/2021 SEPTEMBER FNMA DUE 10/25/21	0.0000	0.000000	49.11	0.00	0.00
10/25/2021	31410F4V4	INTEREST EARNED ON F N M A #888336 5.000% 7/01/36 $1 PV ON 414.7000 SHARES DUE 10/25/2021 SEPTEMBER FNMA DUE 10/25/21	0.0000	0.000000	414.70	0.00	0.00
10/25/2021	3138EG6F6	INTEREST EARNED ON F N M A #AL0869 4.500% 6/01/29 $1 PV ON 20.0800 SHARES DUE 10/25/2021 SEPTEMBER FNMA DUE 10/25/21	0.0000	0.000000	20.08	0.00	0.00
10/25/2021	31417YAY3	INTEREST EARNED ON F N M A #MA0022 4.500% 4/01/29 $1 PV ON 34.0300 SHARES DUE 10/25/2021 SEPTEMBER FNMA DUE 10/25/21	0.0000	0.000000	34.03	0.00	0.00
10/25/2021	31397QRE0	INTEREST EARNED ON F N M A GTD REMIC 2.472% 2/25/41 $1 PV ON 64.5200 SHARES DUE 10/25/2021 $0.00064/PV ON 101,078.15 PV DUE 10/25/21	0.0000	0.000000	64.52	0.00	0.00
10/25/2021	78445JAA5	INTEREST EARNED ON S L M A 1.64331% 4/25/23 $1 PV ON 40.2900 SHARES DUE 10/25/2021 $0.00411/PV ON 9,806.92 PV DUE 10/25/21	0.0000	0.000000	40.29	0.00	0.00
10/27/2021	912828WU0	BOOK VALUE OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 12792.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	0.00	0.00
10/27/2021	912828WU0	FED BASIS OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 12792.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	12,792.00	0.00

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10/27/2021	912828WU0	PAR VALUE OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 12792.0000 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	12,792.0000	0.000000	0.00	0.00	0.00
10/27/2021	912828WU0	STATE COST OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 12792.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	0.00	0.00
10/28/2021	459058JL8	INTEREST EARNED ON INTL BK M T N 0.500% 10/28/25 $1 PV ON 15000000.0000 SHARES DUE 10/28/2021	0.0000	0.000000	37,500.00	0.00	0.00
10/28/2021	91282CCW9	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 0.750% 8/31/26	0.0000	0.000000	-6,008.29	0.00	0.00
10/28/2021	912828L57	RECEIVED ACCRUED INTEREST ON SALE OF U S TREASURY NT 1.750% 9/30/22	0.0000	0.000000	4,711.54	0.00	0.00
10/28/2021	912828L24	RECEIVED ACCRUED INTEREST ON SALE OF U S TREASURY NT 1.875% 8/31/22	0.0000	0.000000	4,506.22	0.00	0.00
11/01/2021	06367WB85	INTEREST EARNED ON BANK OF MONTREAL MTN 1.850% 5/01/25 $1 PV ON 7000000.0000 SHARES DUE 11/1/2021	0.0000	0.000000	64,750.00	0.00	0.00
11/01/2021	31846V567	INTEREST EARNED ON FIRST AM GOVT OB FD CL Z UNIT ON 0.0000 SHARES DUE 10/31/2021 INTEREST FROM 10/1/21 TO 10/31/21	0.0000	0.000000	1.50	0.00	0.00
11/01/2021	31846V567	INTEREST EARNED ON FIRST AM GOVT OB FD CL Z UNIT ON 0.0000 SHARES DUE 10/31/2021 INTEREST FROM 10/1/21 TO 10/31/21	0.0000	0.000000	32.06	0.00	0.00
11/01/2021	912828ZM5	INTEREST EARNED ON U S TREASURY NT 0.125% 4/30/22 $1 PV ON 25000000.0000 SHARES DUE 10/31/2021	0.0000	0.000000	15,625.00	0.00	0.00
11/01/2021	912828ZL7	INTEREST EARNED ON U S TREASURY NT 0.375% 4/30/25 $1 PV ON 12000000.0000 SHARES DUE 10/31/2021	0.0000	0.000000	22,500.00	0.00	0.00
11/03/2021	00440EAU1	INTEREST EARNED ON ACE INA HOLDINGS 2.875% 11/03/22 $1 PV ON 4169000.0000 SHARES DUE 11/3/2021	0.0000	0.000000	59,929.38	0.00	0.00
11/08/2021	3133ELYR9	INTEREST EARNED ON F F C B DEB 0.250% 5/06/22 $1 PV ON 8850000.0000 SHARES DUE 11/6/2021	0.0000	0.000000	11,062.50	0.00	0.00
11/08/2021	3135G06G3	INTEREST EARNED ON F N M A 0.500% 11/07/25 $1 PV ON 8255000.0000 SHARES DUE 11/7/2021	0.0000	0.000000	20,637.50	0.00	0.00
11/10/2021	912828WU0	BOOK VALUE OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 15912.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	0.00	0.00
11/10/2021		CASH RECEIPT INCOMING WIRES WIRE REC'D 11/10/2021	0.0000	0.000000	30,000,000.00	0.00	0.00
11/10/2021		CASH RECEIPT INCOMING WIRES WIRE REC'D 11/10/2021	0.0000	0.000000	10,000,000.00	0.00	0.00
11/10/2021	912828WU0	FED BASIS OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 15912.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	15,912.00	0.00
11/10/2021	912828WU0	PAR VALUE OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 15912.0000 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	15,912.0000	0.000000	0.00	0.00	0.00
11/10/2021	912828WU0	STATE COST OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 15912.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	0.00	0.00
11/12/2021	023135BW5	INTEREST EARNED ON AMAZON COM INC 0.450% 5/12/24 $1 PV ON 5490000.0000 SHARES DUE 11/12/2021	0.0000	0.000000	12,352.50	0.00	0.00
11/12/2021	037833CU2	INTEREST EARNED ON APPLE INC 2.850% 5/11/24 $1 PV ON 3000000.0000 SHARES DUE 11/11/2021	0.0000	0.000000	42,750.00	0.00	0.00

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11/12/2021	458140BD1	INTEREST EARNED ON INTEL CORP 2.875% 5/11/24 $1 PV ON 5000000.0000 SHARES DUE 11/11/2021	0.0000	0.000000	71,875.00	0.00	0.00
11/12/2021	912828Z60	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 1.375% 1/31/22	0.0000	0.000000	-19,429.35	0.00	0.00
11/15/2021	084664BT7	INTEREST EARNED ON BERKSHIRE HATHAWAY 3.000% 5/15/22 $1 PV ON 4000000.0000 SHARES DUE 11/15/2021	0.0000	0.000000	60,000.00	0.00	0.00
11/15/2021	31348SWZ3	INTEREST EARNED ON F H L M C #786064 2.262% 1/01/28 $1 PV ON 2.5800 SHARES DUE 11/15/2021 SEPTEMBER FHLMC DUE 11/15/21	0.0000	0.000000	2.58	0.00	0.00
11/15/2021	3133TCE95	INTEREST EARNED ON F H L M C MLTCL MTG 3.801% 8/15/32 $1 PV ON 11.7400 SHARES DUE 11/15/2021 $0.00317/PV ON 3,705.75 PV DUE 11/15/21	0.0000	0.000000	11.74	0.00	0.00
11/15/2021	44934KAC8	INTEREST EARNED ON HTUNDAI AUTO REC TR 0.380% 1/15/26 $1 PV ON 1912.6700 SHARES DUE 11/15/2021 $0.00032/PV ON 6,040,000.00 PV DUE 11/15/21	0.0000	0.000000	1,912.67	0.00	0.00
11/15/2021	44891VAC5	INTEREST EARNED ON HYUNDAI AUTO LEASE 0.330% 6/17/24 $1 PV ON 1142.6300 SHARES DUE 11/15/2021 $0.00027/PV ON 4,155,000.00 PV DUE 11/15/21	0.0000	0.000000	1,142.63	0.00	0.00
11/15/2021	44933LAC7	INTEREST EARNED ON HYUNDAI AUTO REC 0.380% 9/15/25 $1 PV ON 665.0000 SHARES DUE 11/15/2021 $0.00032/PV ON 2,100,000.00 PV DUE 11/15/21	0.0000	0.000000	665.00	0.00	0.00
11/15/2021	47789QAC4	INTEREST EARNED ON JOHN DEERE OWN 0.520% 3/16/26 $1 PV ON 1222.0000 SHARES DUE 11/15/2021 $0.00043/PV ON 2,820,000.00 PV DUE 11/15/21	0.0000	0.000000	1,222.00	0.00	0.00
11/15/2021	47788UAC6	INTEREST EARNED ON JOHN DEERE OWNER 0.360% 9/15/25 $1 PV ON 690.0000 SHARES DUE 11/15/2021 $0.00030/PV ON 2,300,000.00 PV DUE 11/15/21	0.0000	0.000000	690.00	0.00	0.00
11/15/2021	47787NAC3	INTEREST EARNED ON JOHN DEERE OWNER 0.510% 11/15/24 $1 PV ON 629.0000 SHARES DUE 11/15/2021 $0.00042/PV ON 1,480,000.00 PV DUE 11/15/21	0.0000	0.000000	629.00	0.00	0.00
11/15/2021	47788EAC2	INTEREST EARNED ON JOHN DEERE OWNER 3.080% 11/15/22 $1 PV ON 170.0000 SHARES DUE 11/15/2021 $0.00257/PV ON 66,235.81 PV DUE 11/15/21	0.0000	0.000000	170.00	0.00	0.00
11/15/2021	58769KAD6	INTEREST EARNED ON MERCEDES BENZ AUTO 0.400% 11/15/24 $1 PV ON 1105.0000 SHARES DUE 11/15/2021 $0.00033/PV ON 3,315,000.00 PV DUE 11/15/21	0.0000	0.000000	1,105.00	0.00	0.00
11/15/2021	58770FAC6	INTEREST EARNED ON MERCEDES BENZ AUTO 1.840% 12/15/22 $1 PV ON 2050.5600 SHARES DUE 11/15/2021 $0.00153/PV ON 1,337,322.99 PV DUE 11/15/21	0.0000	0.000000	2,050.56	0.00	0.00
11/15/2021	65479JAD5	INTEREST EARNED ON NISSAN AUTO 1.930% 7/15/24 $1 PV ON 5166.7400 SHARES DUE 11/15/2021 $0.00161/PV ON 3,212,480.33 PV DUE 11/15/21	0.0000	0.000000	5,166.74	0.00	0.00
11/15/2021	65479GAD1	INTEREST EARNED ON NISSAN AUTO 3.060% 3/15/23 $1 PV ON 1388.1600 SHARES DUE 11/15/2021 $0.00255/PV ON 544,377.70 PV DUE 11/15/21	0.0000	0.000000	1,388.16	0.00	0.00
11/15/2021	89237VAB5	INTEREST EARNED ON TOYOTA AUTO RECV 0.440% 10/15/24 $1 PV ON 1085.3300 SHARES DUE 11/15/2021 $0.00037/PV ON 2,960,000.00 PV DUE 11/15/21	0.0000	0.000000	1,085.33	0.00	0.00
11/15/2021	912828WJ5	INTEREST EARNED ON U S TREASURY NT 2.500% 5/15/24 $1 PV ON 7000000.0000 SHARES DUE 11/15/2021	0.0000	0.000000	87,500.00	0.00	0.00
11/15/2021	91324PEC2	INTEREST EARNED ON UNITEDHEALTH 1.150% 5/15/26 $1 PV ON 1755000.0000 SHARES DUE 11/15/2021	0.0000	0.000000	9,867.00	0.00	0.00
11/16/2021	362554AC1	INTEREST EARNED ON GM FIN CONS AUTO 0.680% 9/16/26 $1 PV ON 1705000.0000 SHARES DUE 11/16/2021	0.0000	0.000000	805.14	0.00	0.00
11/16/2021	912828Z60	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 1.375% 1/31/22	0.0000	0.000000	-20,176.63	0.00	0.00

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11/16/2021	912828H86	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 1.500% 1/31/22	0.0000	0.000000	-22,010.87	0.00	0.00
11/17/2021	91282CDG3	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 1.125% 10/31/26	0.0000	0.000000	-1,584.94	0.00	0.00
11/18/2021	43813KAC6	INTEREST EARNED ON HONDA AUTO 0.370% 10/18/24 $1 PV ON 997.4600 SHARES DUE 11/18/2021 $0.00031/PV ON 3,235,000.00 PV DUE 11/18/21	0.0000	0.000000	997.46	0.00	0.00
11/18/2021	46625HRL6	INTEREST EARNED ON JP MORGAN CHASE CO 2.700% 5/18/23 $1 PV ON 5000000.0000 SHARES DUE 11/18/2021	0.0000	0.000000	67,500.00	0.00	0.00
11/18/2021	58933YAF2	INTEREST EARNED ON MERCK CO INC 2.800% 5/18/23 $1 PV ON 2000000.0000 SHARES DUE 11/18/2021	0.0000	0.000000	28,000.00	0.00	0.00
11/19/2021	61744YAH1	INTEREST EARNED ON MORGAN STANLEY 2.750% 5/19/22 $1 PV ON 2000000.0000 SHARES DUE 11/19/2021	0.0000	0.000000	27,500.00	0.00	0.00
11/19/2021	912828Z60	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 1.375% 1/31/22	0.0000	0.000000	-20,737.09	0.00	0.00
11/22/2021	02665WDF5	INTEREST EARNED ON AMERICAN HONDA MTN 1.950% 5/20/22 $1 PV ON 2000000.0000 SHARES DUE 11/22/2021	0.0000	0.000000	19,500.00	0.00	0.00
11/22/2021	36225CAZ9	INTEREST EARNED ON G N M A I I #080023 2.125% 12/20/26 $1 PV ON 16.5700 SHARES DUE 11/20/2021 OCTOBER GNMA DUE 11/20/21	0.0000	0.000000	16.57	0.00	0.00
11/22/2021	36225CC20	INTEREST EARNED ON G N M A I I #080088 2.000% 6/20/27 $1 PV ON 10.9100 SHARES DUE 11/20/2021 OCTOBER GNMA DUE 11/20/21	0.0000	0.000000	10.91	0.00	0.00
11/22/2021	36225CNM4	INTEREST EARNED ON G N M A I I #080395 1.875% 4/20/30 $1 PV ON 5.7400 SHARES DUE 11/20/2021 OCTOBER GNMA DUE 11/20/21	0.0000	0.000000	5.74	0.00	0.00
11/22/2021	36225CN28	INTEREST EARNED ON G N M A I I #080408 1.875% 5/20/30 $1 PV ON 48.1000 SHARES DUE 11/20/2021 OCTOBER GNMA DUE 11/20/21	0.0000	0.000000	48.10	0.00	0.00
11/22/2021	36225DCB8	INTEREST EARNED ON G N M A I I #080965 1.625% 7/20/34 $1 PV ON 34.4400 SHARES DUE 11/20/2021 OCTOBER GNMA DUE 11/20/21	0.0000	0.000000	34.44	0.00	0.00
11/22/2021	43813GAC5	INTEREST EARNED ON HONDA AUTO 0.270% 4/21/25 $1 PV ON 361.1300 SHARES DUE 11/21/2021 $0.00023/PV ON 1,605,000.00 PV DUE 11/21/21	0.0000	0.000000	361.13	0.00	0.00
11/22/2021	43815HAC1	INTEREST EARNED ON HONDA AUTO 2.94999% 8/22/22 $1 PV ON 149.3400 SHARES DUE 11/21/2021 $0.00246/PV ON 60,746.03 PV DUE 11/21/21	0.0000	0.000000	149.34	0.00	0.00
11/22/2021	89239CAC3	INTEREST EARNED ON TOYOTA LEASE OWNER 0.420% 10/21/24 $1 PV ON 1114.7500 SHARES DUE 11/20/2021 $0.00035/PV ON 3,185,000.00 PV DUE 11/20/21	0.0000	0.000000	1,114.75	0.00	0.00
11/24/2021	06417MMB8	INTEREST EARNED ON BANK OF NOVA C D 0.280% 11/24/21 $1 PV ON 5000000.0000 SHARES DUE 11/24/2021 ACCRUED INTEREST ON 11/24/2021 FULL CALL	0.0000	0.000000	14,155.56	0.00	0.00
11/24/2021	06417MMB8	MATURED PAR VALUE OF BANK OF NOVA C D 0.280% 11/24/21 5,000,000 PAR VALUE AT 100 %	-5,000,000.0000	1.000000	5,000,000.00	-5,000,000.00	0.00
11/26/2021	912828WU0	BOOK VALUE OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 16328.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	0.00	0.00
11/26/2021	912828WU0	FED BASIS OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 16328.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	16,328.00	0.00
11/26/2021	03215PFN4	INTEREST EARNED ON AMRESCO 1.09784% 6/25/29 $1 PV ON 108.8900 SHARES DUE 11/25/2021 $0.00091/PV ON 119,021.64 PV DUE 11/25/21	0.0000	0.000000	108.89	0.00	0.00

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11/26/2021	09690AAC7	INTEREST EARNED ON BMW VEHICLE LEASE 0.330% 12/26/24 $1 PV ON 569.2500 SHARES DUE 11/25/2021 $0.00027/PV ON 2,070,000.00 PV DUE 11/25/21	0.0000	0.000000	569.25	0.00	0.00
11/26/2021	3137BFE98	INTEREST EARNED ON F H L B GTD REMIC 3.171% 10/25/24 $1 PV ON 13212.5000 SHARES DUE 11/25/2021 $0.00264/PV ON 5,000,000.00 PV DUE 11/25/21	0.0000	0.000000	13,212.50	0.00	0.00
11/26/2021	31394JY35	INTEREST EARNED ON F H L M C MLTCL MT 9.50001% 9/25/43 $1 PV ON 2687.2500 SHARES DUE 11/25/2021 $0.00542/PV ON 496,104.04 PV DUE 11/25/21	0.0000	0.000000	2,687.25	0.00	0.00
11/26/2021	31371NUC7	INTEREST EARNED ON F N M A #257179 4.500% 4/01/28 $1 PV ON 25.6400 SHARES DUE 11/25/2021 OCTOBER FNMA DUE 11/25/21	0.0000	0.000000	25.64	0.00	0.00
11/26/2021	31376KT22	INTEREST EARNED ON F N M A #357969 5.000% 9/01/35 $1 PV ON 249.8900 SHARES DUE 11/25/2021 OCTOBER FNMA DUE 11/25/21	0.0000	0.000000	249.89	0.00	0.00
11/26/2021	31403DJZ3	INTEREST EARNED ON F N M A #745580 5.000% 6/01/36 $1 PV ON 231.5500 SHARES DUE 11/25/2021 OCTOBER FNMA DUE 11/25/21	0.0000	0.000000	231.55	0.00	0.00
11/26/2021	31403GXF4	INTEREST EARNED ON F N M A #748678 5.000% 10/01/33 $1 PV ON 3.3200 SHARES DUE 11/25/2021 OCTOBER FNMA DUE 11/25/21	0.0000	0.000000	3.32	0.00	0.00
11/26/2021	31406PQY8	INTEREST EARNED ON F N M A #815971 5.000% 3/01/35 $1 PV ON 339.5100 SHARES DUE 11/25/2021 OCTOBER FNMA DUE 11/25/21	0.0000	0.000000	339.51	0.00	0.00
11/26/2021	31406XWT5	INTEREST EARNED ON F N M A #823358 2.035% 2/01/35 $1 PV ON 95.1400 SHARES DUE 11/25/2021 OCTOBER FNMA DUE 11/25/21	0.0000	0.000000	95.14	0.00	0.00
11/26/2021	31407BXH7	INTEREST EARNED ON F N M A #826080 5.000% 7/01/35 $1 PV ON 47.2700 SHARES DUE 11/25/2021 OCTOBER FNMA DUE 11/25/21	0.0000	0.000000	47.27	0.00	0.00
11/26/2021	31410F4V4	INTEREST EARNED ON F N M A #888336 5.000% 7/01/36 $1 PV ON 400.8900 SHARES DUE 11/25/2021 OCTOBER FNMA DUE 11/25/21	0.0000	0.000000	400.89	0.00	0.00
11/26/2021	3138EG6F6	INTEREST EARNED ON F N M A #AL0869 4.500% 6/01/29 $1 PV ON 19.4700 SHARES DUE 11/25/2021 OCTOBER FNMA DUE 11/25/21	0.0000	0.000000	19.47	0.00	0.00
11/26/2021	31417YAY3	INTEREST EARNED ON F N M A #MA0022 4.500% 4/01/29 $1 PV ON 32.8700 SHARES DUE 11/25/2021 OCTOBER FNMA DUE 11/25/21	0.0000	0.000000	32.87	0.00	0.00
11/26/2021	31397QRE0	INTEREST EARNED ON F N M A GTD REMIC 2.472% 2/25/41 $1 PV ON 63.3600 SHARES DUE 11/25/2021 $0.00064/PV ON 98,840.96 PV DUE 11/25/21	0.0000	0.000000	63.36	0.00	0.00
11/26/2021	91282CDG3	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 1.125% 10/31/26	0.0000	0.000000	-3,636.05	0.00	0.00
11/26/2021	912828WU0	PAR VALUE OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 16328.0000 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	16,328.0000	0.000000	0.00	0.00	0.00
11/26/2021	912828WU0	STATE COST OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 16328.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	0.00	0.00
11/29/2021	21687AYV9	INTEREST EARNED ON COOPERATIEVE CENTRALE C P 11/29/21 $1 PV ON 2000000.0000 SHARES DUE 11/29/2021 2,000,000 PAR VALUE AT 100 %	0.0000	0.000000	2,021.11	0.00	0.00
11/29/2021	21687AYV9	MATURED PAR VALUE OF COOPERATIEVE CENTRALE C P 11/29/21 2,000,000 PAR VALUE AT 100 %	-2,000,000.0000	1.000000	1,997,978.89	-1,997,978.89	0.00
11/29/2021	747525AF0	PAID ACCRUED INTEREST ON PURCHASE OF QUALCOMM INC 3.450% 5/20/25	0.0000	0.000000	-3,268.88	0.00	0.00
11/30/2021	61747YEA9	INTEREST EARNED ON MORGAN STANLEY 0.790% 5/30/25 $1 PV ON 8885000.0000 SHARES DUE 11/30/2021	0.0000	0.000000	34,900.78	0.00	0.00

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11/30/2021	91282CCF6	INTEREST EARNED ON U S TREASURY NT 0.750% 5/31/26 $1 PV ON 7500000.0000 SHARES DUE 11/30/2021	0.0000	0.000000	28,125.00	0.00	0.00
11/30/2021	912828R69	INTEREST EARNED ON U S TREASURY NT 1.625% 5/31/23 $1 PV ON 5000000.0000 SHARES DUE 11/30/2021	0.0000	0.000000	40,625.00	0.00	0.00
11/30/2021	912828M80	INTEREST EARNED ON U S TREASURY NT 2.000% 11/30/22 $1 PV ON 8000000.0000 SHARES DUE 11/30/2021	0.0000	0.000000	80,000.00	0.00	0.00
11/30/2021	912828U57	INTEREST EARNED ON U S TREASURY NT 2.125% 11/30/23 $1 PV ON 15000000.0000 SHARES DUE 11/30/2021	0.0000	0.000000	159,375.00	0.00	0.00
11/30/2021	9128283J7	INTEREST EARNED ON U S TREASURY NT 2.125% 11/30/24 $1 PV ON 16500000.0000 SHARES DUE 11/30/2021	0.0000	0.000000	175,312.50	0.00	0.00
11/30/2021	912828Z60	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 1.375% 1/31/22	0.0000	0.000000	-22,792.12	0.00	0.00
12/01/2021	31846V567	INTEREST EARNED ON FIRST AM GOVT OB FD CL Z UNIT ON 0.0000 SHARES DUE 11/30/2021 INTEREST FROM 11/1/21 TO 11/30/21	0.0000	0.000000	178.99	0.00	0.00
12/01/2021	31846V567	INTEREST EARNED ON FIRST AM GOVT OB FD CL Z UNIT ON 0.0000 SHARES DUE 11/30/2021 INTEREST FROM 11/1/21 TO 11/30/21	0.0000	0.000000	112.00	0.00	0.00
12/01/2021	438516CB0	INTEREST EARNED ON HONEYWELL 1.350% 6/01/25 $1 PV ON 5000000.0000 SHARES DUE 12/1/2021	0.0000	0.000000	33,750.00	0.00	0.00
12/08/2021	3130A0F70	INTEREST EARNED ON F H L B DEB 3.375% 12/08/23 $1 PV ON 10000000.0000 SHARES DUE 12/8/2021	0.0000	0.000000	168,750.00	0.00	0.00
12/08/2021	69353RFL7	INTEREST EARNED ON PNC BANK NA MTN 3.500% 6/08/23 $1 PV ON 5000000.0000 SHARES DUE 12/8/2021	0.0000	0.000000	87,500.00	0.00	0.00
12/09/2021	313383QR5	INTEREST EARNED ON F H L B DEB 3.250% 6/09/23 $1 PV ON 5000000.0000 SHARES DUE 12/9/2021	0.0000	0.000000	81,250.00	0.00	0.00
12/10/2021	78015K7H1	INTEREST EARNED ON ROYAL BANK OF MTN 1.150% 6/10/25 $1 PV ON 2500000.0000 SHARES DUE 12/10/2021	0.0000	0.000000	14,375.00	0.00	0.00
12/13/2021	912828WU0	BOOK VALUE OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 46176.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	0.00	0.00
12/13/2021	912828WU0	FED BASIS OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 46176.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	46,176.00	0.00
12/13/2021	89114QCA4	INTEREST EARNED ON TORONTO DOMINION MTN 2.650% 6/12/24 $1 PV ON 3000000.0000 SHARES DUE 12/12/2021	0.0000	0.000000	39,750.00	0.00	0.00
12/13/2021	912828WU0	PAR VALUE OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 46176.0000 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	46,176.0000	0.000000	0.00	0.00	0.00
12/13/2021	912828WU0	STATE COST OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 46176.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	0.00	0.00
12/14/2021	3130A1XJ2	INTEREST EARNED ON F H L B 2.875% 6/14/24 $1 PV ON 11110000.0000 SHARES DUE 12/14/2021	0.0000	0.000000	159,706.25	0.00	0.00
12/14/2021	912828ZX1	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 0.125% 6/30/22	0.0000	0.000000	-2,836.28	0.00	0.00
12/15/2021	31348SWZ3	INTEREST EARNED ON F H L M C #786064 2.262% 1/01/28 $1 PV ON 2.5200 SHARES DUE 12/15/2021 OCTOBER FHLMC DUE 12/15/21	0.0000	0.000000	2.52	0.00	0.00

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12/15/2021	3133TCE95	INTEREST EARNED ON F H L M C MLTCL MTG 3.794% 8/15/32 $1 PV ON 11.5200 SHARES DUE 12/15/2021 $0.00316/PV ON 3,644.10 PV DUE 12/15/21	0.0000	0.000000	11.52	0.00	0.00
12/15/2021	44934KAC8	INTEREST EARNED ON HTUNDAI AUTO REC TR 0.380% 1/15/26 $1 PV ON 1912.6700 SHARES DUE 12/15/2021 $0.00032/PV ON 6,040,000.00 PV DUE 12/15/21	0.0000	0.000000	1,912.67	0.00	0.00
12/15/2021	44891VAC5	INTEREST EARNED ON HYUNDAI AUTO LEASE 0.330% 6/17/24 $1 PV ON 4155000.0000 SHARES DUE 12/15/2021	0.0000	0.000000	1,142.63	0.00	0.00
12/15/2021	44933LAC7	INTEREST EARNED ON HYUNDAI AUTO REC 0.380% 9/15/25 $1 PV ON 665.0000 SHARES DUE 12/15/2021 $0.00032/PV ON 2,100,000.00 PV DUE 12/15/21	0.0000	0.000000	665.00	0.00	0.00
12/15/2021	44935FAD6	INTEREST EARNED ON HYUNDAI AUTO REC TR 0.740% 5/15/26 $1 PV ON 920.8900 SHARES DUE 12/15/2021 $0.00058/PV ON 1,600,000.00 PV DUE 12/15/21	0.0000	0.000000	920.89	0.00	0.00
12/15/2021	47789QAC4	INTEREST EARNED ON JOHN DEERE OWN 0.520% 3/16/26 $1 PV ON 1222.0000 SHARES DUE 12/15/2021 $0.00043/PV ON 2,820,000.00 PV DUE 12/15/21	0.0000	0.000000	1,222.00	0.00	0.00
12/15/2021	47788UAC6	INTEREST EARNED ON JOHN DEERE OWNER 0.360% 9/15/25 $1 PV ON 690.0000 SHARES DUE 12/15/2021 $0.00030/PV ON 2,300,000.00 PV DUE 12/15/21	0.0000	0.000000	690.00	0.00	0.00
12/15/2021	47787NAC3	INTEREST EARNED ON JOHN DEERE OWNER 0.510% 11/15/24 $1 PV ON 629.0000 SHARES DUE 12/15/2021 $0.00042/PV ON 1,480,000.00 PV DUE 12/15/21	0.0000	0.000000	629.00	0.00	0.00
12/15/2021	58769KAD6	INTEREST EARNED ON MERCEDES BENZ AUTO 0.400% 11/15/24 $1 PV ON 1105.0000 SHARES DUE 12/15/2021 $0.00033/PV ON 3,315,000.00 PV DUE 12/15/21	0.0000	0.000000	1,105.00	0.00	0.00
12/15/2021	58770FAC6	INTEREST EARNED ON MERCEDES BENZ AUTO 1.840% 12/15/22 $1 PV ON 1747.2700 SHARES DUE 12/15/2021 $0.00153/PV ON 1,139,526.98 PV DUE 12/15/21	0.0000	0.000000	1,747.27	0.00	0.00
12/15/2021	65479JAD5	INTEREST EARNED ON NISSAN AUTO 1.930% 7/15/24 $1 PV ON 4775.5000 SHARES DUE 12/15/2021 $0.00161/PV ON 2,969,223.77 PV DUE 12/15/21	0.0000	0.000000	4,775.50	0.00	0.00
12/15/2021	65479GAD1	INTEREST EARNED ON NISSAN AUTO 3.060% 3/15/23 $1 PV ON 1062.6100 SHARES DUE 12/15/2021 $0.00255/PV ON 416,710.87 PV DUE 12/15/21	0.0000	0.000000	1,062.61	0.00	0.00
12/15/2021	89237VAB5	INTEREST EARNED ON TOYOTA AUTO RECV 0.440% 10/15/24 $1 PV ON 1085.3300 SHARES DUE 12/15/2021 $0.00037/PV ON 2,960,000.00 PV DUE 12/15/21	0.0000	0.000000	1,085.33	0.00	0.00
12/15/2021	91282CBA8	INTEREST EARNED ON U S TREASURY NT 0.125% 12/15/23 $1 PV ON 6500000.0000 SHARES DUE 12/15/2021	0.0000	0.000000	4,062.50	0.00	0.00
12/16/2021	362554AC1	INTEREST EARNED ON GM FIN CONS AUTO 0.680% 9/16/26 $1 PV ON 1705000.0000 SHARES DUE 12/16/2021	0.0000	0.000000	966.17	0.00	0.00
12/17/2021	3135G04Z3	INTEREST EARNED ON F N M A 0.500% 6/17/25 $1 PV ON 9905000.0000 SHARES DUE 12/17/2021	0.0000	0.000000	24,762.50	0.00	0.00
12/20/2021	06051GJD2	INTEREST EARNED ON BANK AMER CORP MTN 1.319% 6/19/26 $1 PV ON 2250000.0000 SHARES DUE 12/19/2021	0.0000	0.000000	14,838.75	0.00	0.00
12/20/2021	05531FBG7	INTEREST EARNED ON BB T CORPORATION MTN 3.050% 6/20/22 $1 PV ON 2000000.0000 SHARES DUE 12/20/2021	0.0000	0.000000	30,500.00	0.00	0.00
12/20/2021	3137EAEN5	INTEREST EARNED ON F H L M C 2.750% 6/19/23 $1 PV ON 10000000.0000 SHARES DUE 12/19/2021	0.0000	0.000000	137,500.00	0.00	0.00
12/20/2021	36225CAZ9	INTEREST EARNED ON G N M A I I #080023 2.125% 12/20/26 $1 PV ON 16.2500 SHARES DUE 12/20/2021 NOVEMBER GNMA DUE 12/20/21	0.0000	0.000000	16.25	0.00	0.00

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12/20/2021	36225CC20	INTEREST EARNED ON G N M A I I #080088 2.000% 6/20/27 $1 PV ON 10.7400 SHARES DUE 12/20/2021 NOVEMBER GNMA DUE 12/20/21	0.0000	0.000000	10.74	0.00	0.00
12/20/2021	36225CNM4	INTEREST EARNED ON G N M A I I #080395 1.875% 4/20/30 $1 PV ON 5.4900 SHARES DUE 12/20/2021 NOVEMBER GNMA DUE 12/20/21	0.0000	0.000000	5.49	0.00	0.00
12/20/2021	36225CN28	INTEREST EARNED ON G N M A I I #080408 1.875% 5/20/30 $1 PV ON 47.0000 SHARES DUE 12/20/2021 NOVEMBER GNMA DUE 12/20/21	0.0000	0.000000	47.00	0.00	0.00
12/20/2021	36225DCB8	INTEREST EARNED ON G N M A I I #080965 1.625% 7/20/34 $1 PV ON 34.2200 SHARES DUE 12/20/2021 NOVEMBER GNMA DUE 12/20/21	0.0000	0.000000	34.22	0.00	0.00
12/20/2021	43813KAC6	INTEREST EARNED ON HONDA AUTO 0.370% 10/18/24 $1 PV ON 997.4600 SHARES DUE 12/18/2021 $0.00031/PV ON 3,235,000.00 PV DUE 12/18/21	0.0000	0.000000	997.46	0.00	0.00
12/20/2021	89239CAC3	INTEREST EARNED ON TOYOTA LEASE OWNER 0.420% 10/21/24 $1 PV ON 1114.7500 SHARES DUE 12/20/2021 $0.00035/PV ON 3,185,000.00 PV DUE 12/20/21	0.0000	0.000000	1,114.75	0.00	0.00
12/20/2021	89236TJK2	INTEREST EARNED ON TOYOTA MTR CR MTN 1.125% 6/18/26 $1 PV ON 7285000.0000 SHARES DUE 12/18/2021	0.0000	0.000000	40,978.13	0.00	0.00
12/21/2021	43813GAC5	INTEREST EARNED ON HONDA AUTO 0.270% 4/21/25 $1 PV ON 361.1300 SHARES DUE 12/21/2021 $0.00023/PV ON 1,605,000.00 PV DUE 12/21/21	0.0000	0.000000	361.13	0.00	0.00
12/21/2021	43815GAC3	INTEREST EARNED ON HONDA AUTO REC 0.792% 1/21/26 $1 PV ON 1511.4000 SHARES DUE 12/21/2021 $0.00066/PV ON 2,290,000.00 PV DUE 12/21/21	0.0000	0.000000	1,511.40	0.00	0.00
12/22/2021	912828ZX1	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 0.125% 6/30/22	0.0000	0.000000	-1,188.86	0.00	0.00
12/22/2021	91282CDG3	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 1.125% 10/31/26	0.0000	0.000000	-6,868.09	0.00	0.00
12/23/2021		CASH RECEIPT INCOMING WIRES WIRE RECEIVED FROM BANK OF CALIFORNIA	0.0000	0.000000	71,000,000.00	0.00	0.00
12/23/2021		CASH RECEIPT INCOMING WIRES WIRE RECEIVED FROM BANK OF CALIFORNIA	0.0000	0.000000	50,000,000.00	0.00	0.00
12/24/2021	166764AH3	INTEREST EARNED ON CHEVRON CORP 3.191% 6/24/23 $1 PV ON 3500000.0000 SHARES DUE 12/24/2021	0.0000	0.000000	55,842.50	0.00	0.00
12/27/2021	03215PFN4	INTEREST EARNED ON AMRESCO 1.06642% 6/25/29 $1 PV ON 105.7700 SHARES DUE 12/25/2021 $0.00089/PV ON 119,021.64 PV DUE 12/25/21	0.0000	0.000000	105.77	0.00	0.00
12/27/2021	09690AAC7	INTEREST EARNED ON BMW VEHICLE LEASE 0.330% 12/26/24 $1 PV ON 569.2500 SHARES DUE 12/25/2021 $0.00027/PV ON 2,070,000.00 PV DUE 12/25/21	0.0000	0.000000	569.25	0.00	0.00
12/27/2021	3137BFE98	INTEREST EARNED ON F H L B GTD REMIC 3.171% 10/25/24 $1 PV ON 13212.5000 SHARES DUE 12/25/2021 $0.00264/PV ON 5,000,000.00 PV DUE 12/25/21	0.0000	0.000000	13,212.50	0.00	0.00
12/27/2021	31394JY35	INTEREST EARNED ON F H L M C MLTCL MT 9.50001% 9/25/43 $1 PV ON 2518.1300 SHARES DUE 12/25/2021 $0.00542/PV ON 464,885.25 PV DUE 12/25/21	0.0000	0.000000	2,518.13	0.00	0.00
12/27/2021	31371NUC7	INTEREST EARNED ON F N M A #257179 4.500% 4/01/28 $1 PV ON 25.2500 SHARES DUE 12/25/2021 NOVEMBER FNMA DUE 12/25/21	0.0000	0.000000	25.25	0.00	0.00
12/27/2021	31376KT22	INTEREST EARNED ON F N M A #357969 5.000% 9/01/35 $1 PV ON 246.3900 SHARES DUE 12/25/2021 NOVEMBER FNMA DUE 12/25/21	0.0000	0.000000	246.39	0.00	0.00
12/27/2021	31403DJZ3	INTEREST EARNED ON F N M A #745580 5.000% 6/01/36 $1 PV ON 227.4800 SHARES DUE 12/25/2021 NOVEMBER FNMA DUE 12/25/21	0.0000	0.000000	227.48	0.00	0.00
12/27/2021	31403GXF4	INTEREST EARNED ON F N M A #748678 5.000% 10/01/33 $1 PV ON 3.3000 SHARES DUE 12/25/2021 NOVEMBER FNMA DUE 12/25/21	0.0000	0.000000	3.30	0.00	0.00

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10/01/21 - 12/31/21

Entry Date	CUSIP Id	Explanation	Units	Price	Net Cash Amt	Cost	Gain/Loss
12/27/2021	31406PQY8	INTEREST EARNED ON F N M A #815971 5.000% 3/01/35 $1 PV ON 337.6500 SHARES DUE 12/25/2021 NOVEMBER FNMA DUE 12/25/21	0.0000	0.000000	337.65	0.00	0.00
12/27/2021	31406XWT5	INTEREST EARNED ON F N M A #823358 2.013% 2/01/35 $1 PV ON 93.3100 SHARES DUE 12/25/2021 NOVEMBER FNMA DUE 12/25/21	0.0000	0.000000	93.31	0.00	0.00
12/27/2021	31407BXH7	INTEREST EARNED ON F N M A #826080 5.000% 7/01/35 $1 PV ON 46.1500 SHARES DUE 12/25/2021 NOVEMBER FNMA DUE 12/25/21	0.0000	0.000000	46.15	0.00	0.00
12/27/2021	31410F4V4	INTEREST EARNED ON F N M A #888336 5.000% 7/01/36 $1 PV ON 393.4700 SHARES DUE 12/25/2021 NOVEMBER FNMA DUE 12/25/21	0.0000	0.000000	393.47	0.00	0.00
12/27/2021	3138EG6F6	INTEREST EARNED ON F N M A #AL0869 4.500% 6/01/29 $1 PV ON 18.9600 SHARES DUE 12/25/2021 NOVEMBER FNMA DUE 12/25/21	0.0000	0.000000	18.96	0.00	0.00
12/27/2021	31417YAY3	INTEREST EARNED ON F N M A #MA0022 4.500% 4/01/29 $1 PV ON 32.0400 SHARES DUE 12/25/2021 NOVEMBER FNMA DUE 12/25/21	0.0000	0.000000	32.04	0.00	0.00
12/27/2021	31397QRE0	INTEREST EARNED ON F N M A GTD REMIC 2.472% 2/25/41 $1 PV ON 61.8000 SHARES DUE 12/25/2021 $0.00064/PV ON 96,063.23 PV DUE 12/25/21	0.0000	0.000000	61.80	0.00	0.00
12/27/2021	931142EK5	INTEREST EARNED ON WALMART INC 3.400% 6/26/23 $1 PV ON 3880000.0000 SHARES DUE 12/26/2021	0.0000	0.000000	65,960.00	0.00	0.00
12/27/2021	78015K7H1	PAID ACCRUED INTEREST ON PURCHASE OF ROYAL BANK OF MTN 1.150% 6/10/25	0.0000	0.000000	-814.58	0.00	0.00
12/28/2021	91282CAC5	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 0.125% 7/31/22	0.0000	0.000000	-5,095.11	0.00	0.00
12/29/2021	912828WU0	BOOK VALUE OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 51480.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	0.00	0.00
12/29/2021	31846V567	CASH RECEIPT SHORT-TERM CAPITAL GAIN DIV FIRST AM GOVT OB FD CL Z SHORT TERM CAP GAIN PAYABLE 12/29/21	0.0000	0.000000	250.08	0.00	0.00
12/29/2021	31846V567	CASH RECEIPT SHORT-TERM CAPITAL GAIN DIV FIRST AM GOVT OB FD CL Z SHORT TERM CAP GAIN PAYABLE 12/29/21	0.0000	0.000000	172.23	0.00	0.00
12/29/2021	912828WU0	FED BASIS OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 51480.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	51,480.00	0.00
12/29/2021	02665WCZ2	INTEREST EARNED ON AMERICAN HONDA MTN 2.400% 6/27/24 $1 PV ON 1219000.0000 SHARES DUE 12/29/2021	0.0000	0.000000	14,628.00	0.00	0.00
12/29/2021	747525AF0	PAID ACCRUED INTEREST ON PURCHASE OF QUALCOMM INC 3.450% 5/20/25	0.0000	0.000000	-7,475.00	0.00	0.00
12/29/2021	91282CCX7	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 0.375% 9/15/24	0.0000	0.000000	-8,157.80	0.00	0.00
12/29/2021	91282CDG3	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 1.125% 10/31/26	0.0000	0.000000	-13,751.73	0.00	0.00
12/29/2021	912828WU0	PAR VALUE OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 51480.0000 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	51,480.0000	0.000000	0.00	0.00	0.00
12/29/2021	912828WU0	STATE COST OF U S TREASURY I P S 0.125% 7/15/24 ADJUSTED BY 51480.00 UNITS INCREASE TO ADJUST FOR CHANGE IN CPI	0.0000	0.000000	0.00	0.00	0.00
12/30/2021	91282CAC5	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 0.125% 7/31/22	0.0000	0.000000	-2,581.52	0.00	0.00
12/30/2021	91282CAC5	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 0.125% 7/31/22	0.0000	0.000000	-2,581.52	0.00	0.00
12/30/2021	91282CAC5	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 0.125% 7/31/22	0.0000	0.000000	-2,581.52	0.00	0.00

U.S. Bank
Transaction History
10/01/21 - 12/31/21

Entry Date	CUSIP Id	Explanation	Units	Price	Net Cash Amt	Cost	Gain/Loss
12/31/2021	912828ZX1	INTEREST EARNED ON U S TREASURY NT 0.125% 6/30/22 $1 PV ON 7000000.0000 SHARES DUE 12/31/2021	0.0000	0.000000	4,375.00	0.00	0.00
12/31/2021	91282CBC4	INTEREST EARNED ON U S TREASURY NT 0.375% 12/31/25 $1 PV ON 10000000.0000 SHARES DUE 12/31/2021	0.0000	0.000000	18,750.00	0.00	0.00
12/31/2021	912828XX3	INTEREST EARNED ON U S TREASURY NT 2.000% 6/30/24 $1 PV ON 5000000.0000 SHARES DUE 12/31/2021	0.0000	0.000000	50,000.00	0.00	0.00
12/31/2021	912828N30	INTEREST EARNED ON U S TREASURY NT 2.125% 12/31/22 $1 PV ON 5000000.0000 SHARES DUE 12/31/2021	0.0000	0.000000	53,125.00	0.00	0.00
12/31/2021	91282CAC5	PAID ACCRUED INTEREST ON PURCHASE OF U S TREASURY NT 0.125% 7/31/22	0.0000	0.000000	-2,598.51	0.00	0.00
TOTAL OTHER TRANSACTIONS			**-6,844,208.0000**		**170,563,736.70**	**-6,844,206.72**	**0.00**

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Callan

December 31, 2021

Orange County Sanitation District

Investment Measurement Service
Quarterly Review

Orange County Sanitation District
Executive Summary for Period Ending December 31, 2021

Asset Allocation

	December 31, 2021 Market Value	Weight	Net New Inv.	Inv. Return	September 30, 2021 Market Value	Weight
Domestic Fixed Income						
Long Term Operating Fund*	742,070,123	76.27%	60,000,000	(4,451,555)	686,521,678	84.09%
Liquid Operating Monies*	230,861,976	23.73%	101,000,000	2,827	129,859,149	15.91%
Total Fund	**$972,932,098**	**100.0%**	**$161,000,000**	**$(4,448,728)**	**$816,380,826**	**100.0%**

Performance

	Last Quarter	Last Year	Last 3 Years	Last 5 Years	Last 7 Years
Domestic Fixed Income					
Long Term Operating Fund^	(0.64%)	(0.79%)	2.74%	2.20%	1.92%
Chandler	(0.64%)	(0.79%)	2.74%	2.20%	1.92%
Blmbg Govt/Cred 1-5 Year Idx	(0.72%)	(0.97%)	2.88%	2.25%	1.97%
ML 1-5 Govt/Corp	(0.69%)	(0.87%)	2.92%	2.28%	2.01%
Liquid Operating Monies^	(0.00%)	0.15%	1.12%	1.23%	0.98%
Chandler	(0.00%)	0.15%	1.12%	1.23%	0.98%
Citigroup 3-Month Treasury Bill	0.01%	0.05%	0.96%	1.11%	0.84%
Total Fund	**(0.51%)**	**(0.61%)**	**2.44%**	**2.01%**	**1.71%**
Target*	(0.55%)	(0.68%)	2.52%	2.05%	1.78%

* Current Quarter Target = 80.0% ML 1-5 Govt/Corp and 20.0% FTSE 3mo T-Bills.
^Assets were transferred in kind to Chandler on 12/1/2014. Previous performance reflects PIMCO.

Recent Developments

— During the quarter, $101 million was contributed to the Liquid Operating Monies and $60 million was contributed to the Long Term Operating Fund for a total contribution of $161 million.

Organizational Issues

— N/A

Fixed Income Market Snapshot

— U.S. fixed income returns were literally flat in 4Q (0.0%) and the Bloomberg Aggregate posted an unusual negative result for the calendar year (-1.5%), for only the fourth time since the inception of the Index in 1976. Spread sectors underperformed in 4Q but outperformed for the year. The 10-year U.S. Treasury yield closed the year at 1.52%, up from 0.93% on 12/31/20 but flat over the course of the quarter. TIPS sharply outperformed the Aggregate for the quarter and the year (Bloomberg US TIPS Index: +2.4%; +6.0%) as expectations for inflation rose. The 10-year breakeven spread, which reflects inflation expectations over the next 10 years, was 2.56% as of year-end. The yield-to-worst for the Aggregate Index ended the year at 1.75%. High yield corporates were top performers for the quarter and the year (Bloomberg US HY: +0.7%; +5.3%) and the yield-to-worst for this Index was 4.21% as of year-end. Real yields, it goes without saying, are negative for the Aggregate and High Yield indices given the recent surge in inflation. Leveraged loans (S&P LSTA Lev Loan: +0.6%; +5.2%) also did relatively well. Municipals (Bloomberg Municipal Bond Index: +0.7%; +1.5%) outperformed Treasuries for the quarter and the year, boosted by robust demand. In general, lower-quality securities outperformed in 2021 across the fixed income spectrum.

Manager Performance

— The Long Term Operating Fund incurred a loss of 0.64% in the fourth quarter, which marginally outpaced the 0.69% loss of the ICE Govt/Cred 1-5 Year Index. Over the trailing one-year period, the Long Term Operating Fund declined 0.79%, which outpaced the benchmark return of -0.87%. The Fund ranked in the bottom decile among Callan's Short Term Fixed Income peer group in the fourth quarter and over the trailing year. The Fund's longer term rankings are mixed.

— Absolute performance of The Long Term Operating Fund was hindered by rising rates for intermediate maturities and widening credit spreads. However, credit selection was a positive contributor to relative performance, as was an out-of-benchmark exposure to the front end of the yield curve. The portfolio's allocation to Treasuries increased by 3.1%, while Agencies declined 2.8%. The portfolio duration declined to 2.37 years. The portfolio had less than 30% invested in credit (23%) and less than the permitted 20% invested in the combination of asset-backed securities (6%), commercial mortgage backed securities (0%), and CMOs (1%) as of December 31, 2021 (see page 20).

— The Liquid Operating Portfolio declined by four basis points (after fees) in the fourth quarter, trailing the Citigroup 3-Month Treasury Bill Index's return of 0.01%. Over the trailing year, the fund was flat at 0.00%, which trailed the benchmark by five basis points.

Cordially,

Alex Ford
Vice President

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Capital Market Review

U.S. EQUITY

Returns grind higher despite mounting concerns

- S&P 500 posted a strong 11.0% gain in 4Q21; large cap growth (Russell 1000 Growth) was the top performer, which contrasted with the worst-performing asset class, small cap growth (Russell 2000 Growth).
- The new Omicron variant, continued supply chain disruptions, and renewed fears of persistent inflation pushed investors into the perceived safety of the largest stocks.
- S&P 500 sector results were mixed, with Real Estate (+17.5%) posting the top returns alongside Technology (+16.7%) and Materials (+15.2%); Communication Services (0.0%) and Financials (+4.6%) lagged broad returns.
- In 2021, small value outperformed small growth by over 2,500 bps (Russell 2000 Value: 28.3% vs. Russell 2000 Growth: 2.8%), a stark reversal from 2020 and a pattern consistent with periods of robust GDP growth.

Index concentration driving positive returns…

- The 10 largest stocks in the S&P 500 comprised 30.5% of the index but accounted for 65% of the 2021 return.
- During 4Q21, top 10 weights accounted for ~40% of return.

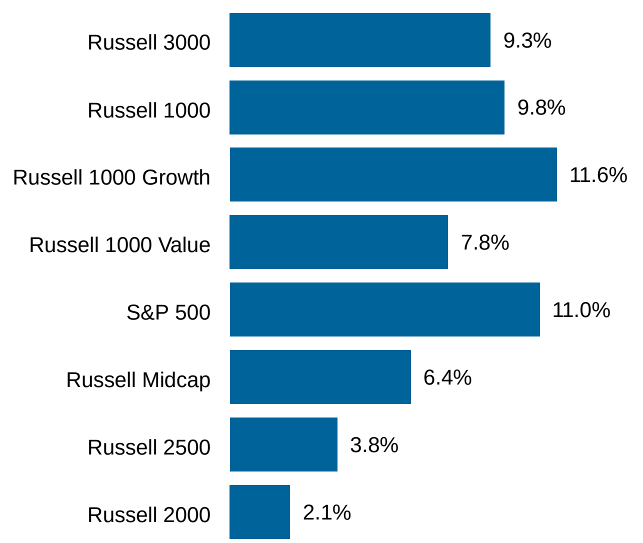
…but this may be hiding underlying weakness

- Nearly 10% of Russell 3000 stocks fell by 35% or more in 2021, which is unusual for a year when market returns were in excess of 25%.

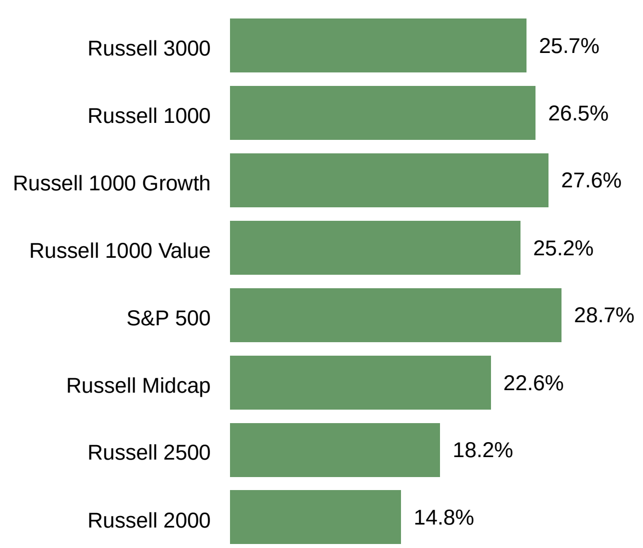
Market capitalization, style driving divergence in returns

- Mega-cap growth (Russell Top 200 Growth) was the strongest performer in both 4Q21 and 2021.
- Growth style returns highly correlated with market capitalization in both 4Q21 and 2021 (higher market capitalization = high return).
- Within micro-, small-, and smid-cap growth, Health Care (especially biotech/pharma) was biggest detractor to returns.
- Value returns correlated with market capitalization in 4Q21; for 2021, value returns did not experience much divergence.

U.S. Equity: Quarterly Returns

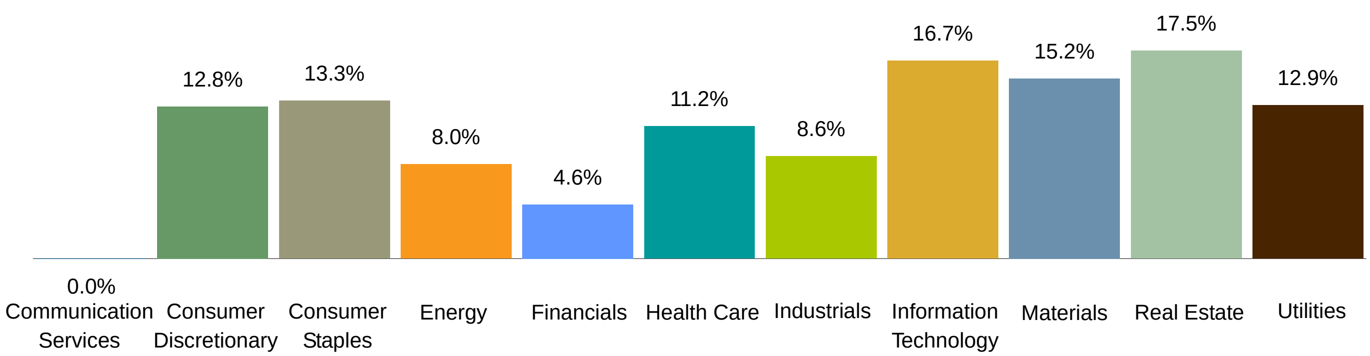


U.S. Equity: One-Year Returns



Sources: FTSE Russell, S&P Dow Jones Indices

S&P Sector Returns, Quarter Ended 12/31/21



Source: S&P Dow Jones Indices

GLOBAL EQUITY

Omicron takes center stage

- A recovery-driven market shifted back to COVID favorites, boosting Information Technology stocks.
- Small cap underperformed large amid global growth concerns.
- Emerging markets struggled relative to developed markets as China experienced significant pressure from an economic slowdown and its regulatory crackdown.

Stalled recovery

- As the new variant took hold, Energy and Communication Services lagged on fear of restrained growth.
- Japan suffered from both supply chain issues and economic constraints from COVID-19.
- Growth and momentum factors outperformed in developed markets but not in emerging markets.

U.S. dollar vs. other currencies

- The U.S. dollar rose against other major currencies as tapering accelerated alongside the expectation for 2022 rate hikes, which notably detracted from global ex-U.S. results.

Growth vs. value

- Inflationary pressures and the ultimate rebound from COVID-19 supported value's leadership for the full year, despite the shift to growth in 4Q21.

Regulation has spooked Chinese market

- Although regulation is not new in China, the duration, scope, and intensity of the current regime are unprecedented.
- Regulations have been centered on antitrust, financial markets, data/national security, and social welfare to enhance sustainability of its economy.
- Regulatory uncertainty should subside as China focuses on implementation.

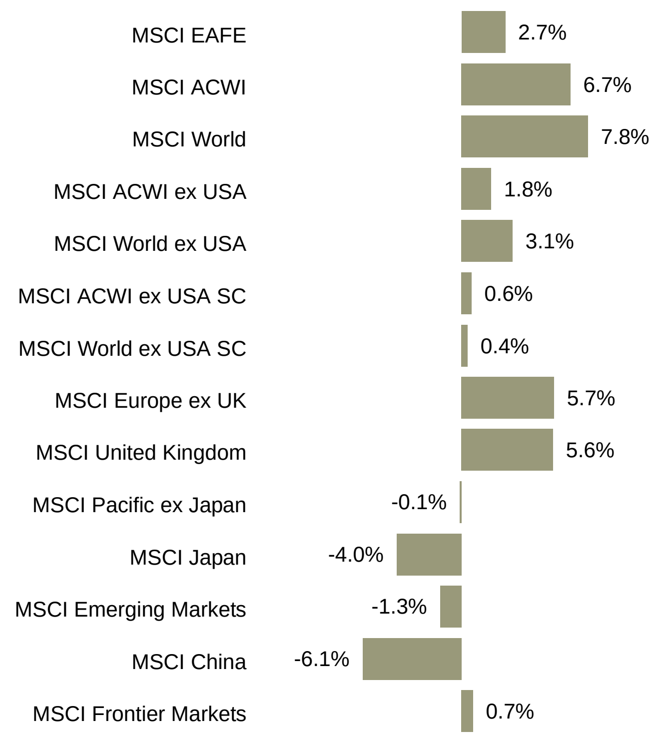
Inflation is expected to normalize in a few years

- Forecasted year-over-year core CPI is expected to reach its peak between 1Q22 and 2Q22.
- Inflationary environment by and large has shifted central banks to contractionary policy.

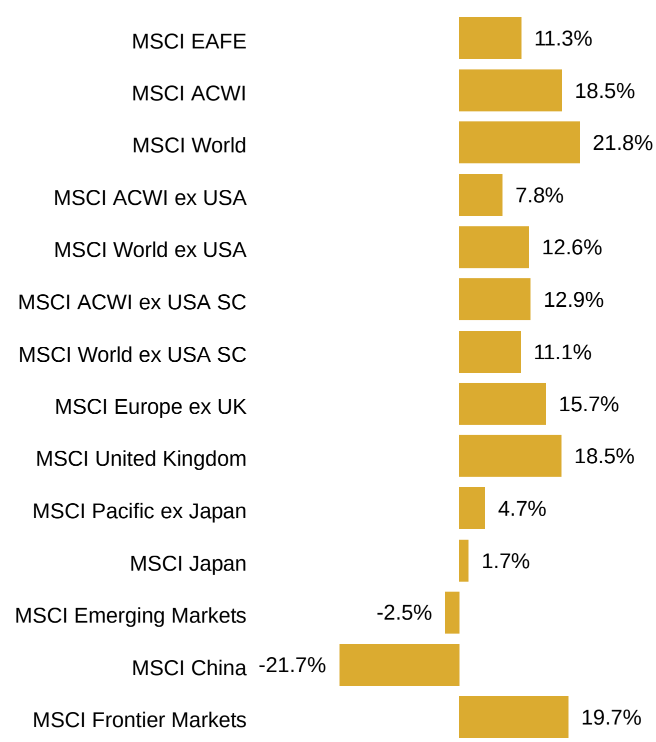
Rise in inflation expectations tends to stoke value

- Correlation between cyclical sectors and inflation/interest rate expectations generally has been positive.
- Growth relative to value is more vulnerable as interest rates normalize.
- Global recovery from COVID and deficit in Energy should support value.

Global Equity: Quarterly Returns



Global Equity: One-Year Returns



Source: MSCI

U.S. FIXED INCOME

Treasury yields again unchanged

- 10-year at 1.52% at 9/30 and 12/31, up slightly from 1.45% on 6/30.
- TIPS outperformed nominal Treasuries and 10-year breakeven spreads widened to 2.56%.
- Real yields remain solidly in negative territory.

Bloomberg Aggregate was flat, literally

- Spread sectors (Agencies, ABS, CMBS, MBS, and Credit) all underperformed UST by a modest amount (but positive YTD).
- Yield curve flattened; curve positioning had a meaningful impact on returns in 4Q.

High yield and leveraged performed relatively well

- Spreads remain near historic tights.
- High yield issuers' default rate declined to a record low in December (J.P. Morgan).
- New issuance hit a record for the second year in a row as issuers looked to finance at relatively low rates.

Munis outperformed Treasuries

- Lower-quality bonds continued their trend of outperformance as investors sought yield.

Inflation is being felt, indicated by several measures

- Annual CPI jumped to 7.0% in December—its eighth consecutive reading above 5% and the largest 12-month increase since the period ending June 1982.
- Increases for shelter and for used cars/trucks were the largest contributors to the seasonally adjusted all-items increase.
- Even service inflation, which had declined initially, has since recovered and is on an upward trend.

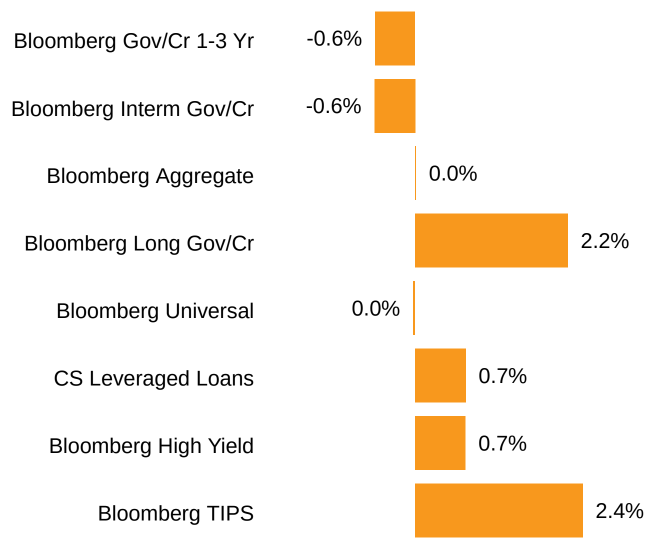
Fed has turned more hawkish than expected

- Fed announced a doubling of the pace of tapering and an upward revision to the anticipated path of rate hikes.
- FOMC participants now expect three rate hikes in 2022 to bring the targeted range to 0.75%-1.0% by year-end.

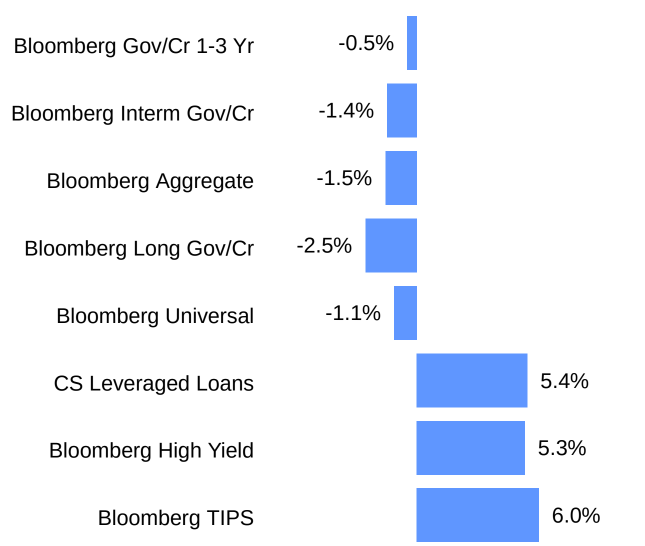
Spreads have returned to tights

- Fundamentals remain strong and default expectations low.
- Revenue, profits, and free cash flow at or near cycle highs.
- Gross and net leverage trending lower while interest coverage trends higher.

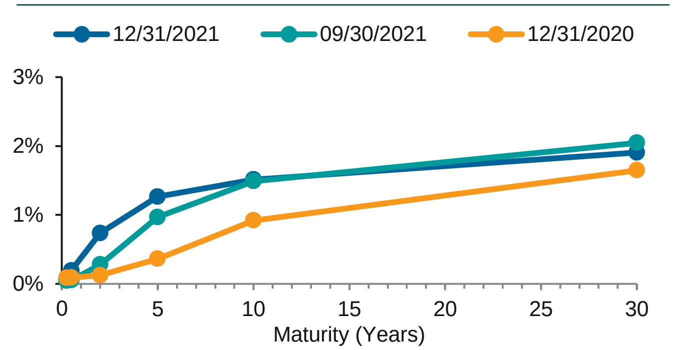
U.S. Fixed Income: Quarterly Returns



U.S. Fixed Income: One-Year Returns



U.S. Treasury Yield Curves



Sources: Bloomberg, Credit Suisse

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GLOBAL FIXED INCOME

Global fixed income flat on a hedged basis

- Returns were muted and U.S. dollar strength eroded returns for unhedged U.S. investors in both 4Q and 2021.
- Yen was a notable underperformer in developed markets, falling 10% for the year.

Emerging market debt posted negative returns

- Emerging market debt indices underperformed most other fixed income sectors in 2021.
- Currencies fared the worst vs. the U.S. dollar; the Turkish lira sank 44% on spiking inflation.

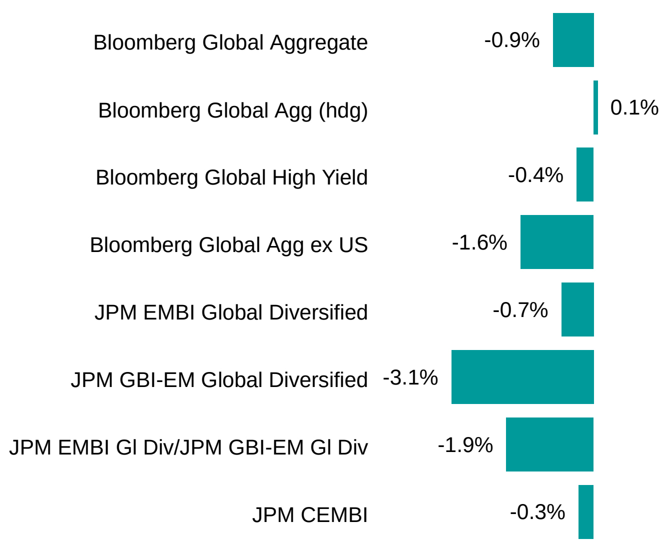
Global outlook may shift lower with regional variance

- Moderating and differentiated outlook for various regions reflects certain DM and EM economies shifting to tightening balanced by others managing legacy issues.

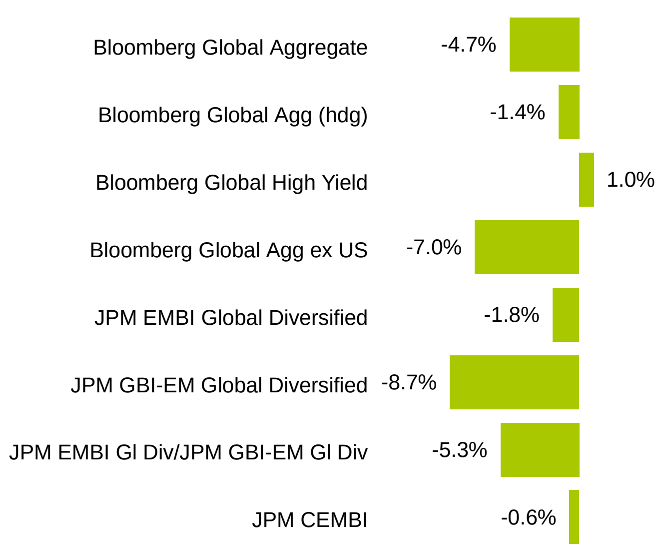
Central bank policy is mixed

- The U.K. has led the way with interest rate hikes as the BOE expects inflation to peak in April 2022.
- Europe and Japan continue to have below-target inflation and are expected to maintain relatively accommodating monetary policy.
- EM central banks, having moved early to battle inflation, may be moving to a more late-cycle posture.

Global Fixed Income: Quarterly Returns

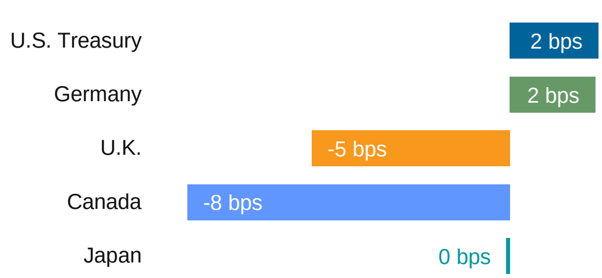


Global Fixed Income: One-Year Returns



Change in 10-Year Global Government Bond Yields

3Q21 to 4Q21



Sources: Bloomberg, JP Morgan

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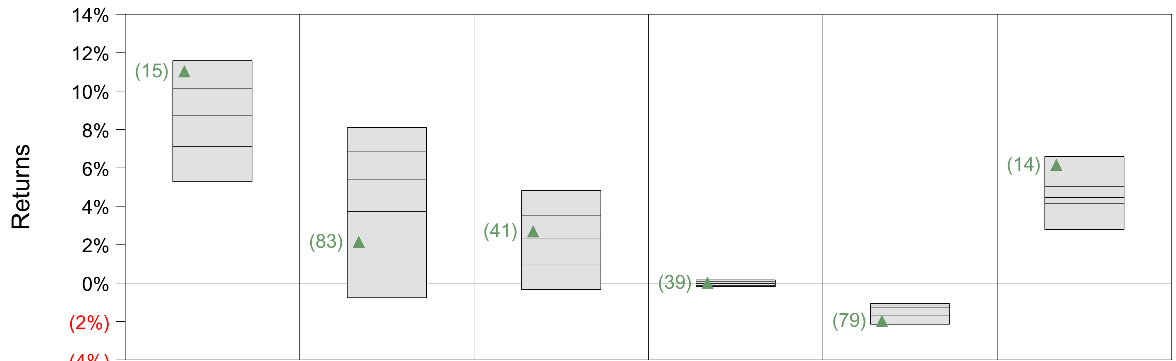
Active Management Overview

Market Overview
Active Management vs Index Returns

Market Overview

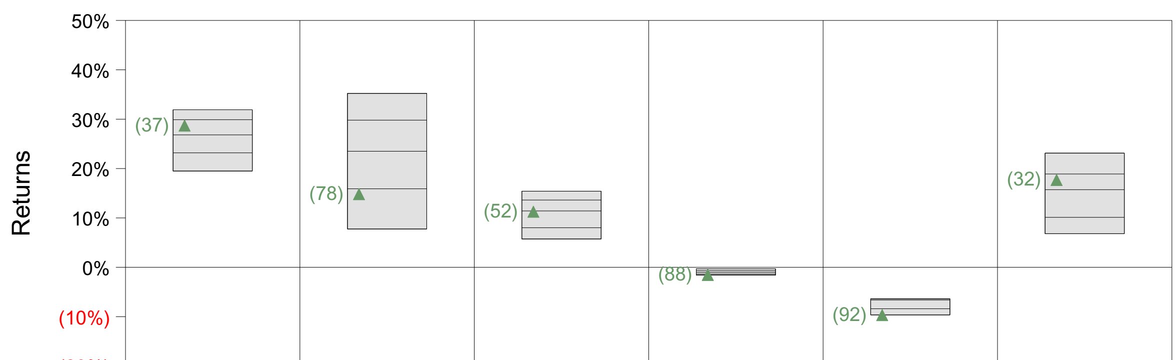
The charts below illustrate the range of returns across managers in Callan's Separate Account database over the most recent one quarter and one year time periods. The database is broken down by asset class to illustrate the difference in returns across those asset classes. An appropriate index is also shown for each asset class for comparison purposes. As an example, the first bar in the upper chart illustrates the range of returns for domestic equity managers over the last quarter. The triangle represents the S&P 500 return. The number next to the triangle represents the ranking of the S&P 500 in the Large Cap Equity manager database.

Range of Separate Account Manager Returns by Asset Class
One Quarter Ended December 31, 2021



	Large Cap Equity vs S&P 500	Small Cap Equity vs Russell 2000	Non-US Equity vs MSCI EAFE	Domestic Fixed Income vs Blmbg Aggr Bd	Non-US Fixed Income vs Citi Non-US Govt	Real Estate vs NCREIF Index
10th Percentile	11.58	8.10	4.82	0.17	(1.07)	6.59
25th Percentile	10.12	6.87	3.51	0.07	(1.19)	5.02
Median	8.74	5.38	2.30	(0.03)	(1.29)	4.46
75th Percentile	7.11	3.73	0.99	(0.12)	(1.71)	4.14
90th Percentile	5.28	(0.77)	(0.33)	(0.18)	(2.14)	2.79
Index ▲	11.03	2.14	2.69	0.01	(1.98)	6.15

Range of Separate Account Manager Returns by Asset Class
One Year Ended December 31, 2021

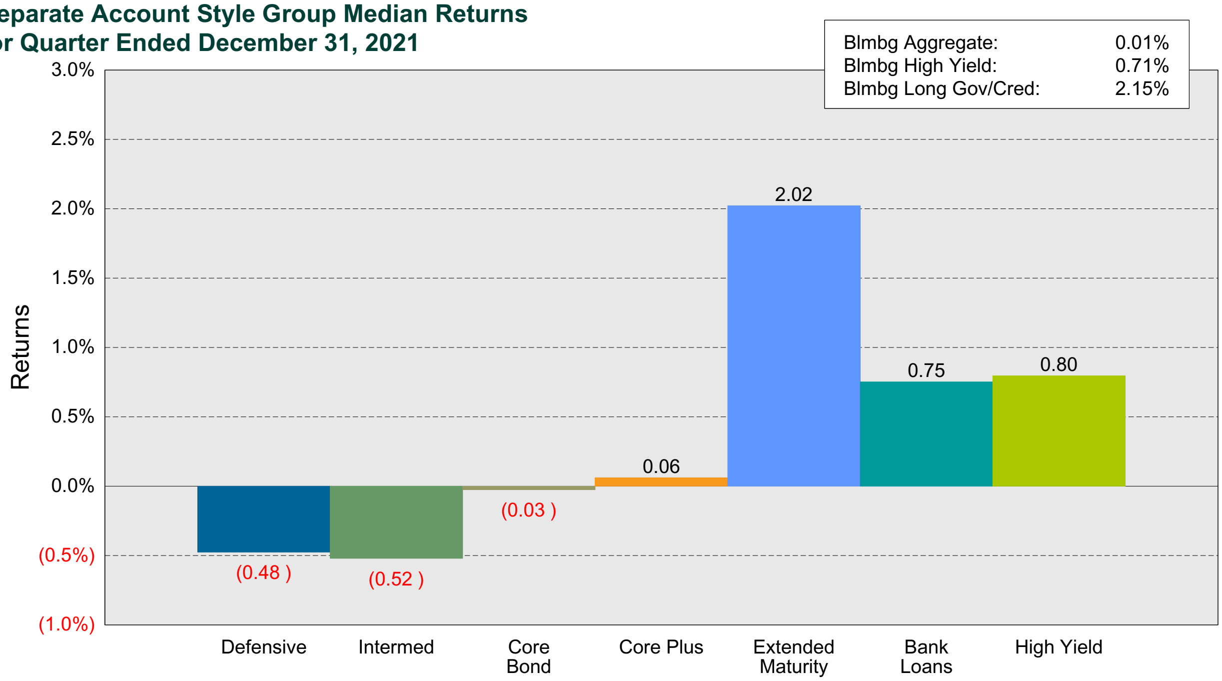


	Large Cap Equity vs S&P 500	Small Cap Equity vs Russell 2000	Non-US Equity vs MSCI EAFE	Domestic Fixed Income vs Blmbg Aggr Bd	Non-US Fixed Income vs Citi Non-US Govt	Real Estate vs NCREIF Index
10th Percentile	31.91	35.22	15.41	(0.30)	(6.36)	23.13
25th Percentile	29.90	29.81	13.62	(0.70)	(6.42)	18.90
Median	26.82	23.50	11.41	(1.04)	(6.63)	15.72
75th Percentile	23.19	15.90	8.02	(1.39)	(8.40)	10.12
90th Percentile	19.50	7.75	5.74	(1.59)	(9.65)	6.80
Index ▲	28.71	14.82	11.26	(1.54)	(9.68)	17.70

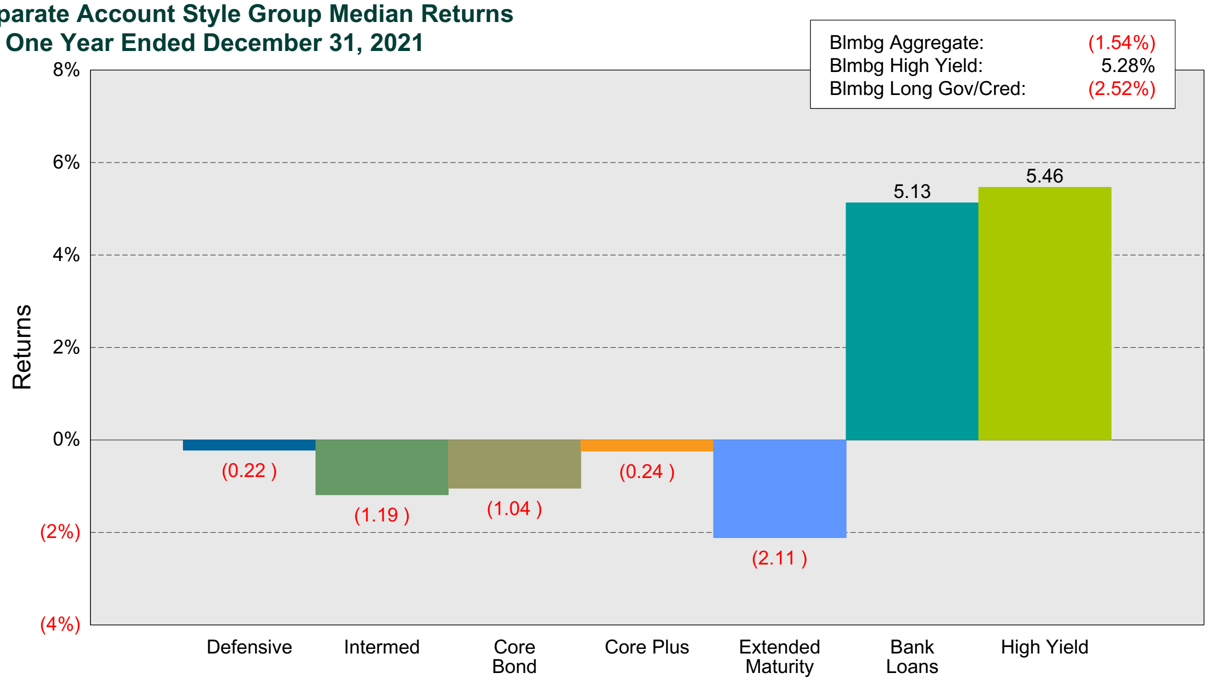
Domestic Fixed Income
Active Management Overview

U.S. fixed income returns were literally flat in 4Q (0.0%) and the Bloomberg Aggregate posted an unusual negative result for the calendar year (-1.5%), for only the fourth time since the inception of the Index in 1976. Spread sectors underperformed in 4Q but outperformed for the year. The 10-year U.S. Treasury yield closed the year at 1.52%, up from 0.93% on 12/31/20 but flat over the course of the quarter. TIPS sharply outperformed the Aggregate for the quarter and the year (Bloomberg US TIPS Index: +2.4%; +6.0%) as expectations for inflation rose. High yield corporates were top performers for the quarter and the year (Bloomberg US HY: +0.7%; +5.3%) and the yield-to-worst for this Index was 4.21% as of year-end. Leveraged loans (S&P LSTA Lev Loan: +0.6%; +5.2%) also did relatively well.^L

Separate Account Style Group Median Returns for Quarter Ended December 31, 2021



Separate Account Style Group Median Returns for One Year Ended December 31, 2021



Asset Allocation

Investment Manager Asset Allocation

The table below contrasts the distribution of assets across the Fund's investment managers as of December 31, 2021, with the distribution as of September 30, 2021. The change in asset distribution is broken down into the dollar change due to Net New Investment and the dollar change due to Investment Return.

Asset Distribution Across Investment Managers

	December 31, 2021				September 30, 2021	
	Market Value	Weight	Net New Inv.	Inv. Return	Market Value	Weight
Domestic Fixed Income						
Long Term Operating Fund*	742,070,123	76.27%	60,000,000	(4,451,555)	686,521,678	84.09%
Liquid Operating Monies*	230,861,976	23.73%	101,000,000	2,827	129,859,149	15.91%
Total Fund	**$972,932,098**	**100.0%**	**$161,000,000**	**$(4,448,728)**	**$816,380,826**	**100.0%**

*Chandler replaced PIMCO during the 4th quarter of 2014. Assets were transferred in-kind as of 12/01/2014.

Investment Manager Returns

The table below details the rates of return for the Fund's investment managers over various time periods ended December 31, 2021. Negative returns are shown in red, positive returns in black. Returns for one year or greater are annualized. The first set of returns for each asset class represents the composite returns for all the fund's accounts for that asset class.

Returns for Periods Ended December 31, 2021

	Last Quarter	Last Year	Last 3 Years	Last 5 Years	Last 7 Years
Domestic Fixed Income					
Long Term Operating Fund^	(0.64%)	(0.79%)	2.74%	2.20%	1.92%
Chandler	(0.64%)	(0.79%)	2.74%	2.20%	1.92%
Blmbg Govt/Cred 1-5 Year Idx	(0.72%)	(0.97%)	2.88%	2.25%	1.97%
ML 1-5 Govt/Corp	(0.69%)	(0.87%)	2.92%	2.28%	2.01%
Liquid Operating Monies^	(0.00%)	0.15%	1.12%	1.23%	0.98%
Chandler	(0.00%)	0.15%	1.12%	1.23%	0.98%
Citigroup 3-Month Treasury Bill	0.01%	0.05%	0.96%	1.11%	0.84%
Total Fund	**(0.51%)**	**(0.61%)**	**2.44%**	**2.01%**	**1.71%**
Target*	(0.55%)	(0.68%)	2.52%	2.05%	1.78%

* Current Quarter Target = 80.0% ICE Corp/Gov 1-5 Yr and 20.0% FTSE 3 Mo T-Bill.
^Assets were transferred in kind to Chandler on 12/1/2014. Previous performance reflects PIMCO.

Investment Manager Returns

The table below details the rates of return for the Fund's investment managers over various time periods ended December 31, 2021. Negative returns are shown in red, positive returns in black. Returns for one year or greater are annualized. The first set of returns for each asset class represents the composite returns for all the fund's accounts for that asset class.

Returns for Periods Ended December 31, 2021

	Last 10 Years	Last 15 Years	Last 26-1/4 Years
Domestic Fixed Income			
Long Term Operating Fund^	1.66%	2.90%	4.04%
Blmbg Govt/Cred 1-5 Year Idx	1.77%	2.78%	3.89%
ML 1-5 Govt/Corp	1.84%	2.82%	3.92%
Liquid Operating Monies^	0.72%	1.06%	2.41%
Citigroup 3-Month Treasury Bill	0.60%	0.85%	2.13%
Total Fund	**1.49%**	**2.54%**	**3.78%**
Target*	1.59%	2.42%	3.56%

* Current Quarter Target = 80.0% ICE Corp/Gov 1-5 Yr and 20.0% FTSE 3 Mo T-Bill.
^Assets were transferred in kind to Chandler on 12/1/2014. Previous performance reflects PIMCO.

Investment Manager Returns

The table below details the rates of return for the Fund's investment managers over various time periods. Negative returns are shown in red, positive returns in black. Returns for one year or greater are annualized. The first set of returns for each asset class represents the composite returns for all the fund's accounts for that asset class.

	2021	2020	2019	2018	2017
Domestic Fixed Income					
Long Term Operating Fund^	(0.79%)	4.42%	4.70%	1.60%	1.18%
Chandler	(0.79%)	4.42%	4.70%	1.60%	1.18%
Blmbg Govt/Cred 1-5 Year Idx	(0.97%)	4.71%	5.01%	1.38%	1.27%
ML 1-5 Govt/Corp	(0.87%)	4.65%	5.08%	1.40%	1.28%
Liquid Operating Monies^	0.15%	0.84%	2.39%	1.90%	0.91%
Chandler	0.15%	0.84%	2.39%	1.90%	0.91%
Citigroup 3-Month Treasury Bill	0.05%	0.58%	2.25%	1.86%	0.84%
Total Fund	**(0.61%)**	**3.73%**	**4.26%**	**1.72%**	**1.02%**
Target*	(0.68%)	3.82%	4.51%	1.49%	1.19%

* Current Quarter Target = 80.0% ICE Corp/Gov 1-5 Yr and 20.0% FTSE 3 Mo T-Bill.
^Assets were transferred in kind to Chandler on 12/1/2014. Previous performance reflects PIMCO.

Investment Manager Returns

The table below details the rates of return for the Fund’s investment managers over various time periods. Negative returns are shown in red, positive returns in black. Returns for one year or greater are annualized. The first set of returns for each asset class represents the composite returns for all the fund’s accounts for that asset class.

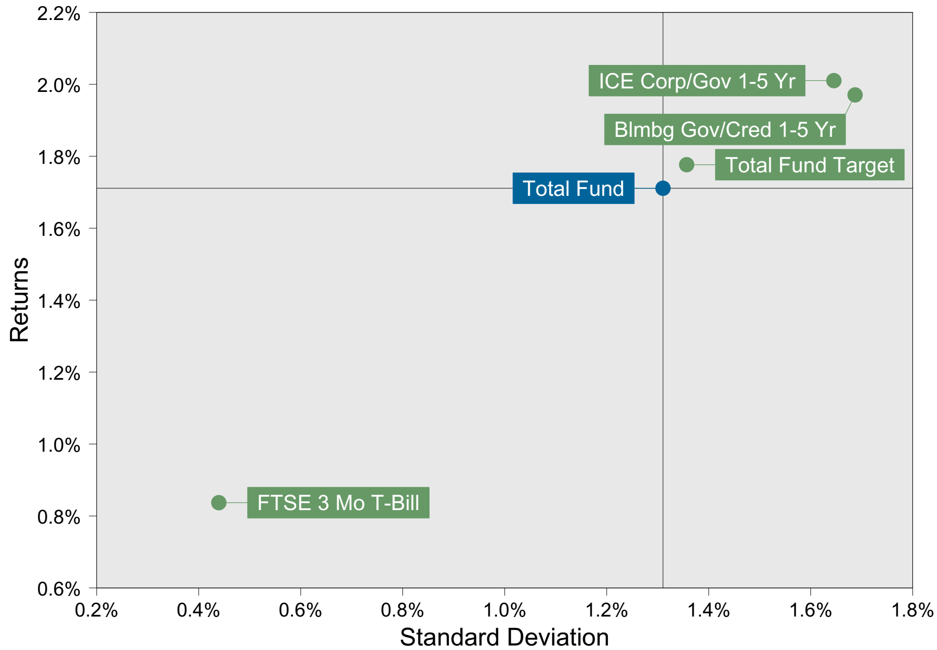
	2016	2015	2014	2013	2012
Domestic Fixed Income					
Long Term Operating Fund^	1.58%	0.85%	1.98%	(1.77%)	3.06%
Blmbg Govt/Cred 1-5 Year Idx	1.56%	0.97%	1.42%	0.28%	2.24%
ML 1-5 Govt/Corp	1.62%	1.05%	1.51%	0.32%	2.47%
Liquid Operating Monies^	0.47%	0.22%	0.09%	0.13%	0.17%
Citigroup 3-Month Treasury Bill	0.27%	0.03%	0.03%	0.05%	0.07%
Total Fund	**1.15%**	**0.80%**	**1.73%**	**(1.49%)**	**2.70%**
Target*	1.35%	0.85%	1.21%	0.26%	1.99%

* Current Quarter Target = 80.0% ICE Corp/Gov 1-5 Yr and 20.0% FTSE 3 Mo T-Bill.
^Assets were transferred in kind to Chandler on 12/1/2014. Previous performance reflects PIMCO.

Asset Class Risk and Return

The charts below show the seven year annualized risk and return for each asset class component of the Total Fund. The first graph contrasts these values with those of the appropriate index for each asset class. The second chart contrasts them with the risk and return of the median portfolio in each of the appropriate CAI comparative databases. In each case, the crosshairs on the chart represent the return and risk of the Total Fund.

Seven Year Annualized Risk vs Return
Asset Classes vs Benchmark Indices



Seven Year Annualized Risk vs Return
Asset Classes vs Asset Class Median

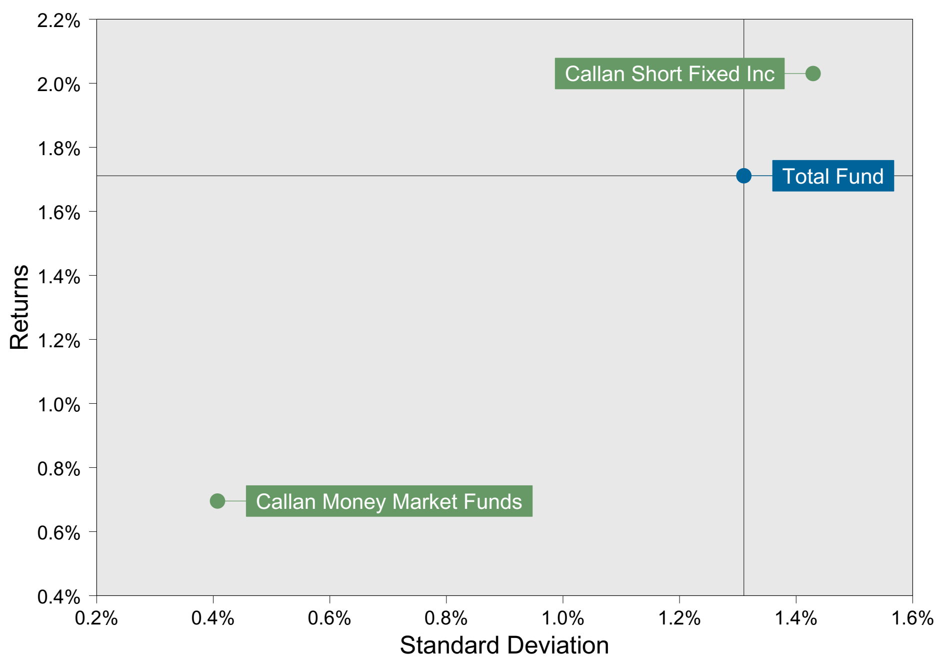


Table of Contents

Manager Analysis

Long Term Operating Fund
Period Ended December 31, 2021

Investment Philosophy

Chandler Asset Management's Short Term Bond strategy is driven by quantitative models and focuses on active duration management, sector selection and term structure. The strategy seeks to achieve consistent above-benchmark returns with low volatility relative to the style's performance benchmark. The firm has a unique focus on high quality fixed income management, and places risk control as a higher objective than return. Assets were transferred in kind to Chandler on 12/1/2014. Previous performance reflects PIMCO.

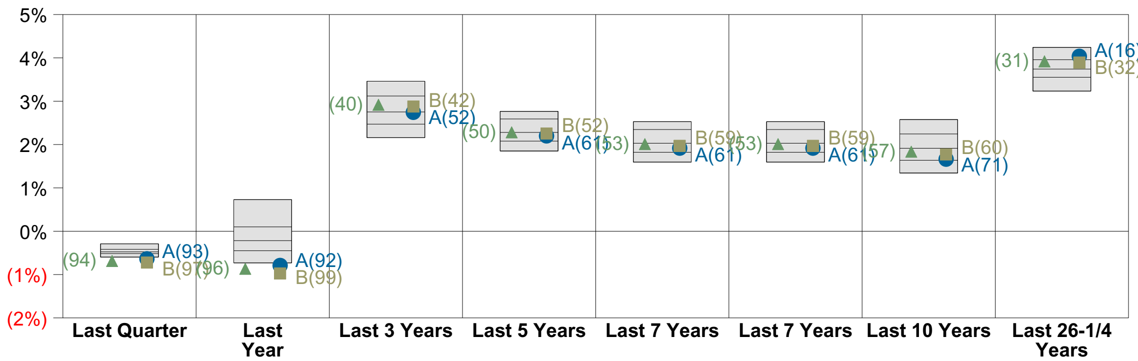
Quarterly Summary and Highlights

- Long Term Operating Fund's portfolio posted a (0.64)% return for the quarter placing it in the 93 percentile of the Callan Short Term Fixed Income group for the quarter and in the 92 percentile for the last year.
- Long Term Operating Fund's portfolio outperformed the ICE Corp/Gov 1-5 Yr by 0.05% for the quarter and outperformed the ICE Corp/Gov 1-5 Yr for the year by 0.08%.

Quarterly Asset Growth

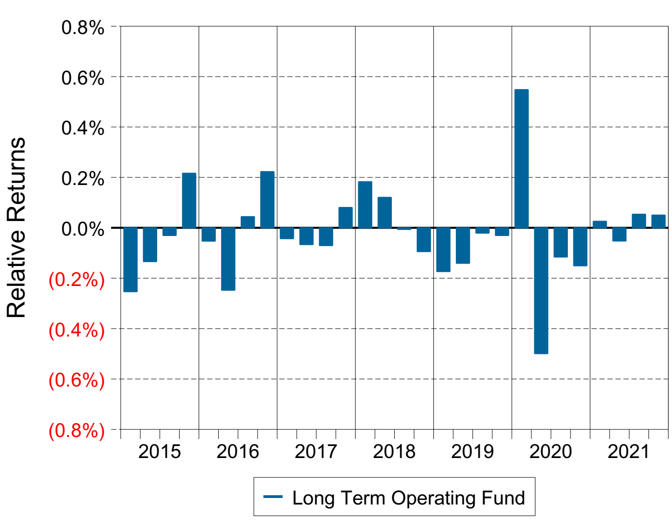
Beginning Market Value	$686,521,678
Net New Investment	$60,000,000
Investment Gains/(Losses)	$-4,451,555
Ending Market Value	$742,070,123

Performance vs Callan Short Term Fixed Income (Gross)

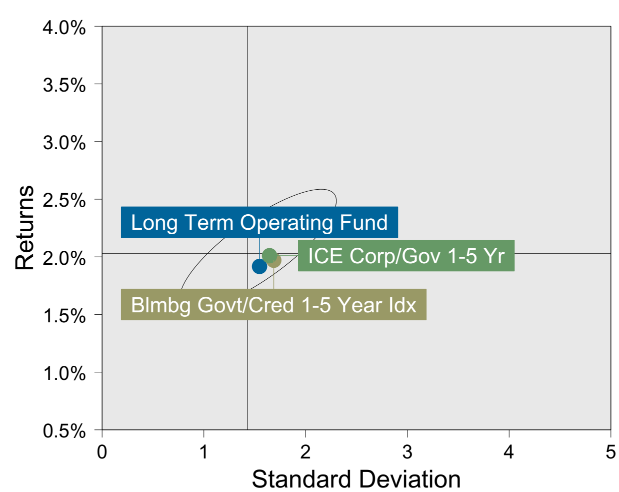


		Last Quarter	Last Year	Last 3 Years	Last 5 Years	Last 7 Years	Last 7 Years	Last 10 Years	Last 26-1/4 Years
10th Percentile		(0.29)	0.73	3.46	2.77	2.53	2.53	2.58	4.24
25th Percentile		(0.42)	0.10	3.12	2.59	2.35	2.35	2.24	3.96
Median		(0.48)	(0.22)	2.75	2.28	2.03	2.03	1.91	3.74
75th Percentile		(0.52)	(0.45)	2.47	2.08	1.82	1.82	1.64	3.55
90th Percentile		(0.60)	(0.73)	2.16	1.85	1.59	1.59	1.34	3.23
Long Term Operating Fund	● A	(0.64)	(0.79)	2.74	2.20	1.92	1.92	1.66	4.04
Blmbg Govt/Cred 1-5 Year Idx	■ B	(0.72)	(0.97)	2.88	2.25	1.97	1.97	1.77	3.89
ICE Corp/Gov 1-5 Yr	▲	(0.69)	(0.87)	2.92	2.28	2.01	2.01	1.84	3.92

Relative Return vs ICE Corp/Gov 1-5 Yr



Callan Short Term Fixed Income (Gross)
Annualized Seven Year Risk vs Return



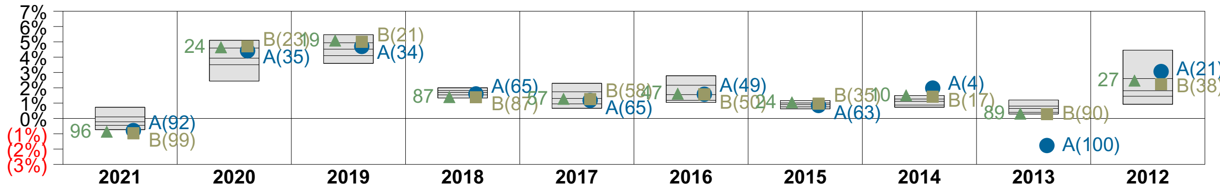
Long Term Operating Fund
Return Analysis Summary

Return Analysis

The graphs below analyze the manager's return on both a risk-adjusted and unadjusted basis. The first chart illustrates the manager's ranking over different periods versus the appropriate style group. The second chart shows the historical quarterly and cumulative manager returns versus the appropriate market benchmark. The last chart illustrates the manager's ranking relative to their style using various risk-adjusted return measures.

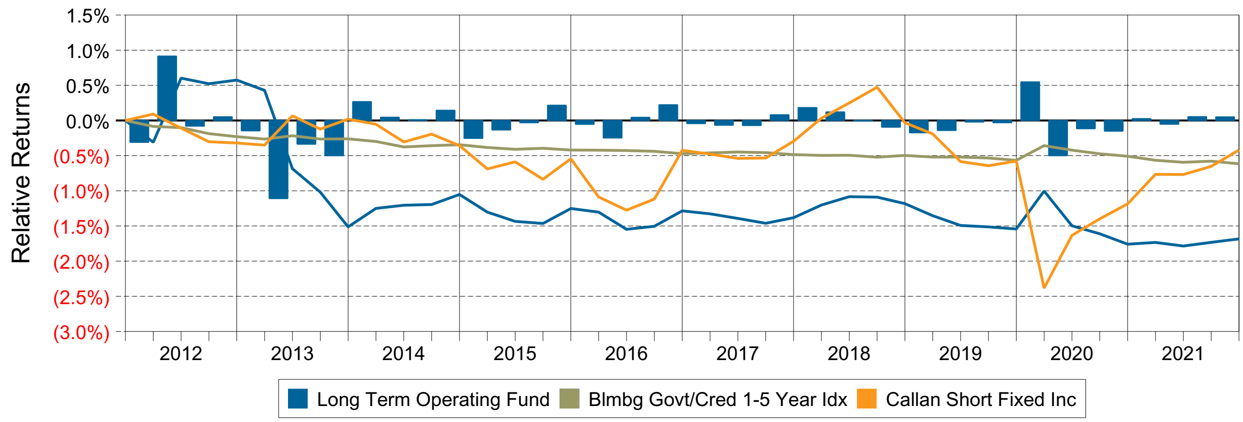
Assets were transferred in kind to Chandler on 12/1/2014. Previous performance reflects PIMCO.

Performance vs Callan Short Term Fixed Income (Gross)

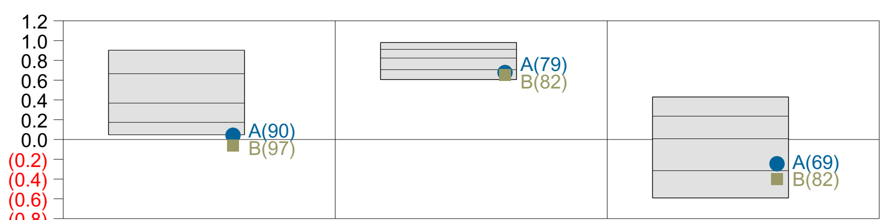


		2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
10th Percentile		0.73	5.10	5.47	2.00	2.29	2.79	1.17	1.50	1.20	4.46
25th Percentile		0.10	4.59	4.94	1.82	1.74	2.17	1.01	1.27	0.80	2.60
Median		(0.22)	3.93	4.52	1.69	1.31	1.56	0.91	1.11	0.65	1.81
75th Percentile		(0.45)	3.51	4.10	1.54	0.95	1.18	0.76	0.87	0.40	1.45
90th Percentile		(0.73)	2.44	3.59	1.33	0.66	1.04	0.62	0.73	0.29	0.92
Long Term Operating Fund	● A	(0.79)	4.42	4.70	1.60	1.18	1.58	0.85	1.98	(1.77)	3.06
Blmbg Govt/Cred 1-5 Year Idx	■ B	(0.97)	4.71	5.01	1.38	1.27	1.56	0.97	1.42	0.28	2.24
ICE Corp/Gov 1-5 Yr	▲	(0.87)	4.65	5.08	1.40	1.28	1.62	1.05	1.51	0.32	2.47

Cumulative and Quarterly Relative Return vs ICE Corp/Gov 1-5 Yr



Risk Adjusted Return Measures vs ICE Corp/Gov 1-5 Yr
Rankings Against Callan Short Term Fixed Income (Gross)
Seven Years Ended December 31, 2021



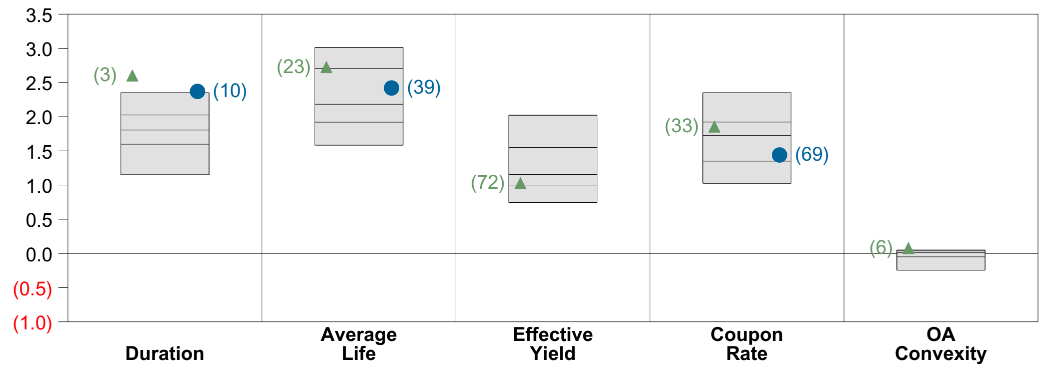
		Alpha	Sharpe Ratio	Excess Return Ratio
10th Percentile		0.90	0.98	0.43
25th Percentile		0.67	0.91	0.24
Median		0.37	0.82	0.01
75th Percentile		0.17	0.71	(0.32)
90th Percentile		0.05	0.61	(0.59)
Long Term Operating Fund	● A	0.04	0.68	(0.25)
Blmbg Govt/Cred 1-5 Year Idx	■ B	(0.06)	0.65	(0.40)

Long Term Operating Fund
Bond Characteristics Analysis Summary

Portfolio Characteristics

This graph compares the manager's portfolio characteristics with the range of characteristics for the portfolios which make up the manager's style group. This analysis illustrates whether the manager's current holdings are consistent with other managers employing the same style.

Fixed Income Portfolio Characteristics
Rankings Against Callan Short Term Fixed Income
as of December 31, 2021

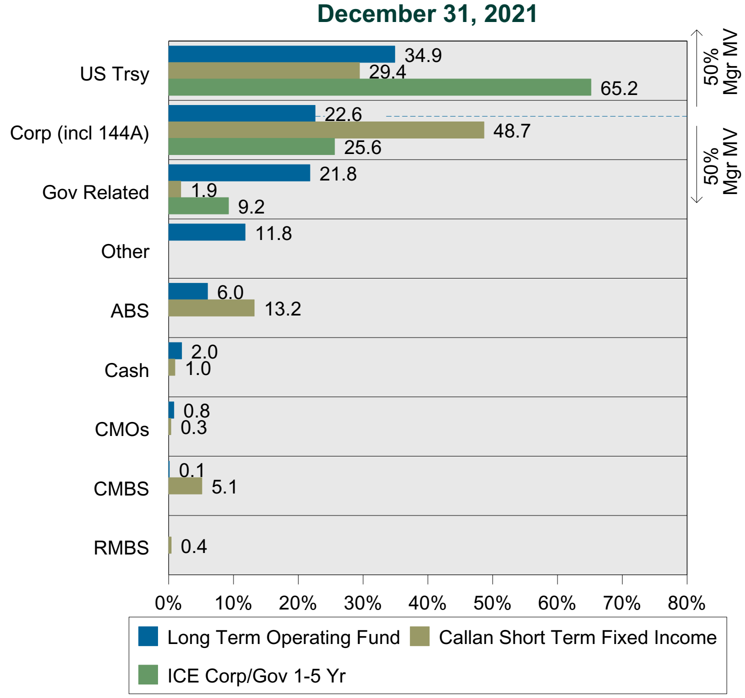


	Duration	Average Life	Effective Yield	Coupon Rate	OA Convexity
10th Percentile	2.35	3.01	2.02	2.35	0.05
25th Percentile	2.03	2.71	1.55	1.92	0.04
Median	1.80	2.18	1.15	1.73	0.01
75th Percentile	1.60	1.92	1.00	1.35	(0.05)
90th Percentile	1.15	1.58	0.74	1.03	(0.25)
Long Term Operating Fund ●	2.37	2.42	-	1.44	-
ICE Corp/Gov 1-5 Yr ▲	2.60	2.72	1.03	1.86	0.08

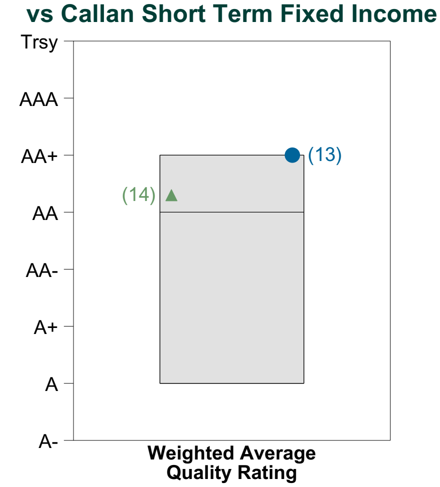
Sector Allocation and Quality Ratings

The first graph compares the manager's sector allocation with the average allocation across all the members of the manager's style. The second graph compares the manager's weighted average quality rating with the range of quality ratings for the style.

Sector Allocation
December 31, 2021



Quality Ratings
vs Callan Short Term Fixed Income



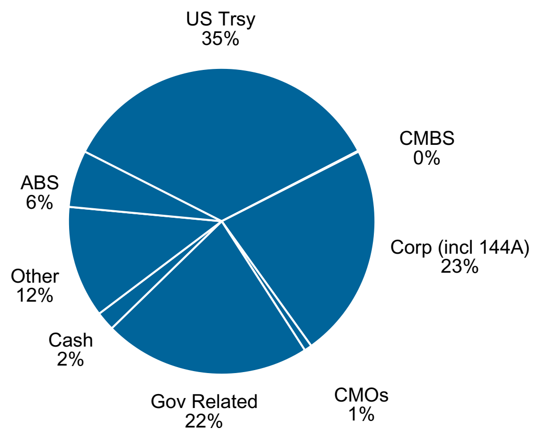
	Weighted Average Quality Rating
10th Percentile	AA+
25th Percentile	AA
Median	AA
75th Percentile	A
90th Percentile	A
Long Term Operating Fund ●	AA+
ICE Corp/Gov 1-5 Yr ▲	AA

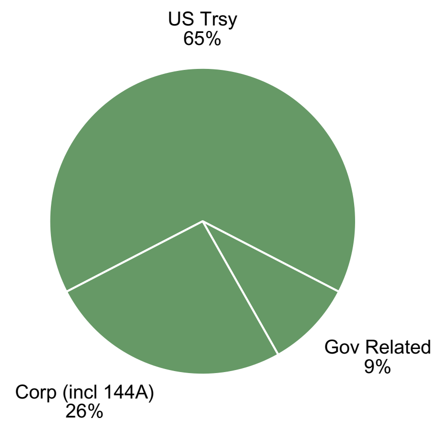
Long Term Operating Fund
Portfolio Characteristics Summary
As of December 31, 2021

Portfolio Structure Comparison

The charts below compare the structure of the portfolio to that of the index from the three perspectives that have the greatest influence on return. The first chart compares the two portfolios across sectors. The second chart compares the duration distribution. The last chart compares the distribution across quality ratings.

Sector Allocation

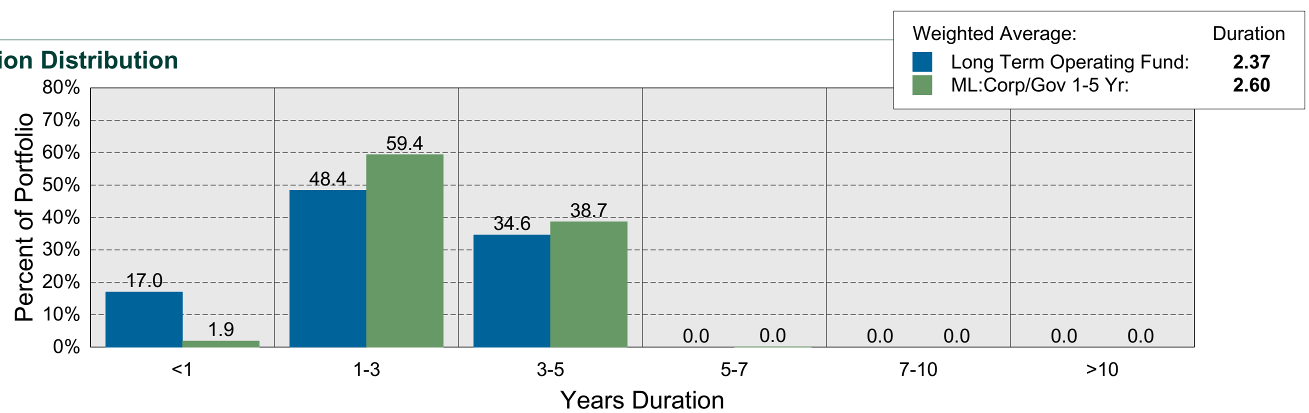




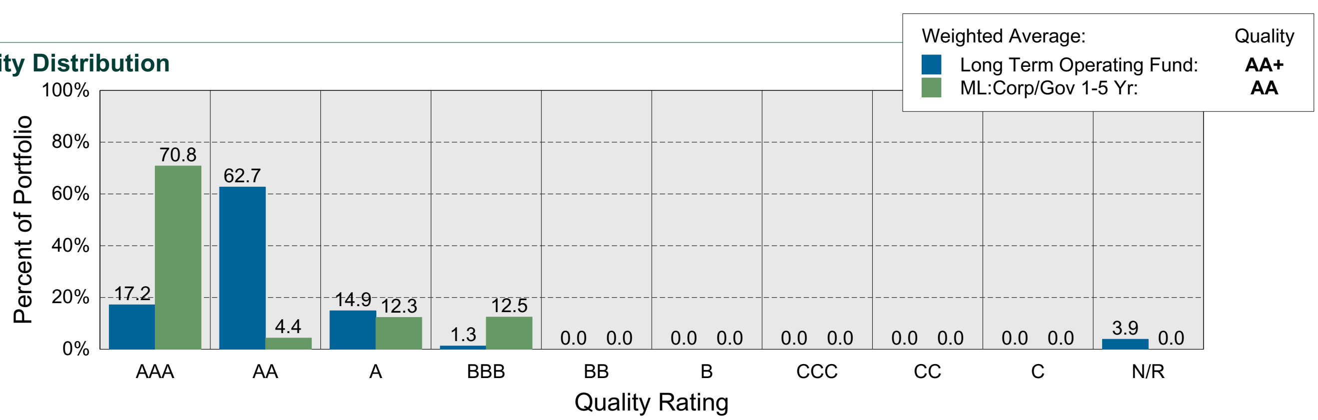
Long Term Operating Fund

ML:Corp/Gov 1-5 Yr

Duration Distribution



Quality Distribution



Chandler-Liquid Operating Money
Period Ended December 31, 2021

Investment Philosophy

Assets were transferred in kind to Chandler on 12/1/2014. Previous performance reflects PIMCO.

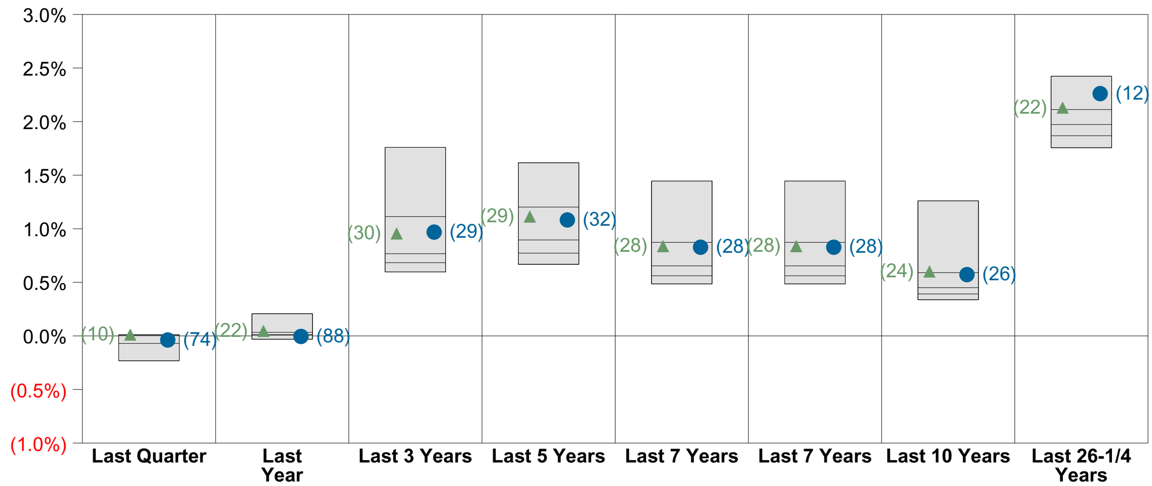
Quarterly Summary and Highlights

- Liquid Operating Money Net's portfolio posted a (0.04)% return for the quarter placing it in the 74 percentile of the Callan Money Market Funds group for the quarter and in the 88 percentile for the last year.
- Liquid Operating Money Net's portfolio underperformed the Citigroup 3-Month Treasury Bill by 0.05% for the quarter and underperformed the Citigroup 3-Month Treasury Bill for the year by 0.05%.

Quarterly Asset Growth

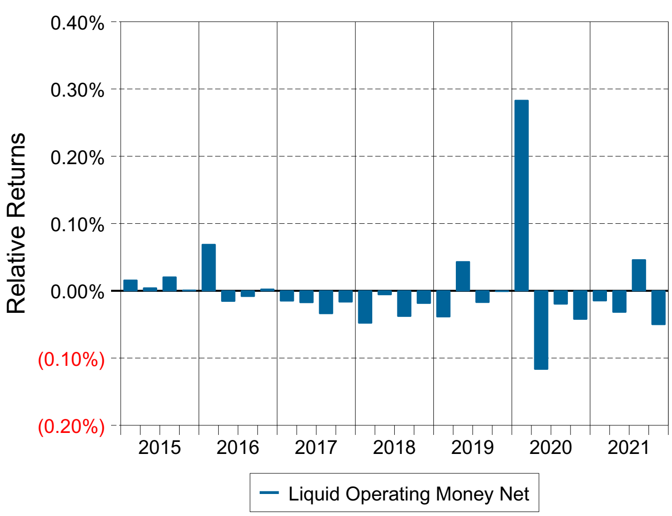
Beginning Market Value	$129,859,149
Net New Investment	$101,000,000
Investment Gains/(Losses)	$2,827
Ending Market Value	$230,861,976

Performance vs Callan Money Market Funds (Net)

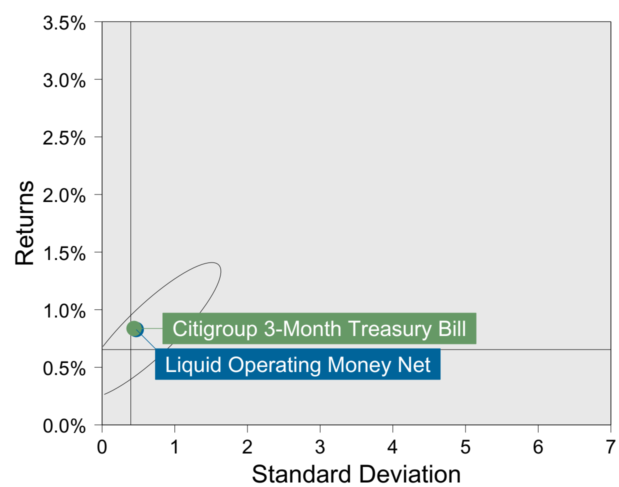


	Last Quarter	Last Year	Last 3 Years	Last 5 Years	Last 7 Years	Last 7 Years	Last 10 Years	Last 26-1/4 Years
10th Percentile	0.01	0.21	1.76	1.62	1.45	1.45	1.26	2.42
25th Percentile	0.00	0.03	1.11	1.20	0.87	0.87	0.59	2.11
Median	0.00	0.01	0.77	0.90	0.65	0.65	0.45	1.97
75th Percentile	(0.07)	0.01	0.68	0.77	0.56	0.56	0.39	1.87
90th Percentile	(0.23)	(0.03)	0.60	0.67	0.49	0.49	0.34	1.76
Liquid Operating Money Net ●	(0.04)	(0.00)	0.97	1.08	0.83	0.83	0.57	2.26
Citigroup 3-Month Treasury Bill ▲	0.01	0.05	0.96	1.11	0.84	0.84	0.60	2.13

Relative Returns vs Citigroup 3-Month Treasury Bill



Callan Money Market Funds (Net) Annualized Seven Year Risk vs Return

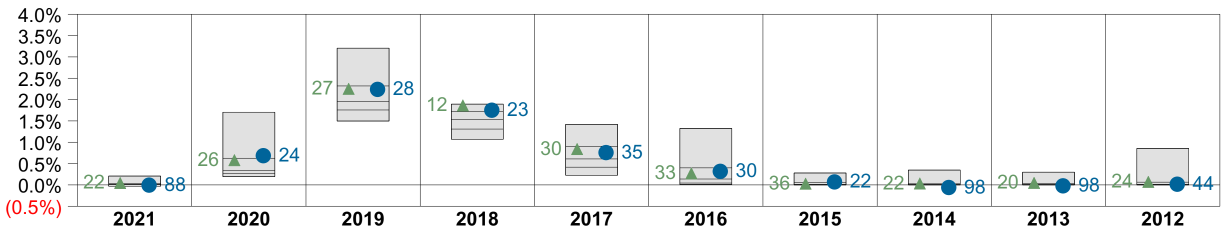


Liquid Operating Money Net
Return Analysis Summary

Return Analysis

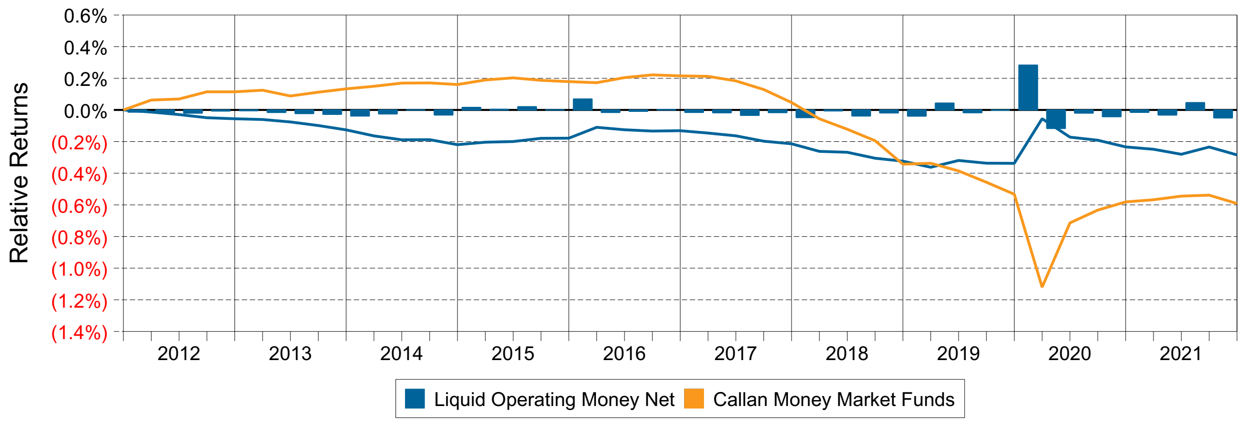
The graphs below analyze the manager's return on both a risk-adjusted and unadjusted basis. The first chart illustrates the manager's ranking over different periods versus the appropriate style group. The second chart shows the historical quarterly and cumulative manager returns versus the appropriate market benchmark. The last chart illustrates the manager's ranking relative to their style using various risk-adjusted return measures.
Assets were transferred in kind to Chandler on 12/1/2014. Previous performance reflects PIMCO.

Performance vs Callan Money Market Funds (Net)

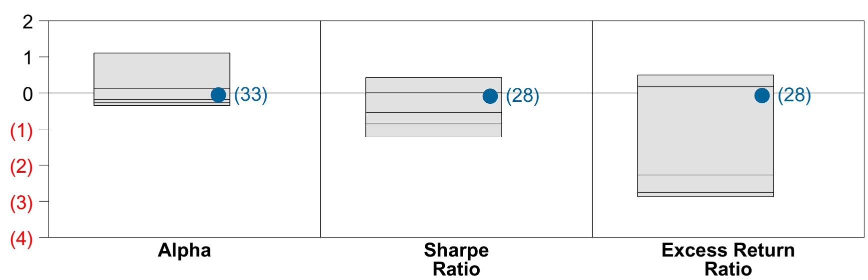


	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
10th Percentile	0.21	1.70	3.20	1.89	1.42	1.32	0.28	0.35	0.30	0.85
25th Percentile	0.03	0.62	2.32	1.72	0.91	0.40	0.06	0.03	0.04	0.06
Median	0.01	0.34	1.96	1.53	0.61	0.14	0.01	0.01	0.01	0.01
75th Percentile	0.01	0.27	1.76	1.31	0.42	0.04	0.01	0.01	0.01	0.01
90th Percentile	(0.03)	0.19	1.50	1.07	0.23	0.01	0.00	0.00	0.00	0.00
Liquid Operating Money Net ●	(0.00)	0.69	2.24	1.75	0.76	0.32	0.07	(0.06)	(0.02)	0.02
Citigroup 3-Month Treasury Bill ▲	0.05	0.58	2.25	1.86	0.84	0.27	0.03	0.03	0.05	0.07

Cumulative and Quarterly Relative Return vs Citigroup 3-Month Treasury Bill



Risk Adjusted Return Measures vs Citigroup 3-Month Treasury Bill
Rankings Against Callan Money Market Funds (Net)
Seven Years Ended December 31, 2021



	Alpha	Sharpe Ratio	Excess Return Ratio
10th Percentile	1.11	0.43	0.50
25th Percentile	0.13	0.01	0.17
Median	(0.18)	(0.54)	(2.27)
75th Percentile	(0.27)	(0.86)	(2.75)
90th Percentile	(0.35)	(1.22)	(2.87)
Liquid Operating Money Net ●	(0.05)	(0.09)	(0.07)

Callan Research/Education

Callan Institute

Education

4th Quarter 2021

Quarterly Highlights

The Callan Institute provides research to update clients on the latest industry trends and carefully structured educational programs to enhance the knowledge of industry professionals. Visit www.callan.com/research-library to see all of our publications, and www.callan.com/blog to view our blog. For more information contact Barb Gerraty at 415-274-3093 / institute@callan.com.

New Research from Callan's Experts

2021 Investment Management Fee Study | The purpose of this study, the ninth we have done, is to provide a detailed analysis on institutional investment management fee levels and trends across multiple asset classes and mandate sizes, for both active and passive management.

2021 Nuclear Decommissioning Funding Study | This study offers key insights into the status of nuclear decommissioning funding to make peer comparisons more accurate and relevant.

2021 Private Equity Fees and Terms Study | This study is intended to help institutional investors better evaluate private equity funds, serving as an industry benchmark when comparing a partnership's terms to its peers.

2021 Cost of Doing Business Survey | In this survey, Callan compares the costs of administering and operating funds across all types of tax-exempt and tax-qualified organizations in the U.S. We identify practices to help institutional investors manage expenses.

A Guide to Reinsurance for Institutional Investors | Reinsurance investments are a potential option for institutional investors looking to diversify both equity and rate risks while also offering attractive risk-adjusted returns. Sean Lee examines how insurance-linked securities can be incorporated into institutional investors' portfolios.

2021 ESG Survey | Callan's ninth annual survey assessing the status of environmental, social, and governance (ESG) investing in the U.S. institutional investment market.

Blog Highlights

Rising Rates! Why the Heck Do We Own Bonds? | Investment grade bonds spin off yield and participate in rising rate markets through principal reinvestment, and their return distribution provides downside protection that counter-balances growth-oriented portfolio investments. Despite frustratingly low expected returns, IG bonds can still contribute meaningfully to the long-term investment goals of most institutional investors.

Understanding Return Forecasts for Public DB Plans | It is important for decision makers to understand that actuaries and investment consultants offer assumptions on expected return that are inherently different: Actuarial discount rates assume a static return over time with no variability, whereas investment consultants estimate a median and a range of expected returns based on expected risk.

Quarterly Periodicals

Private Equity Trends, 3Q21 | A high-level summary of private equity activity in the quarter through all the investment stages

Active vs. Passive Charts, 3Q21 | A comparison of active managers alongside relevant benchmarks over the long term

Market Pulse Flipbook, 3Q21 | A quarterly market reference guide covering trends in the U.S. economy, developments for institutional investors, and the latest data on the capital markets

Capital Markets Review, 3Q21 | Analysis and a broad overview of the economy and public and private market activity each quarter across a wide range of asset classes

Hedge Fund Quarterly, 3Q21 | Commentary on developments for hedge funds and multi-asset class (MAC) strategies

Real Assets Reporter, 3Q21 | A summary of market activity for real assets and private real estate during the quarter

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Events

A complete list of all upcoming events can be found on our website: callan.com/events-education.

Please mark your calendar and look forward to upcoming invitations:

2022 DC Survey Results Webinar
February 23, 2022 – 9:30 am (PT)

National Conference
April 25-27, 2022, in San Francisco

For more information about events, please contact Barb Gerraty: 415-274-3093 / gerraty@callan.com

Education: By the Numbers

50+	Unique pieces of research the Institute generates each year
525	Attendees (on average) of the Institute's annual National Conference
3,700	Total attendees of the "Callan College" since 1994

Education

Founded in 1994, the "Callan College" offers educational sessions for industry professionals involved in the investment decision-making process.

Introduction to Investments
March 1-3, 2022 – Virtual

This program familiarizes institutional investor trustees and staff and asset management advisers with basic investment theory, terminology, and practices. Our virtual session is held over three days with virtual modules of 2.5-3 hours, while the in-person session lasts one-and-a-half days. This course is designed for individuals with less than two years of experience with asset-management oversight and/or support responsibilities. Virtual tuition is $950 per person and includes instruction and digital materials. In-person tuition is $2,350 per person and includes instruction, all materials, breakfast and lunch on each day, and dinner on the first evening with the instructors.

Additional information including registration can be found at: callan.com/events/ccintro-march/

Introductory Workshop for DC Plan Fiduciaries
March 23, 2022 – San Francisco

This one-day workshop centers on the fundamentals of administering a defined contribution (DC) plan. Designed primarily for ERISA fiduciaries and supporting staff members, attendees will gain a better understanding of the key responsibilities of an ERISA fiduciary and best practices for executing those responsibilities. Additionally, we will cover the basics of capital markets theory and DC investment menu design principles; investment manager evaluation, selection, and monitoring; best practices for evaluating fees; the regulatory and legal landscape; and industry trends. This workshop is complimentary and open to institutional investor clients.

Additional information including dates and registration can be found at: callan.com/events/mar-dc-college/

"Research is the foundation of all we do at Callan, and sharing our best thinking with the investment community is our way of helping to foster dialogue to raise the bar across the industry."

Greg Allen, CEO and Chief Research Officer

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Definitions

Risk/Reward Statistics

The risk statistics used in this report examine performance characteristics of a manager or a portfolio relative to a benchmark (market indicator) which assumes to represent overall movements in the asset class being considered. The main unit of analysis is the excess return, which is the portfolio return minus the return on a risk free asset (3 month T-Bill).

Alpha measures a portfolio's return in excess of the market return adjusted for risk. It is a measure of the manager's contribution to performance with reference to security selection. A positive alpha indicates that a portfolio was positively rewarded for the residual risk which was taken for that level of market exposure.

Beta measures the sensitivity of rates of portfolio returns to movements in the market index. A portfolio's beta measures the expected change in return per 1% change in the return on the market. If a beta of a portfolio is 1.5, a 1 percent increase in the return on the market will result, on average, in a 1.5 percent increase in the return on the portfolio. The converse would also be true.

Downside Risk stems from the desire to differentiate between "good risk" (upside volatility) and "bad risk" (downside volatility). Whereas standard deviation punishes both upside and downside volatility, downside risk measures only the standard deviation of returns below the target. Returns above the target are assigned a deviation of zero. Both the frequency and magnitude of underperformance affect the amount of downside risk.

Excess Return Ratio is a measure of risk adjusted relative return. This ratio captures the amount of active management performance (value added relative to an index) per unit of active management risk (tracking error against the index.) It is calculated by dividing the manager's annualized cumulative excess return relative to the index by the standard deviation of the individual quarterly excess returns. The Excess Return Ratio can be interpreted as the manager's active risk/reward tradeoff for diverging from the index when the index is mandated to be the "riskless" market position.

Information Ratio measures the manager's market risk-adjusted excess return per unit of residual risk relative to a benchmark. It is computed by dividing alpha by the residual risk over a given time period. Assuming all other factors being equal, managers with lower residual risk achieve higher values in the information ratio. Managers with higher information ratios will add value relative to the benchmark more reliably and consistently.

R-Squared indicates the extent to which the variability of the portfolio returns are explained by market action. It can also be thought of as measuring the diversification relative to the appropriate benchmark. An r-squared value of .75 indicates that 75% of the fluctuation in a portfolio return is explained by market action. An r-squared of 1.0 indicates that a portfolio's returns are entirely related to the market and it is not influenced by other factors. An r-squared of zero indicates that no relationship exists between the portfolio's return and the market.

Relative Standard Deviation is a simple measure of a manager's risk (volatility) relative to a benchmark. It is calculated by dividing the manager's standard deviation of returns by the benchmark's standard deviation of returns. A relative standard deviation of 1.20, for example, means the manager has exhibited 20% more risk than the benchmark over that time period. A ratio of .80 would imply 20% less risk. This ratio is especially useful when analyzing the risk of investment grade fixed-income products where actual historical durations are not available. By using this relative risk measure over rolling time periods one can illustrate the "implied" historical duration patterns of the portfolio versus the benchmark.

Residual Portfolio Risk is the unsystematic risk of a fund, the portion of the total risk unique to the fund (manager) itself and not related to the overall market. This reflects the "bets" which the manager places in that particular asset market. These bets may reflect emphasis in particular sectors, maturities (for bonds), or other issue specific factors which the manager considers a good investment opportunity. Diversification of the portfolio will reduce or eliminate the residual risk of that portfolio.

Risk/Reward Statistics

Rising Declining Periods refer to the sub-asset class cycles vis-a-vis the broader asset class. This is determined by evaluating the cumulative relative sub-asset class index performance to that of the broader asset class index. For example, to determine the Growth Style cycle, the S&P 500 Growth Index (sub-asset class) performance is compared to that of the S&P 500 Index (broader asset class).

Sharpe Ratio is a commonly used measure of risk-adjusted return. It is calculated by subtracting the "risk-free" return (usually 3 Month Treasury Bill) from the portfolio return and dividing the resulting "excess return" by the portfolio's risk level (standard deviation). The result is a measure of return gained per unit of risk taken.

Sortino Ratio is a downside risk-adjusted measure of value-added. It measures excess return over a benchmark divided by downside risk. The natural appeal is that it identifies value-added per unit of truly bad risk. The danger of interpretation, however, lies in these two areas: (1) the statistical significance of the denominator, and (2) its reliance on the persistence of skewness in return distributions.

Standard Deviation is a statistical measure of portfolio risk. It reflects the average deviation of the observations from their sample mean. Standard deviation is used as an estimate of risk since it measures how wide the range of returns typically is. The wider the typical range of returns, the higher the standard deviation of returns, and the higher the portfolio risk. If returns are normally distributed (ie. has a bell shaped curve distribution) then approximately 2/3 of the returns would occur within plus or minus one standard deviation from the sample mean.

Total Portfolio Risk is a measure of the volatility of the quarterly excess returns of an asset. Total risk is composed of two measures of risk: market (non-diversifiable or systematic) risk and residual (diversifiable or unsystematic) risk. The purpose of portfolio diversification is to reduce the residual risk of the portfolio.

Tracking Error is a statistical measure of a portfolio's risk relative to an index. It reflects the standard deviation of a portfolio's individual quarterly or monthly returns from the index's returns. Typically, the lower the Tracking Error, the more "index-like" the portfolio.

Treynor Ratio represents the portfolio's average excess return over a specified period divided by the beta relative to its benchmark over that same period. This measure reflects the reward over the risk-free rate relative to the systematic risk assumed.

Note: Alpha, Total Risk, and Residual Risk are annualized.

Fixed Income Portfolio Characteristics

All Portfolio Characteristics are derived by first calculating the characteristics for each security, and then calculating the market value weighted average of these values for the portfolio.

Allocation by Sector - Sector allocation is one of the tools which managers often use to add value without impacting the duration of the portfolio. The sector weights exhibit can be used to contrast a portfolio's weights with those of the index to identify any significant sector bets.

Average Coupon - The average coupon is the market value weighted average coupon of all securities in the portfolio. The total portfolio coupon payments per year are divided by the total portfolio par value.

Average Moody's Rating for Total Portfolio - A measure of the credit quality as determined by the individual security ratings. The ratings for each security, from Moody's Investor Service, are compiled into a composite rating for the whole portfolio. Quality symbols range from Aaa+ (highest investment quality - lowest credit risk) to C (lowest investment quality - highest credit risk).

Average Option Adjusted (Effective) Convexity - Convexity is a measure of the portfolio's exposure to interest rate risk. It is a measure of how much the duration of the portfolio will change given a change in interest rates. Generally, securities with negative convexities are considered to be risky in that changes in interest rates will result in disadvantageous changes in duration. When a security's duration changes it indicates that the stream of expected future cash-flows has changed, generally having a significant impact on the value of the security. The option adjusted convexity for each security in the portfolio is calculated using models developed by Lehman Brothers and Salomon Brothers which determine the expected stream of cash-flows for the security based on various interest rate scenarios. Expected cash-flows take into account any put or call options embedded in the security, any expected sinking-fund paydowns or any expected mortgage principal prepayments.

Average Option Adjusted (Effective) Duration - Duration is one measure of the portfolio's exposure to interest rate risk. Generally, the higher a portfolio's duration, the more that its value will change in response to interest rate changes. The option adjusted duration for each security in the portfolio is calculated using models developed by Lehman Brothers and Salomon Brothers which determine the expected stream of cash-flows for the security based on various interest rate scenarios. Expected cash-flows take into account any put or call options embedded in the security, any expected sinking-fund paydowns or any expected mortgage principal prepayments.

Average Price - The average price is equal to the portfolio market value divided by the number of securities in the portfolio. Portfolios with an average price above par will tend to generate more current income than those with an average price below par.

Average Years to Expected Maturity - This is a measure of the market-value-weighted average of the years to expected maturity across all of the securities in the portfolio. Expected years to maturity takes into account any put or call options embedded in the security, any expected sinking-fund paydowns or any expected mortgage principal prepayments.

Average Years to Stated Maturity - The average years to stated maturity is the market value weighted average time to stated maturity for all securities in the portfolio. This measure does not take into account imbedded options, sinking fund paydowns, or prepayments.

Current Yield - The current yield is the current annual income generated by the total portfolio market value. It is equal to the total portfolio coupon payments per year divided by the current total portfolio market value.

Fixed Income Portfolio Characteristics

Duration Dispersion - Duration dispersion is the market-value weighted standard deviation of the portfolio’s individual security durations around the total portfolio duration. The higher the dispersion, the more variable the security durations relative to the total portfolio duration ("barbellness"), and the smaller the dispersion, the more concentrated the holdings’ durations around the overall portfolio’s ("bulletness"). The purpose of this statistic is to gauge the "bulletness" or "barbellness" of a portfolio relative to its total duration and to that of its benchmark index.

Effective Yield - The effective yield is the actual total annualized return that would be realized if all securities in the portfolio were held to their expected maturities. Effective yield is calculated as the internal rate of return, using the current market value and all expected future interest and principal cash flows. This measure incorporates sinking fund paydowns, expected mortgage principal prepayments, and the exercise of any "in-the-money" imbedded put or call options.

Weighted Average Life - The weighted average life of a security is the weighted average time to payment of all remaining principal. It is calculated by multiplying each expected future principal payment amount by the time left to the payment. This amount is then divided by the total amount of principal remaining. Weighted average life is commonly used as a measure of the investment life for pass-through security types for comparison to non-pass-through securities.

Disclosures

Callan

Quarterly List as of September 30, 2021

List of Callan's Investment Manager Clients

Confidential – For Callan Client Use Only

Callan takes its fiduciary and disclosure responsibilities to clients very seriously. We recognize that there are numerous potential conflicts of interest encountered in the investment consulting industry, and that it is our responsibility to manage those conflicts effectively and in the best interest of our clients. At Callan, we employ a robust process to identify, manage, monitor, and disclose potential conflicts on an ongoing basis.

The list below is an important component of our conflicts management and disclosure process. It identifies those investment managers that pay Callan fees for educational, consulting, software, database, or reporting products and services. We update the list quarterly because we believe that our fund sponsor clients should know the investment managers that do business with Callan, particularly those investment manager clients that the fund sponsor clients may be using or considering using. Please note that if an investment manager receives a product or service on a complimentary basis (e.g., attending an educational event), they are not included in the list below. Callan is committed to ensuring that we do not consider an investment manager's business relationship with Callan, or lack thereof, in performing evaluations for or making suggestions or recommendations to its other clients. Please refer to Callan's ADV Part 2A for a more detailed description of the services and products that Callan makes available to investment manager clients through our Institutional Consulting Group, Independent Adviser Group, and Fund Sponsor Consulting Group. Due to the complex corporate and organizational ownership structures of many investment management firms, parent and affiliate firm relationships are not indicated on our list.

Fund sponsor clients may request a copy of the most currently available list at any time. Fund sponsor clients may also request specific information regarding the fees paid to Callan by particular fund manager clients. Per company policy, information requests regarding fees are handled exclusively by Callan's Compliance department.

Manager Name
abrdn (Aberdeen Standard Investments)
Acadian Asset Management LLC
Adams Street Partners, LLC
AEGON USA Investment Management Inc.
AllianceBernstein
Allianz
American Century Investments
AQR Capital Management
Ares Management LLC
Ariel Investments, LLC
Aristotle Capital Management, LLC
Atlanta Capital Management Co., LLC
Aviva Investors
AXA Investment Managers
Baillie Gifford International, LLC
Baird Advisors
Barings LLC
Baron Capital Management, Inc.

Manager Name
Barrow, Hanley, Mewhinney & Strauss, LLC
BlackRock
BMO Global Asset Management
BNP Paribas Asset Management
BNY Mellon Asset Management
Boston Partners
Brandes Investment Partners, L.P.
Brandywine Global Investment Management, LLC
Brown Brothers Harriman & Company
Cambiar Investors, LLC
Capital Group
Carillon Tower Advisers
CastleArk Management, LLC
Causeway Capital Management LLC
Chartwell Investment Partners
ClearBridge Investments, LLC
Cohen & Steers Capital Management, Inc.
Columbia Threadneedle Investments North America

Manager Name
Credit Suisse Asset Management
Crescent Capital Group LP
Crosscreek Capital Group
D.E. Shaw Investment Management, LLC
DePrince, Race & Zollo, Inc.
Dimensional Fund Advisors LP
Doubleline
Duff & Phelps Investment Management Co.
DWS
EARNEST Partners, LLC
Eaton Vance Management
Epoch Investment Partners, Inc.
Fayez Sarofim & Company
Federated Hermes, Inc.
Fidelity Institutional Asset Management
Fiera Capital Corporation
First Hawaiian Bank Wealth Management Division
First Sentier Investors (formerly First State Investments)
Fisher Investments
Franklin Templeton
GAM (USA) Inc.
GCM Grosvenor
GlobeFlex Capital, L.P.
GoldenTree Asset Management, LP
Goldman Sachs
Guggenheim Investments
GW&K Investment Management
Harbor Capital Group Trust
Heitman LLC
Hotchkis & Wiley Capital Management, LLC
Income Research + Management, Inc.
Insight Investment
Intech Investment Management, LLC
Intercontinental Real Estate Corporation
Invesco
J.P. Morgan
Janus
Jennison Associates LLC
Jobs Peak Advisors
J O Hambro Capital Management Limited

Manager Name
KeyCorp
Lazard Asset Management
LGIM America (formerly Legal & General Inv Mgmt America)
Lincoln National Corporation
Longview Partners
Loomis, Sayles & Company, L.P.
Lord Abbett & Company
LSV Asset Management
MacKay Shields LLC
Macquarie Investment Management (MIM)
Manning & Napier Advisors, LLC
Manulife Investment Management
McKinley Capital Management, LLC
Mellon
MetLife Investment Management
MFS Investment Management
MidFirst Bank
Mondrian Investment Partners Limited
Montag & Caldwell, LLC
Morgan Stanley Investment Management
MUFG Union Bank, N.A.
Natixis Investment Managers
Neuberger Berman
Newton Investment Management
Ninety One North America, Inc. (formerly Investec Asset Mgmt.)
Northern Trust Asset Management
Nuveen
Pacific Investment Management Company
Parametric Portfolio Associates LLC
Partners Group (USA) Inc.
Pathway Capital Management
P/E Investments
Peregrine Capital Management, LLC
PFM Asset Management LLC
PGIM Fixed Income
PineBridge Investments
Polen Capital Management, LLC
Principal Global Investors
Putnam Investments, LLC
QMA LLC

Manager Name
RBC Global Asset Management
Regions Financial Corporation
Richard Bernstein Advisors LLC
Robeco Institutional Asset Management, US Inc.
Rothschild & Co. Asset Management US
S&P Dow Jones Indices
Schroder Investment Management North America Inc.
SLC Management
Smith Graham & Co. Investment Advisors, L.P.
State Street Global Advisors
Stone Harbor Investment Partners L.P.
Strategic Global Advisors, LLC
T. Rowe Price Associates, Inc.
The TCW Group, Inc.
Thompson, Siegel & Walmsley LLC

Manager Name
Thornburg Investment Management, Inc.
Tri-Star Trust Bank
VanEck
Versus Capital Group
Victory Capital Management Inc.
Virtus Investment Partners, Inc.
Vontobel Asset Management
Voya
WCM Investment Management
WEDGE Capital Management
Wellington Management Company LLP
Wells Fargo Asset Management
Western Asset Management Company LLC
Westfield Capital Management Company, LP
William Blair & Company LLC

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INVESTMENT REPORT

CHANDLER ASSET MANAGEMENT

Orange County Sanitation District

Period Ending December 31, 2021

CHANDLER ASSET MANAGEMENT, INC. | 800.317.4747 | www.chandlerasset.com

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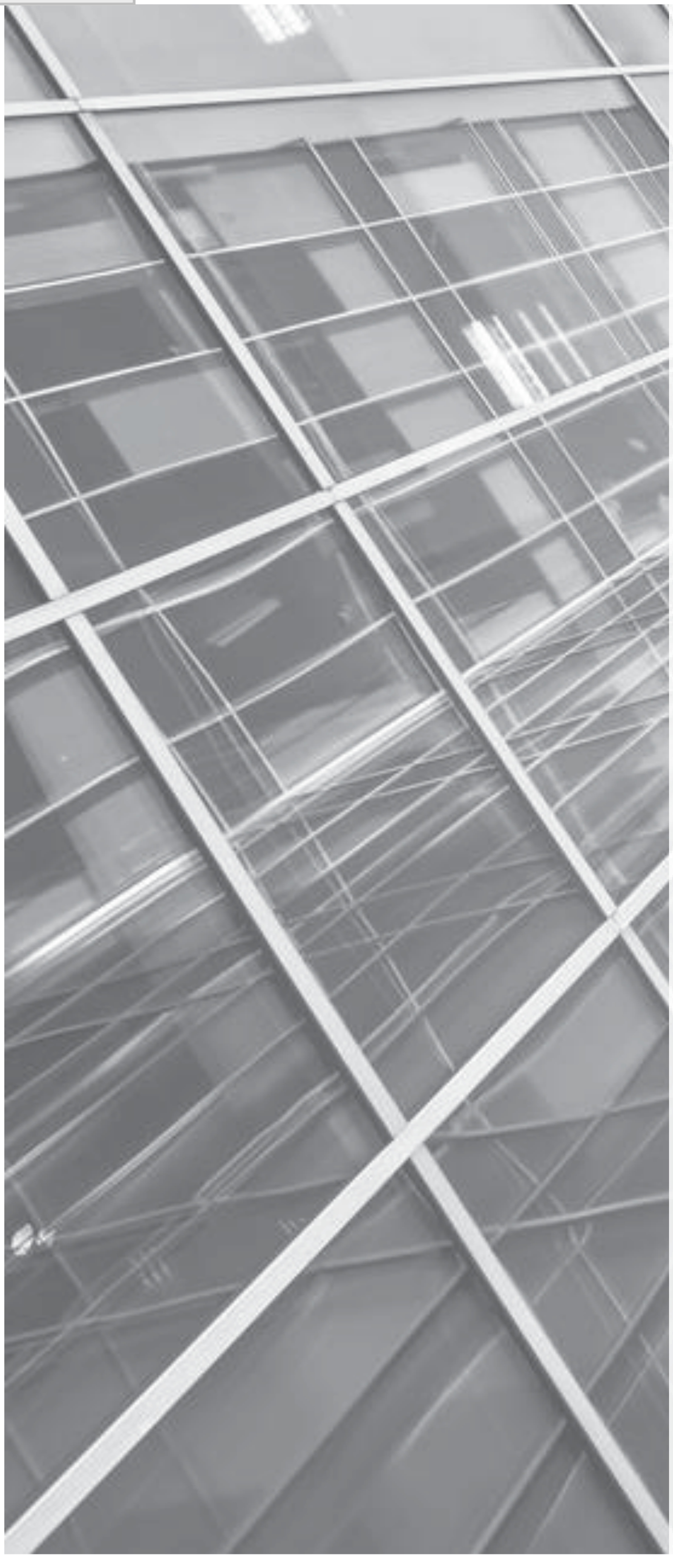
As of December 31, 2021

SECTION 1	Economic Update
SECTION 2	Account Profile
SECTION 3	Consolidated Information
SECTION 4	Portfolio Holdings
SECTION 5	Transactions



Section 1 | Economic Update

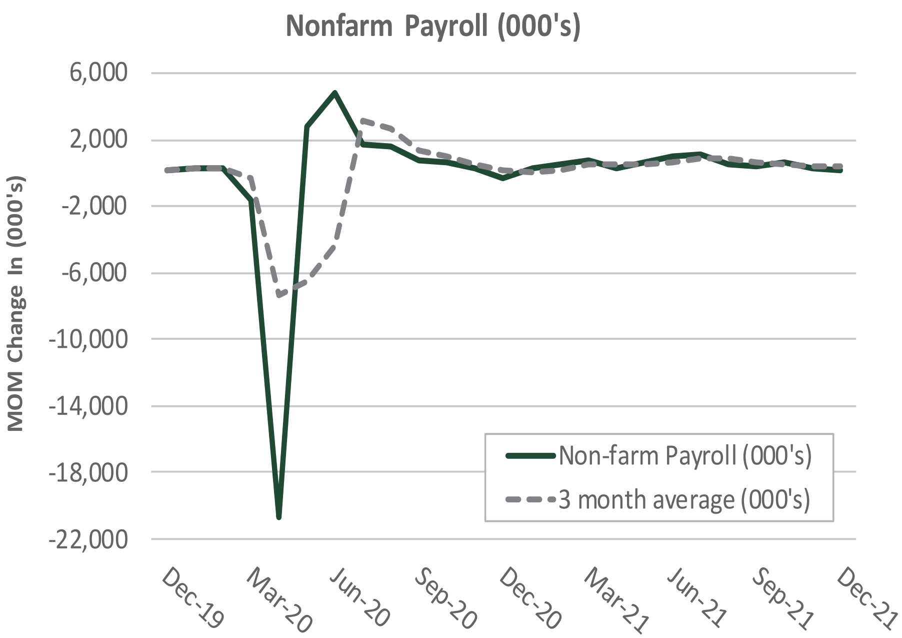
Economic Update

- In our view, economic growth is likely to moderate but remain modestly above-trend in 2022, fueled in part by ongoing tailwinds from fiscal support, accommodative monetary policy, and continued progress on vaccinations. Our outlook assumes an improving global health backdrop, though risks to the downside remain. Covid infection rates in the US and on a global basis have recently increased, and the new omicron variant poses a significant risk to the outlook. Given the high level of uncertainty regarding omicron's impact on the global health situation, supply chains, and the broader economy, we expect financial market volatility will be elevated over the near-term. Inflation readings continue to run hot, but market-based inflation expectations remain relatively contained and we believe inflation may be at or near a peak. We expect supply chain bottlenecks will continue to put upward pressure on prices over the near-term but should improve during 2022.

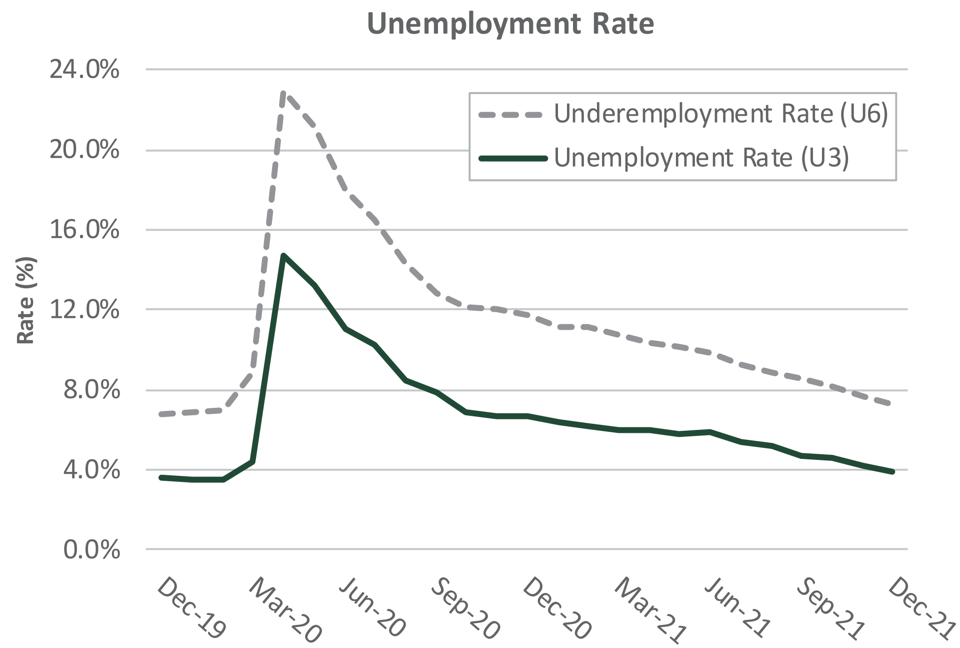
- The Federal Open Market Committee (FOMC) kept the fed funds target rate unchanged in December, in a range of 0.0%-0.25%, but announced plans to accelerate the pace of their tapering process. The Fed will reduce the magnitude of their monthly asset purchases by $30 billion in January, doubling the pace of the monthly reduction in asset purchases that began in November. Should the Fed continue to reduce their monthly asset purchases at the new pace, their bond-buying program would end this spring (late-March or mid-April). The FOMC's updated Summary of Economic Projections indicates that policymakers may be prepared to hike the fed funds rate three times in 2022 (based on the median estimate), up from the previous projection of just one 25 basis point hike. The Fed's updated projections suggest that these hikes would be amid a backdrop of strong economic growth. With inflation now more elevated and prolonged than originally anticipated, we believe the Fed's decision to accelerate the tapering process is prudent. However, we do not believe that monetary policy is on a pre-set course and expect the Fed will adjust policy if necessary, depending on developments in the economy.

- In December, the 2-year Treasury yield increased nearly 17 basis points to 0.73%, the 5-year Treasury yield increased ten basis points to 1.26%, and the 10-year Treasury yield increased about seven basis points to 1.51% in the month.

Employment



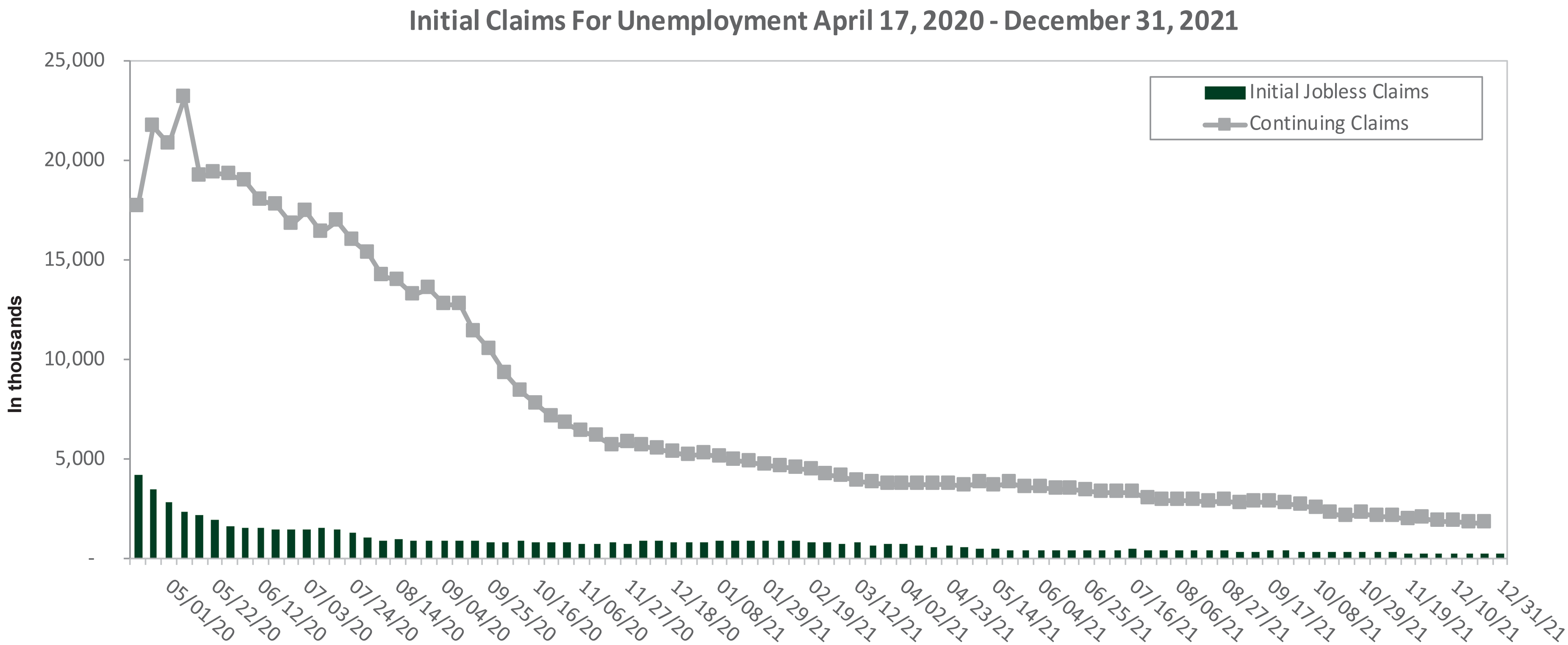
Source: US Department of Labor



Source: US Department of Labor

Job growth slowed in December, with US nonfarm payroll growth of just 199,000 in the month versus the consensus forecast of 450,000, but the unemployment rate still declined to 3.9%, the lowest level since February 2020. On a trailing 3-month and 6-month basis, payrolls increased an average of 365,000 and 508,000 per month, respectively, which still compares favorably to the average job gains in the five years leading up to the pandemic of about 196,000 per month. We believe a variety of factors are keeping some workers out of the labor force for now, which continues to hold back job growth despite strong demand from employers. The labor participation rate was unchanged in December at 61.9% and remains lower than the pre-pandemic level of 63.4%. The employment-population ratio increased to 59.5% in December form 59.3% in November, but also remains below the pre-pandemic level of 61.2%. The U-6 underemployment rate, which includes those who are marginally attached to the labor force and employed part time for economic reasons, declined to 7.3% in December from 7.7% in November (versus 7.0% in February 2020). Annualized average hourly earnings rose 0.6% month-over-month and were up 4.7% year-over-year in December versus 5.1% in November.

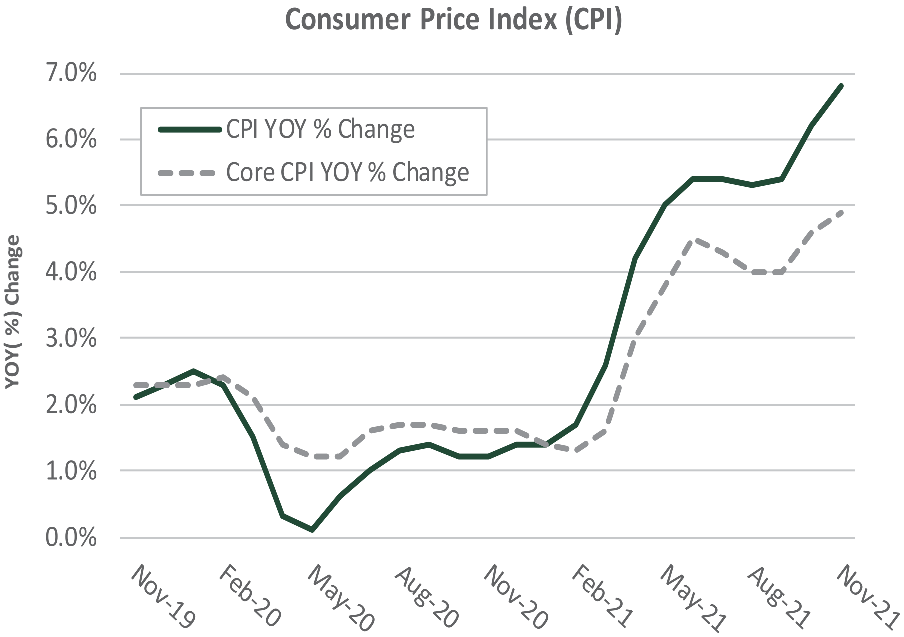
Initial Claims for Unemployment



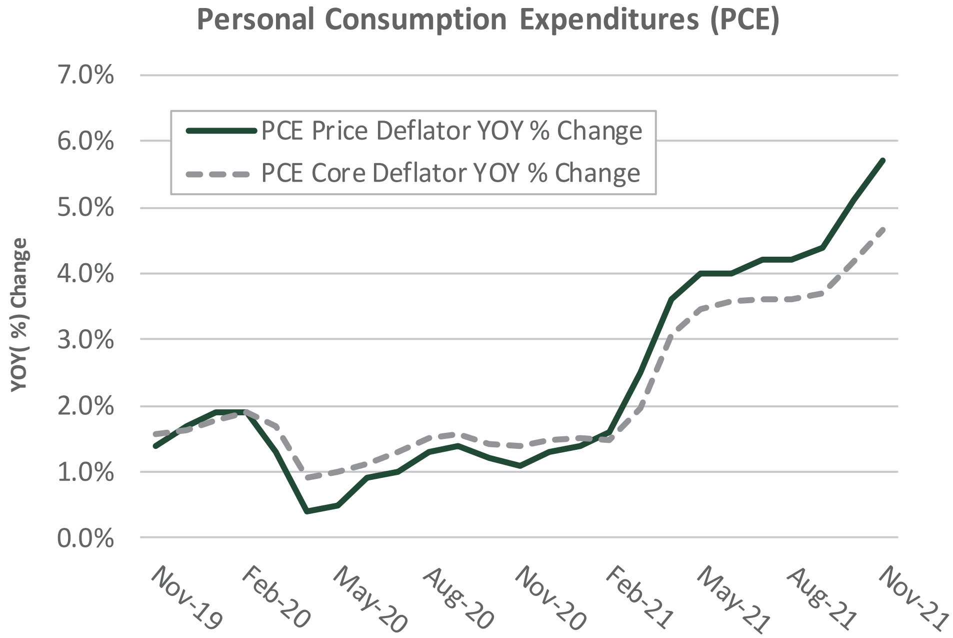
Source: US Department of Labor

In the most recent week, the number of initial jobless claims was 207,000, versus 200,000 in the prior week. The level of continuing unemployment claims (where the data is lagged by one week) was also little changed at 1.754 million versus 1.718 million in the prior week. Continuing jobless claims have declined significantly from the peak of nearly 25 million in May 2020, and are in the range of pre-pandemic levels (the 2019 average was 1.7 million).

Inflation



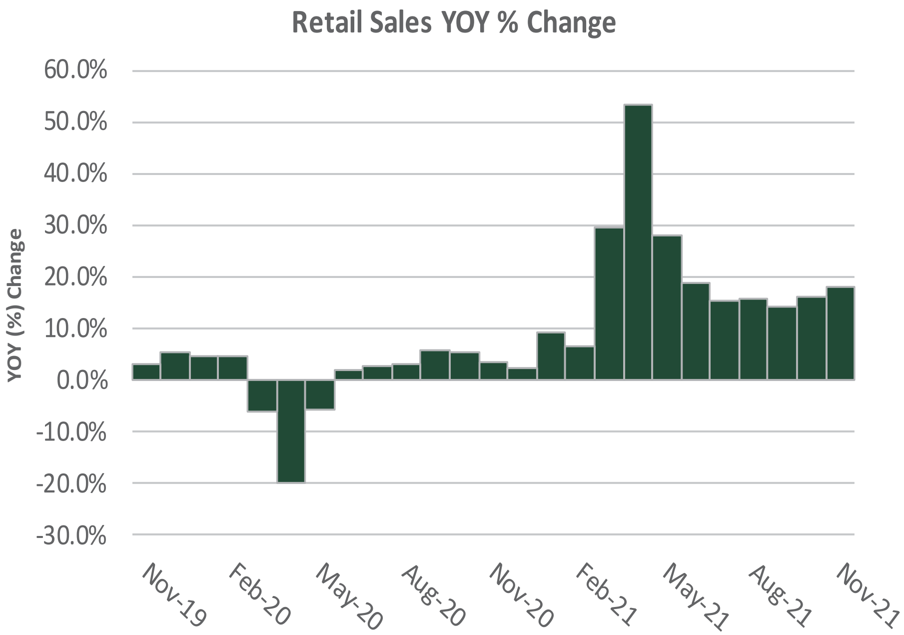
Source: US Department of Labor



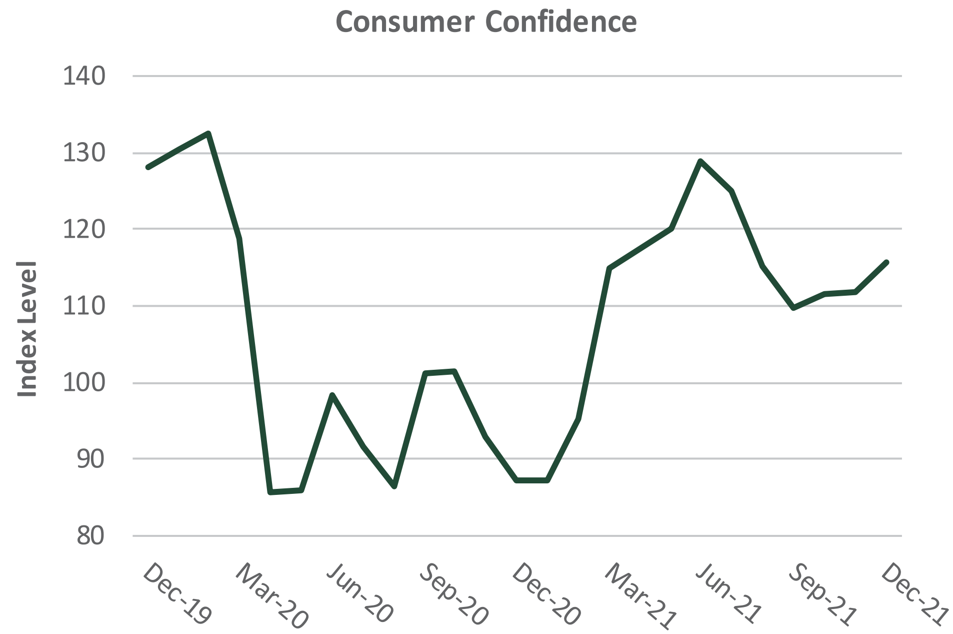
Source: US Department of Commerce

The Consumer Price Index (CPI) was up 6.8% year-over-year in November, versus up 6.2% year-over-year in October. Core CPI (CPI less food and energy) was up 4.9% year-over-year in November, versus up 4.6% in October. Pricing pressures were widespread in November, with notable gains for energy, food, used cars and trucks, new vehicles, and rent. The Personal Consumption Expenditures (PCE) index was up 5.7% year-over-year in November, up from 5.1% in October. Core PCE was up 4.7% year-over-year in November, versus up 4.2% in October. Current inflation readings continue to run well above the Fed's longer-run target of around 2.0%. Upward pressure on inflation from supply chain bottlenecks and pandemic-related disruptions is likely to remain elevated over the near-term.

Consumer



Source: US Department of Commerce

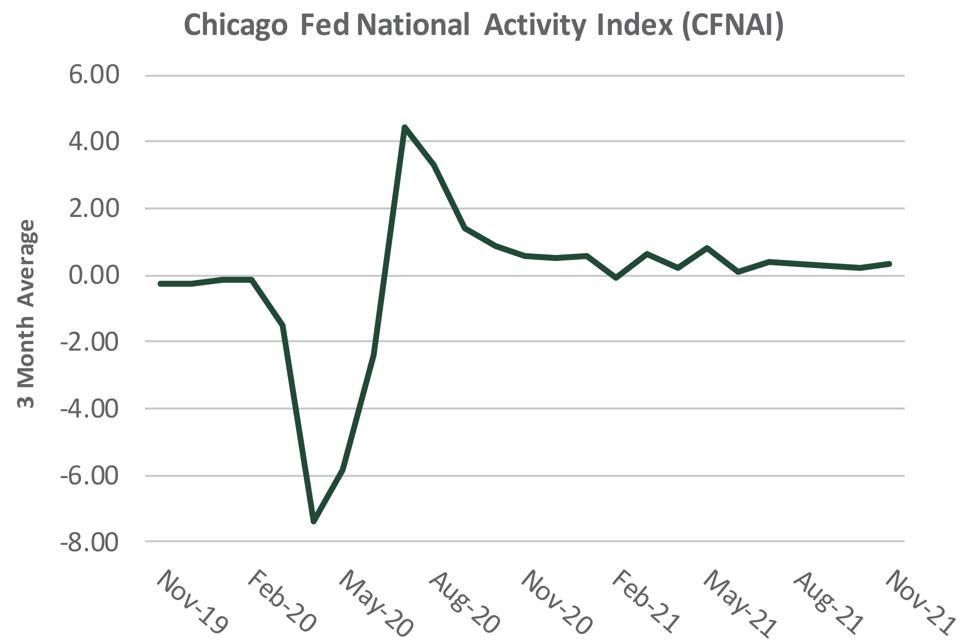


Source: The Conference Board

On a year-over-year basis, retail sales were up 18.2% in November versus up 16.3% in October. On a month-over-month basis, retail sales were softer than expected in November, up 0.3% versus expectations of 0.8%, but this followed an upwardly revised gain of 1.8% in October. In our view, the data suggests that consumers may have started shopping early this holiday season in anticipation of supply shortages. Higher gas prices seem to have taken some wallet share, with spending at gasoline stations up 1.7% month-over-month. Amid the current resurgence of virus cases, the outlook for December retail sales is uncertain, and nonstore retailers (online) may be poised to outperform. The Consumer Confidence index increased to 115.8 in December from 111.9 in November. The improvement came despite the arrival of the omicron variant and still elevated inflation.

Economic Activity

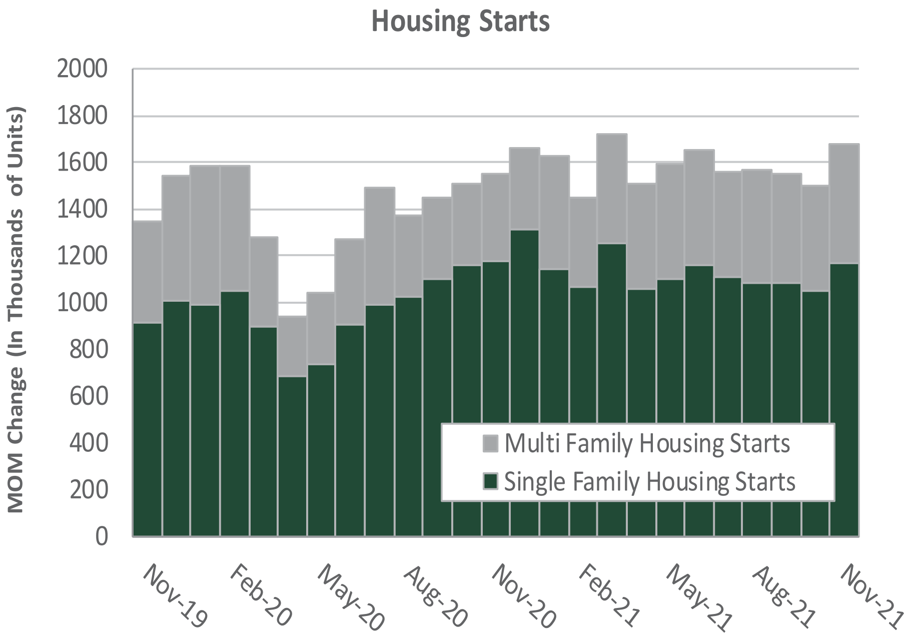
Source: The Conference Board



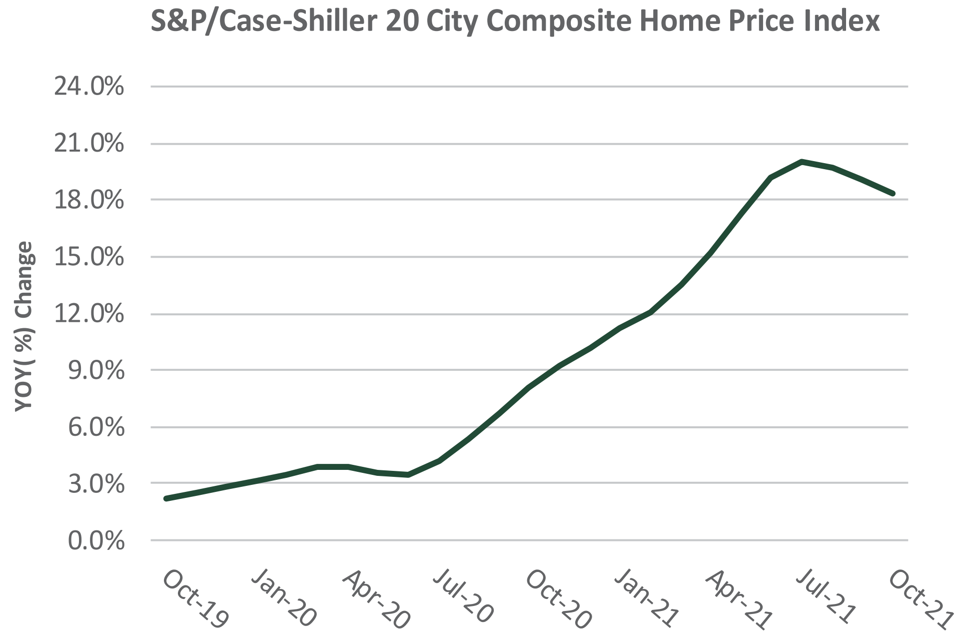
Source: Federal Reserve Bank of Chicago

The Conference Board's Leading Economic Index (LEI) increased 1.1% month-over-month in November, following a 0.9% increase in October. On a year-over-year basis, the LEI was up 9.8% in November versus up 9.6% in October. The Conference Board believes the strong gain in the LEI in November suggests that the economic expansion will continue into the first half of 2022, but they caution that ongoing supply chain headwinds and the current resurgence of the virus pose risks to the outlook. The Conference Board expects GDP growth to moderate in the first quarter to 2.2% versus their forecast of 6.5% growth in the fourth quarter of this year. Meanwhile, the Chicago Fed National Activity Index (CFNAI) declined to 0.37 in November from 0.76 in October. On a 3-month moving average basis, the CFNAI increased to 0.37 in November versus 0.21 in October.

Housing



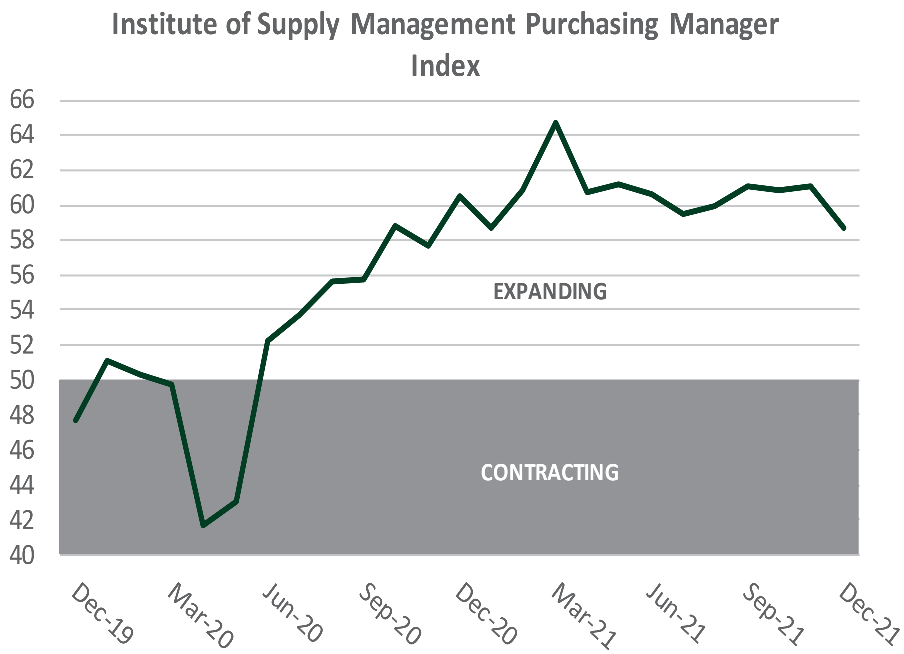
Source: US Department of Commerce



Source: S&P

Total housing starts jumped 11.8% in November to an annual pace of 1,679,000. Single-family starts increased 11.3% while multi-family starts increased 12.9%, month-over-month. On a year-over-year basis total housing starts were up 8.3% in November. According to the Case-Shiller 20-City home price index, home prices were up 18.4% year-over-year in October versus up 19.1% year-over-year in September, suggesting the acceleration in home prices is easing. However, tight supply will likely continue to support prices.

Manufacturing



Source: Institute for Supply Management

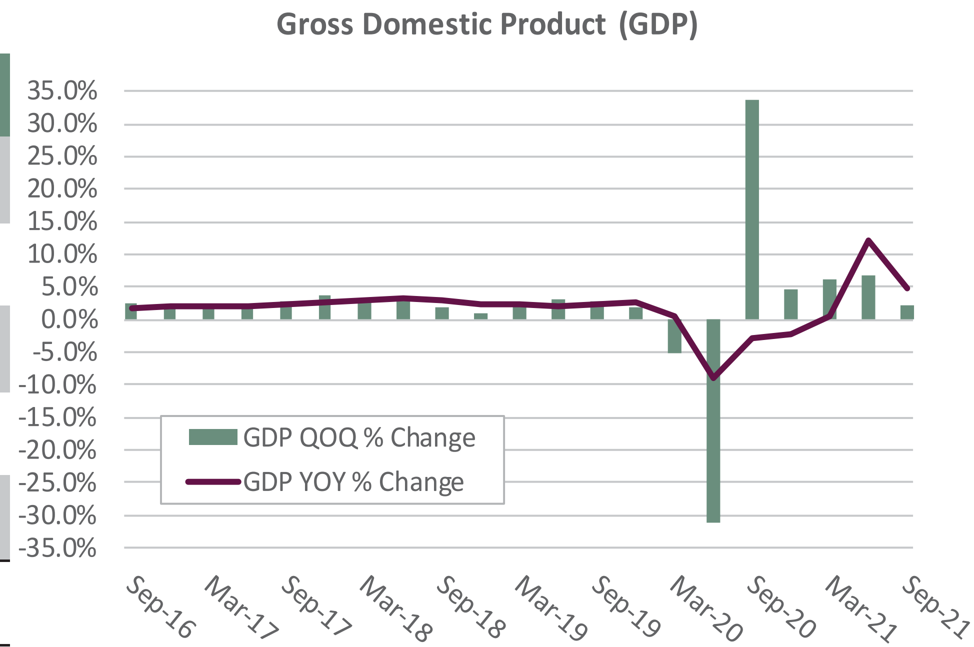
Source: Federal Reserve

The Institute for Supply Management (ISM) manufacturing index declined to 58.7 in December from 61.1 in November. Nevertheless, readings above 50.0 are indicative of expansion in the manufacturing sector. The Industrial Production index was up 5.3% in November, on par with October's year-over-year gain. On a month-over-month basis, the Industrial Production index increased 0.5% in November, following an upwardly revised 1.7% increase in October. Though manufacturing production likely remains constrained by supply chain bottlenecks, capacity utilization increased to 76.8% in November from 76.5% in October. Although capacity utilization remains below its longer-run average of 79.6%, it is running above the pre-pandemic level of 76.3%.

Gross Domestic Product (GDP)

Components of GDP	12/20	3/21	6/21	9/21
Personal Consumption Expenditures	2.3%	7.4%	7.9%	1.4%
Gross Private Domestic Investment	4.0%	-0.4%	-0.7%	2.1%
Net Exports and Imports	-1.7%	-1.6%	-0.2%	-1.3%
Federal Government Expenditures	-0.2%	0.8%	-0.4%	-0.4%
State and Local (Consumption and Gross Investment)	0.1%	0.0%	0.0%	0.5%
Total	**4.5%**	**6.3%**	**6.7%**	**2.3%**

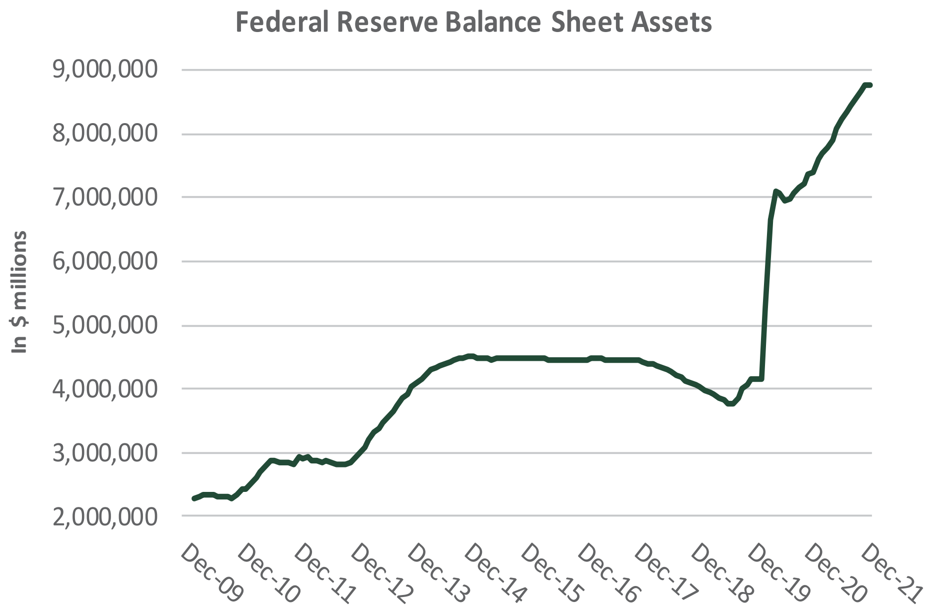
Source: US Department of Commerce



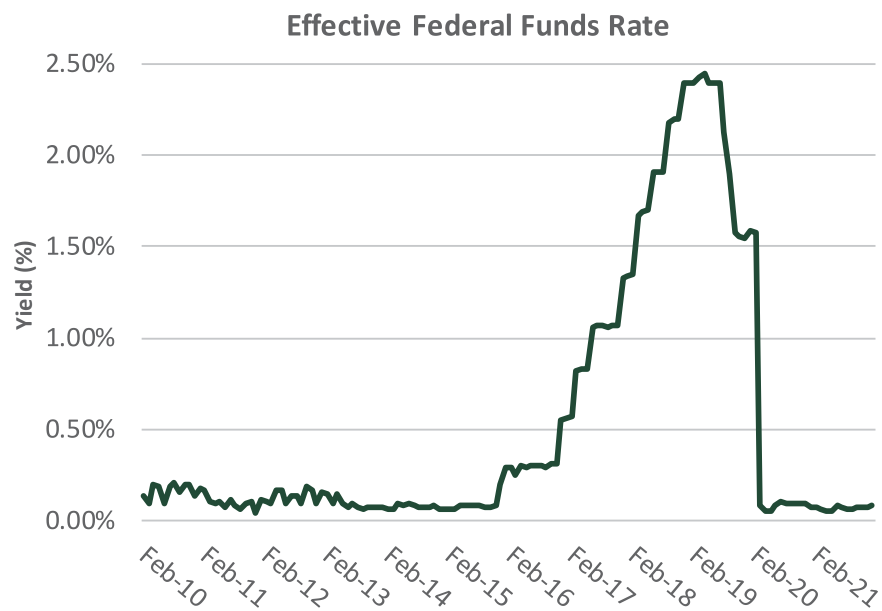
Source: US Department of Commerce

Real US gross domestic product (GDP) growth decelerated in the third quarter of 2021 amid widespread supply chain disruptions and a surge in the Covid Delta variant. However, third quarter growth was slightly better than previously estimated. According to the final estimate, third quarter GDP grew at an annualized rate of 2.3% in the third quarter, revised up from the second estimate of 2.1% and the advance estimate of 2.0%. This follows a much stronger pace of growth in the first half of 2021, with first and second quarter annualized GDP growth up 6.3% and 6.7%, respectively. The consensus estimate is 6.0% GDP growth in the fourth quarter, and 3.9% GDP growth in the current quarter. Though the impact on economic activity from each resurgence of the virus seems to lessen with each wave, we believe there is risk to the current quarter growth outlook.

Federal Reserve



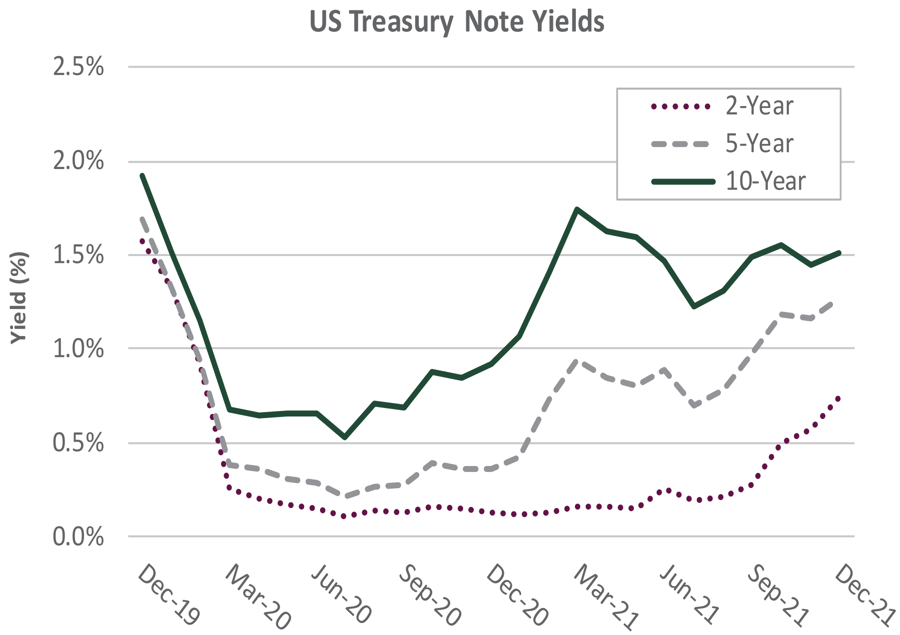
Source: Federal Reserve



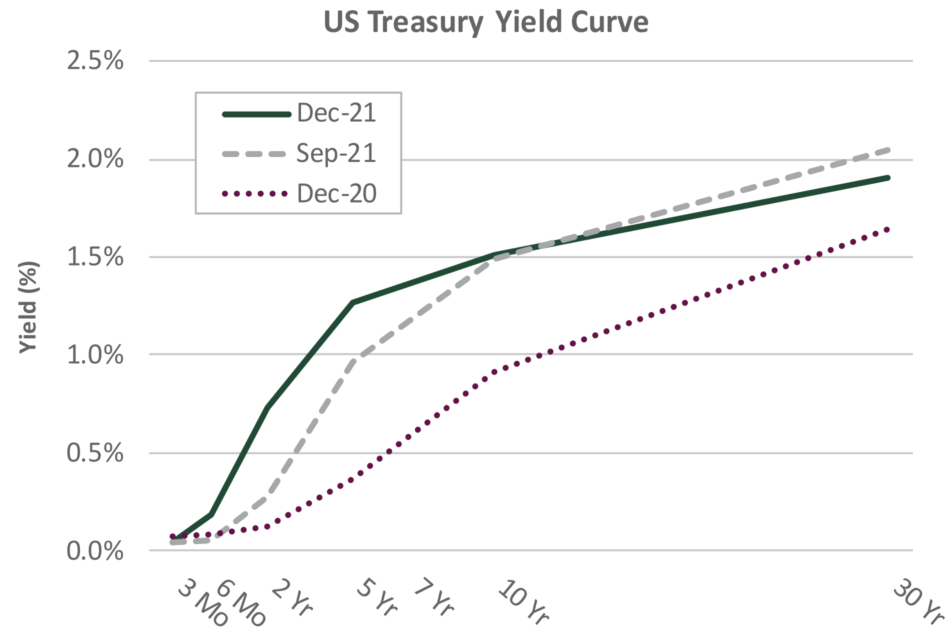
Source: Bloomberg

Last year, the Fed took a wide range of aggressive actions to help stabilize and provide liquidity to the financial markets. The Fed lowered the fed funds target rate to a range of 0.0%-0.25% and started purchasing Treasury and agency mortgage-backed securities (MBS) to support smooth market functioning. Last year, policymakers reinstated the Commercial Paper Funding Facility and Money Market Mutual Fund Liquidity Facility, and established the Primary Market Corporate Credit Facility, Secondary Market Corporate Credit Facility, Term Asset-Backed Securities Loan Facility, Paycheck Protection Program Liquidity Facility, Main Street Lending Facility, and Municipal Liquidity Facility. The Fed has also provided short-term funding through large-scale repo operations and lowered the reserve requirement for depository institutions. Many of the Fed's lending facilities expired at the end of 2020. In June 2021, the Fed announced plans to unwind its corporate credit facility. The Fed started to taper their Treasury and agency MBS purchases in November 2021, and we believe the Fed's bond-buying program is likely to end in the spring of 2022. The Fed has also signaled that they are likely to start hiking the fed funds target rate in 2022.

Bond Yields



Source: Bloomberg



Source: Bloomberg

At the end of December, the 2-year Treasury yield was about 61 basis points higher and the 10-Year Treasury yield was about 60 basis points higher, year-over-year. The spread between the 2-year Treasury yield and 10-year Treasury yield was 78 basis points at year-end compared to the average historical spread (since 2002) of about 135 basis points.

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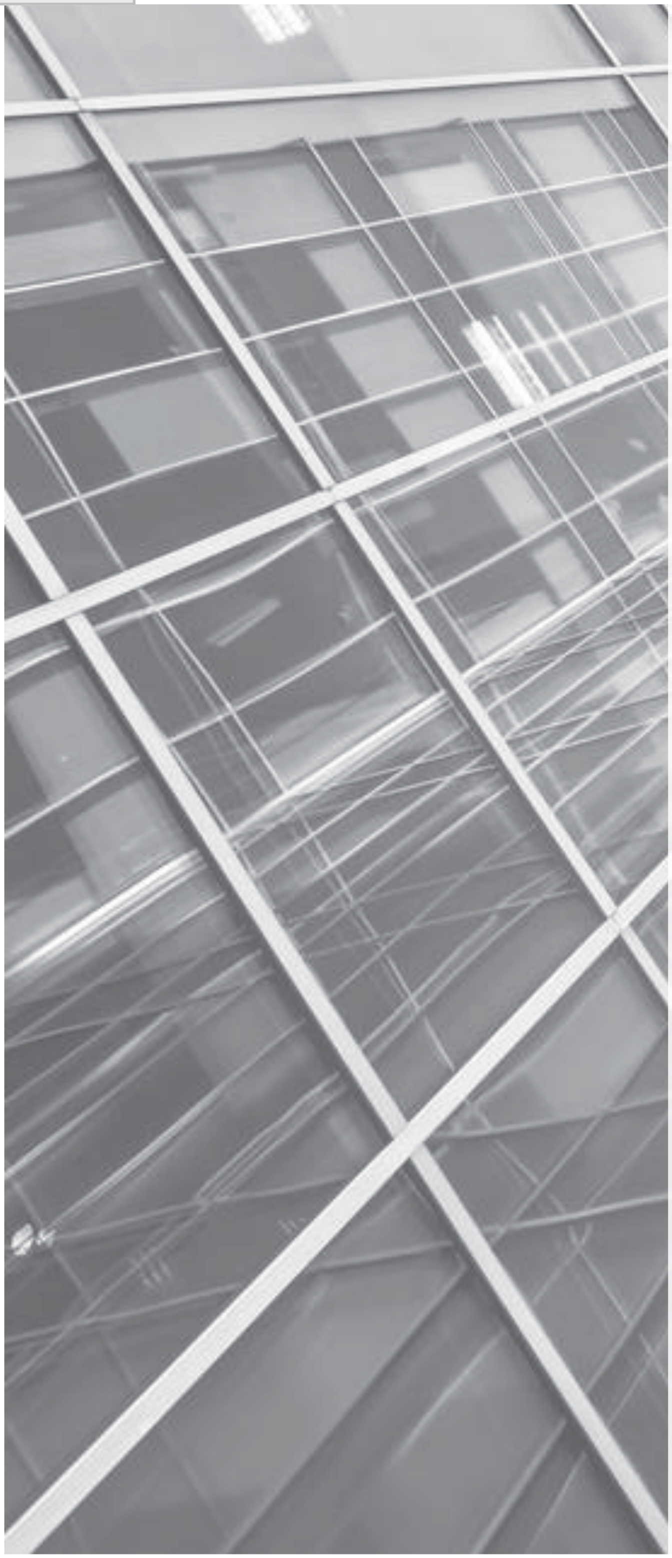


Section 2 | Account Profile

Objectives

As of December 31, 2021

Investment Objectives

The investment objectives of the Orange County Sanitation District are first, to provide safety of principal to ensure the preservation of capital in the overall portfolio; second, to provide sufficient liquidity to meet all operating requirements; and third, to earn a commensurate rate of return consistent with the constraints imposed by the safety and liquidity objectives.

Chandler Asset Management Performance Objective

Liquid Operating Monies – will be compared to the 3-month T-Bill rate and operate with a maximum maturity of one year. Long-Term Operating Monies – will be compared to the ICE BAML 1-5 Year Corporate Government Rated AAA – A Index.

Strategy

In order to achieve these objectives, the portfolio invests in high quality fixed income securities consistent with the investment policy and California Government Code.

Compliance

As of December 31, 2021

Orange County Sanitation District Long Term

Assets managed by Chandler Asset Management are in full compliance with state law and with the investment policy

Category	Standard	Comment
U.S. Treasuries	10% minimum; 5 years max maturity	*Complies**
Federal Agencies	20% max per agency of the U.S. Government, which does not provide the full faith and credit of the U.S. government; 5 years max maturity; Securities, obligations, participations, or other instruments of, or issued by, or fully guaranteed as to principal and interest by the US Government , a federal agency, or a US Government-sponsored enterprise	*Complies*
Supranational Obligations	"AA" rated or better by a NRSRO; 30% max; 5 years max maturity; U.S. dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development ("IBRD"), the International Finance Corporation ("IFC") or the Inter-American Development Bank ("IADB")	*Complies*
Municipal Securities	"A" rated or higher by a NRSRO; or as otherwise approved by the Board of Directors; Taxable or tax-exempt municipal bonds issued by any of the 50 states; 10% max; 5% max issuer; 5 years max maturity	*Complies*
Corporate Medium Term Notes	"A" rating category or better by a NRSRO; 30% max; 5% max per issuer; 5 years max maturity; Issued by corporations organized and operating within the U.S. or issued by depository institutions licensed by the U.S. or any state and operating within the U.S. with AUM >$500 million	*Complies*
Non- Agency Asset-Backed Securities, Mortgage-Backed Securities, CMOs	"AA" rating category or better by a NRSRO; 20% max(combined MBS/CMO/ABS); 5% max issuer (except U.S. government or its agencies) ; 5 years max maturity; Mortgage pass-through security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-backed certificate, consumer receivable pass-through certificate, or consumer receivable-backed bond	*Complies**
Negotiable Certificates of Deposit (NCD)	"A" rating or better long term debt by a NRSRO; or highest short term rating for deposits by a NRSRO; or as otherwise approved by the Board of Directors; 30% max; 5% max issuer; 5 years max maturity; Negotiable certificates of deposit issued by a nationally or state-chartered bank or state of federal savings and loan association, as defined by Section 5102 of the California Financial Code	*Complies*
Certificates of Deposit	5% max issuer; 5 years max maturity; Secured (collateralized) time deposits issued by a nationally or state-chartered bank or state or federal savings and loan association, as defined by Section 5102 of the California Financial Code and having a net operating profit in the two most recently completed fiscal years; Collateral must comply with California Government Code	*Complies*
Banker's Acceptances	A-1 rated or highest short term rating by a NRSRO; 40% max; 5% max issuer; 180 days max maturity; Acceptance is eligible for purchase by the Federal Reserve System	*Complies*
Commercial Paper	A-1 rated or better by a NRSRO; "A" long term debt rating or better by a NRSRO; Issued by a domestic corporation organized and operating in the U.S. with assets > $500 million; 25% max; 5% max issuer; 10% max of the outstanding commercial paper of any single issuer; 270 days max maturity	*Complies*
Mutual Fund & Money Market Mutual Fund	Highest rating or "AAA" rated by two NRSROs; or SEC registered adviser with AUM >$500 million and experience > than 5 years; 20% max in Mutual Funds; 10% max per one Mutual Fund; 20% max per issuer on Money Market Mutual Funds and are not subject to the 10% stipulation	*Complies*
Local Agency Investment Fund (LAIF)	No more than the statutory maximum may be invested in LAIF; Not used by investment adviser; Investment of OCSD funds in LAIF shall be subject to investigation and due diligence prior to investing, and on a continual basis to a level of review pursuant to the policy	*Complies*

Compliance

As of December 31, 2021

Orange County Sanitation District Long Term

Assets managed by Chandler Asset Management are in full compliance with state law and with the investment policy

Category	Standard	Comment
Orange County Treasurer's Money Market Commingled Investment Pool (OCCIP)	15% max; Not used by investment adviser; Orange County Treasurer's Money Market Commingled Investment Pool; Investment of OCSD funds in OCCIP would be subject to investigation and due diligence prior to investing and on continual basis to a level of review pursuant to the policy	*Complies*
Repurchase Agreements	20% max; 102% collateralization	*Complies*
Reverse Repurchase Agreements	5% max, 90 days max maturity	*Complies*
Prohibited	Mortgage Derivatives, which include interest-only payments (IOs) and principal-only payments (POs); Inverse floaters, and RE-REMICS (Real Estate Mortgage Investment Conduits)	*Complies*
Securities Downgrade	If securities owned by the OCSD are downgraded below the quality required by the Investment Policy, it shall be OCSD's policy to review the credit situation and make a determination as to whether to sell or retain such securities in the portfolio. If a decision is made to retain the downgraded securities in the portfolio, their presence in the portfolio will be monitored and reported quarterly to the OCSD General Manager, the Administration Committee and Board of Directors	*Complies*
Avg Duration	Not to exceed 60 months - (80% to 120% of the benchmark)	*Complies*
Max Per Holding	5% max of the total debt outstanding of any issuer per individual holding	*Complies*
Max Per Issuer	5% max per issuer (except Supranationals, U.S. Government, Agencies, Mutual Funds); 20% max per issuer on Money Market Mutual Funds	*Complies*
Maximum Maturity	5 years max maturity	*Complies**

**The portfolio has nineteen (19) securities with maturities greater than 5 years including four (4) CMOs and sixteen (15) MBS. All securities were inherited from the previous manager and complied at time of purchase.*

Portfolio Characteristics

As of December 31, 2021

Orange County Sanitation District Long Term

	12/31/2021		9/30/2021
	Benchmark*	Portfolio	Portfolio
Average Maturity (yrs)	2.69	2.58	2.78
Average Modified Duration	2.59	2.37	2.54
Average Purchase Yield	n/a	1.38%	1.45%
Average Market Yield	0.93%	0.82%	0.50%
Average Quality**	AAA	AA+/Aa1	AA/Aa1
Total Market Value		742,225,778	686,382,940

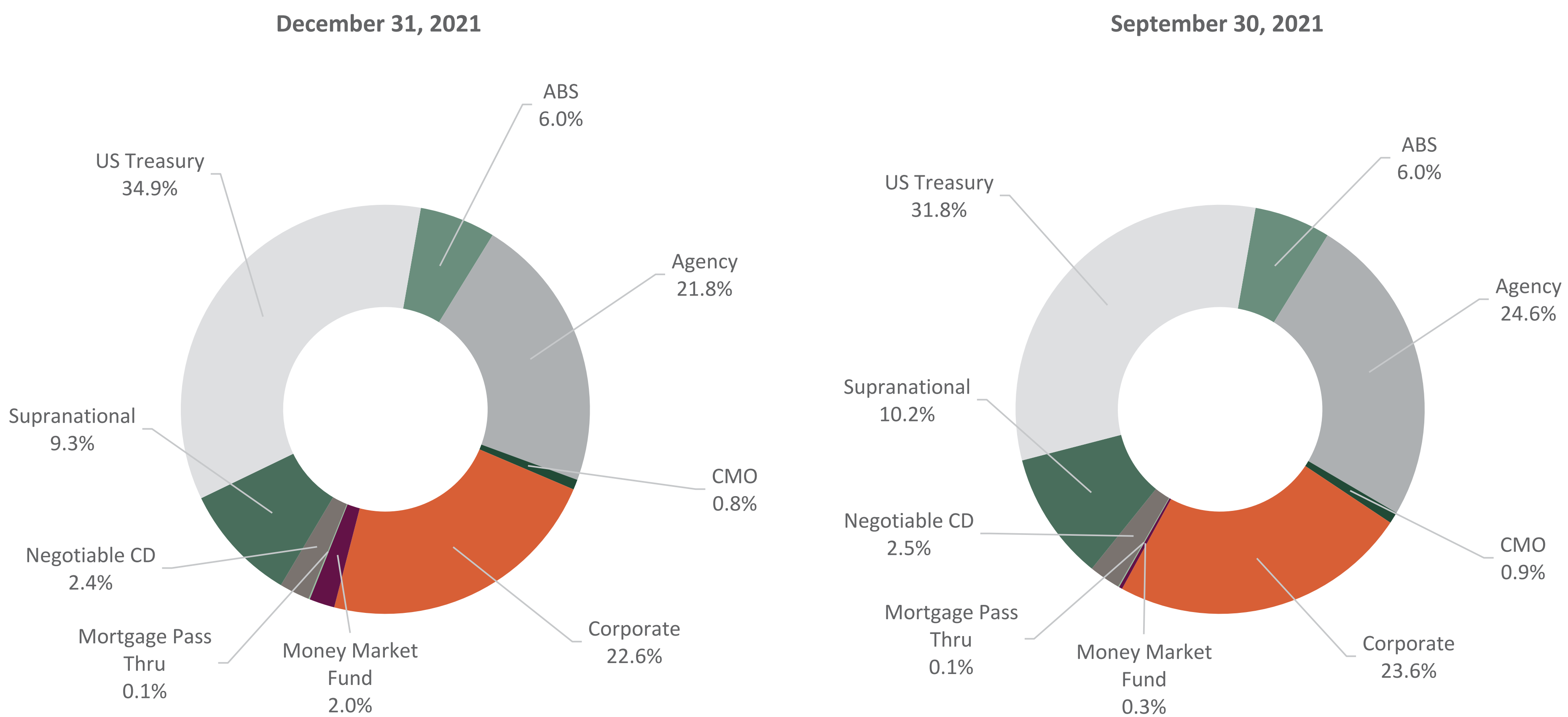
**ICE BofA 1-5 Yr AAA-A US Corp & Govt Index*
***Benchmark is a blended rating of S&P, Moody's, and Fitch. Portfolio is S&P and Moody's respectively.*

Many securities were purchase in the Treasury, Asset Backed, and Corporate sectors of the market to keep the portfolio invested to strategy and spend down the net $60 million contributed during the quarter. The purchased securities ranged in maturity from April 2022 to October 2026. A few securities were sold and one matured during the reporting period.

Sector Distribution

As of December 31, 2021

Orange County Sanitation District Long Term



The sector allocation changed moderately during the reporting period. The two largest changes were the 3.1% increase in the Treasury allocation to 34.9% of the portfolio, partially offset by the 2.8% decline in the Agency allocation.

Issuers

As of December 31, 2021

Orange County Sanitation District Long Term – Account #10268

Issue Name	Investment Type	% Portfolio
Government of United States	US Treasury	34.92%
Federal National Mortgage Association	Agency	8.99%
Federal Home Loan Bank	Agency	6.21%
Inter-American Dev Bank	Supranational	5.18%
Federal Home Loan Mortgage Corp	Agency	4.75%
Intl Bank Recon and Development	Supranational	4.16%
First American Govt Obligation Fund Class-Z	Money Market Fund	1.96%
Federal Farm Credit Bank	Agency	1.89%
Bank of America Corp	Corporate	1.58%
JP Morgan Chase & Co	Corporate	1.53%
Royal Bank of Canada	Corporate	1.45%
Bank of Montreal Chicago	Corporate	1.36%
Charles Schwab Corp/The	Corporate	1.31%
Hyundai Auot Receivables	ABS	1.30%
US Bancorp	Corporate	1.29%
Morgan Stanley	Corporate	1.18%
Chubb Corporation	Corporate	1.14%
Toronto Dominion Holdings	Corporate	1.13%
Apple Inc	Corporate	0.98%
Toyota Motor Corp	Corporate	0.97%
Honda ABS	ABS	0.96%
Nordea Bank ABP New York	Negotiable CD	0.94%
Berkshire Hathaway	Corporate	0.89%
John Deere ABS	ABS	0.88%
PNC Financial Services Group	Corporate	0.84%
Qualcomm Inc	Corporate	0.83%
Svenska Handelsbanken NY	Negotiable CD	0.81%
Federal Home Loan Mortgage Corp	CMO	0.78%
Wal-Mart Stores	Corporate	0.77%
Amazon.com Inc	Corporate	0.73%
Intel Corp	Corporate	0.70%
Bank of New York	Corporate	0.69%
Honeywell Corp	Corporate	0.68%
Bank of Nova Scotia Houston	Negotiable CD	0.67%
Honda Motor Corporation	Corporate	0.57%
Mercedes-Benz Auto Lease Trust	ABS	0.57%
Hyundai Auto Lease Securitization	ABS	0.56%
Metlife Inc	Corporate	0.50%

Issuers

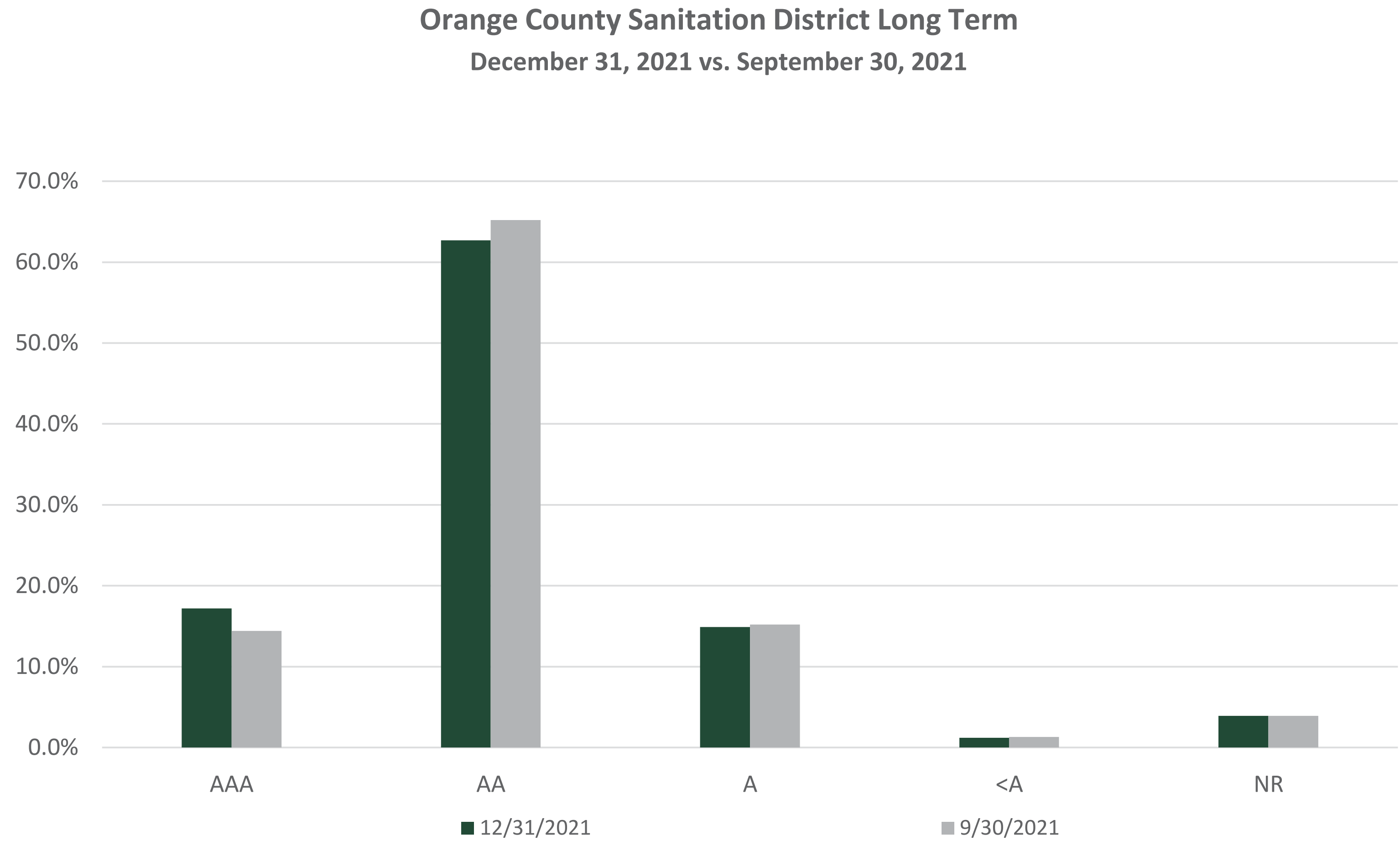
As of December 31, 2021

Orange County Sanitation District Long Term – Account #10268

Issue Name	Investment Type	% Portfolio
ChevronTexaco Corp	Corporate	0.49%
Toyota Lease Owner Trust	ABS	0.43%
Nissan ABS	ABS	0.41%
Toyota ABS	ABS	0.40%
Merck & Company	Corporate	0.28%
BMW Vehicle Lease Trust	ABS	0.28%
United Health Group Inc	Corporate	0.23%
GM Financial Securitized Term Auto Trust	ABS	0.23%
Salesforce.com Inc	Corporate	0.18%
Deere & Company	Corporate	0.18%
BlackRock Inc/New York	Corporate	0.14%
Federal National Mortgage Association	Mortgage Pass Thru	0.05%
AMRESCO Residental Securities Corp	CMO	0.02%
Federal National Mortgage Association	CMO	0.01%
GNMA	Mortgage Pass Thru	0.01%
SLM Corp	ABS	0.00%
Federal Home Loan Mortgage Corp	Mortgage Pass Thru	0.00%
TOTAL		**100.00%**

Quality Distribution

As of December 31, 2021



	AAA	AA	A	<A	NR
12/31/21	17.2%	62.7%	14.9%	1.2%	3.9%
09/30/21	14.4%	65.2%	15.2%	1.3%	3.9%

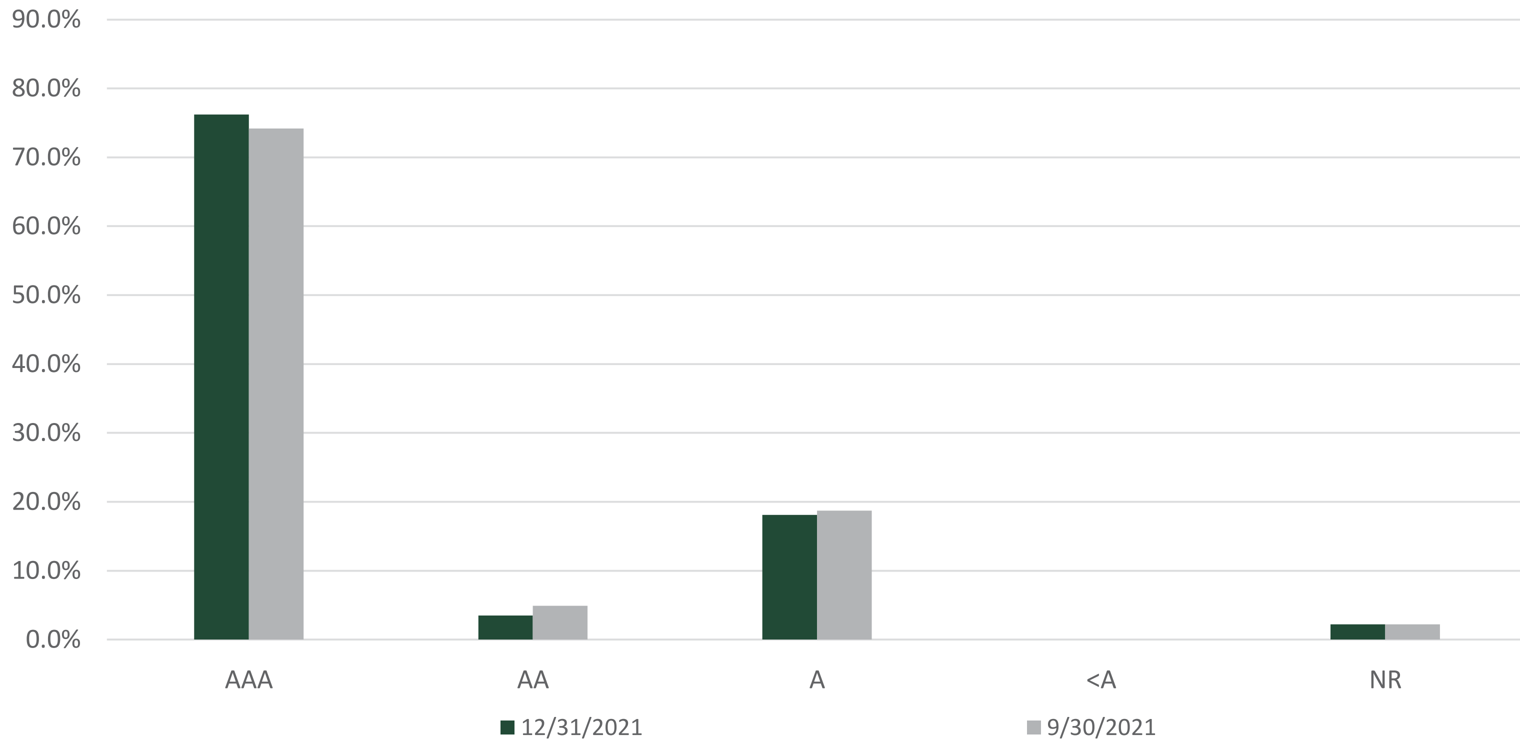
Source: S&P Ratings

Quality Distribution

As of December 31, 2021

Orange County Sanitation District Long Term

December 31, 2021 vs. September 30, 2021

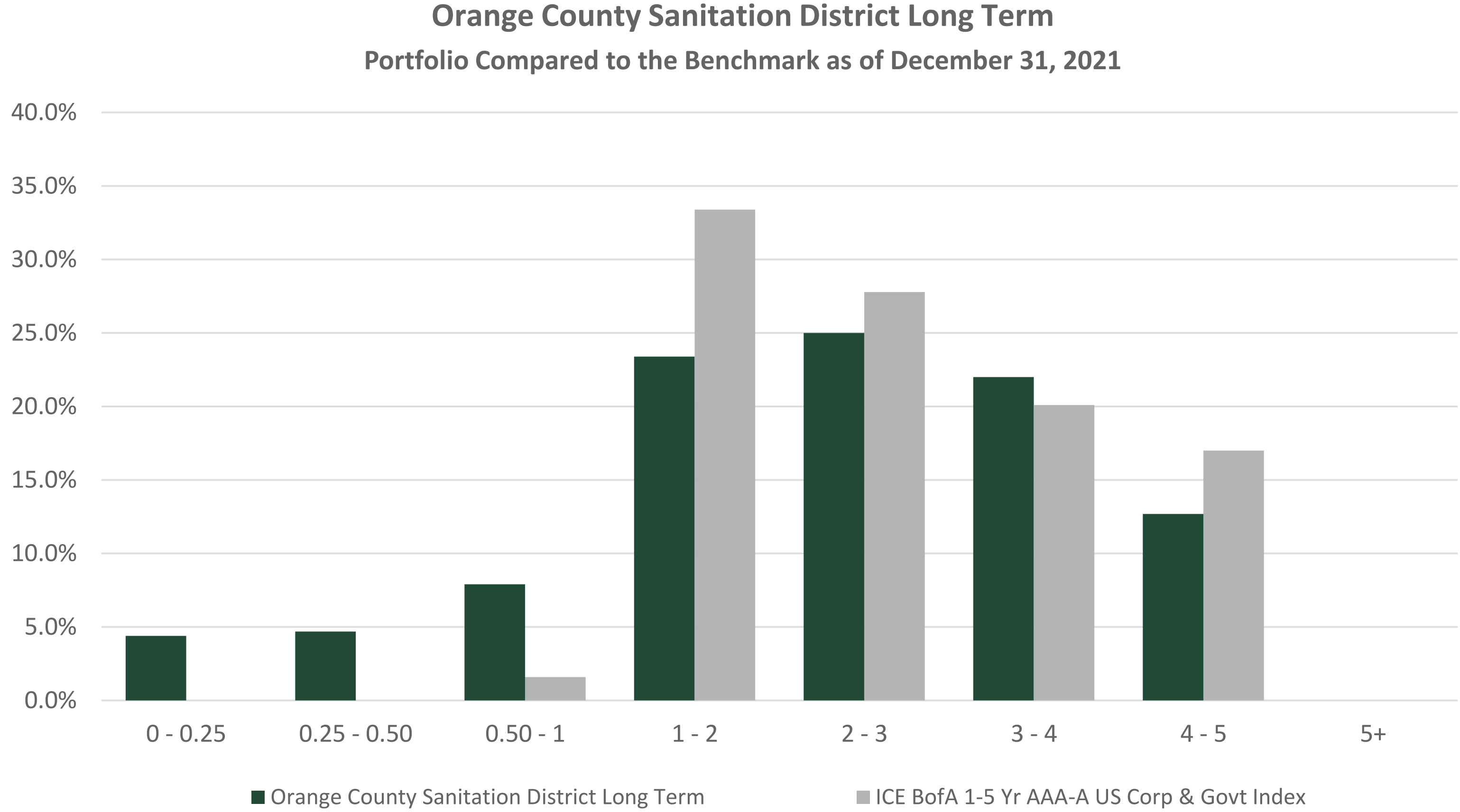


	AAA	AA	A	<A	NR
12/31/21	76.2%	3.5%	18.1%	0.0%	2.2%
09/30/21	74.2%	4.9%	18.7%	0.0%	2.2%

Source: Moody's Ratings

Duration Distribution

As of December 31, 2021



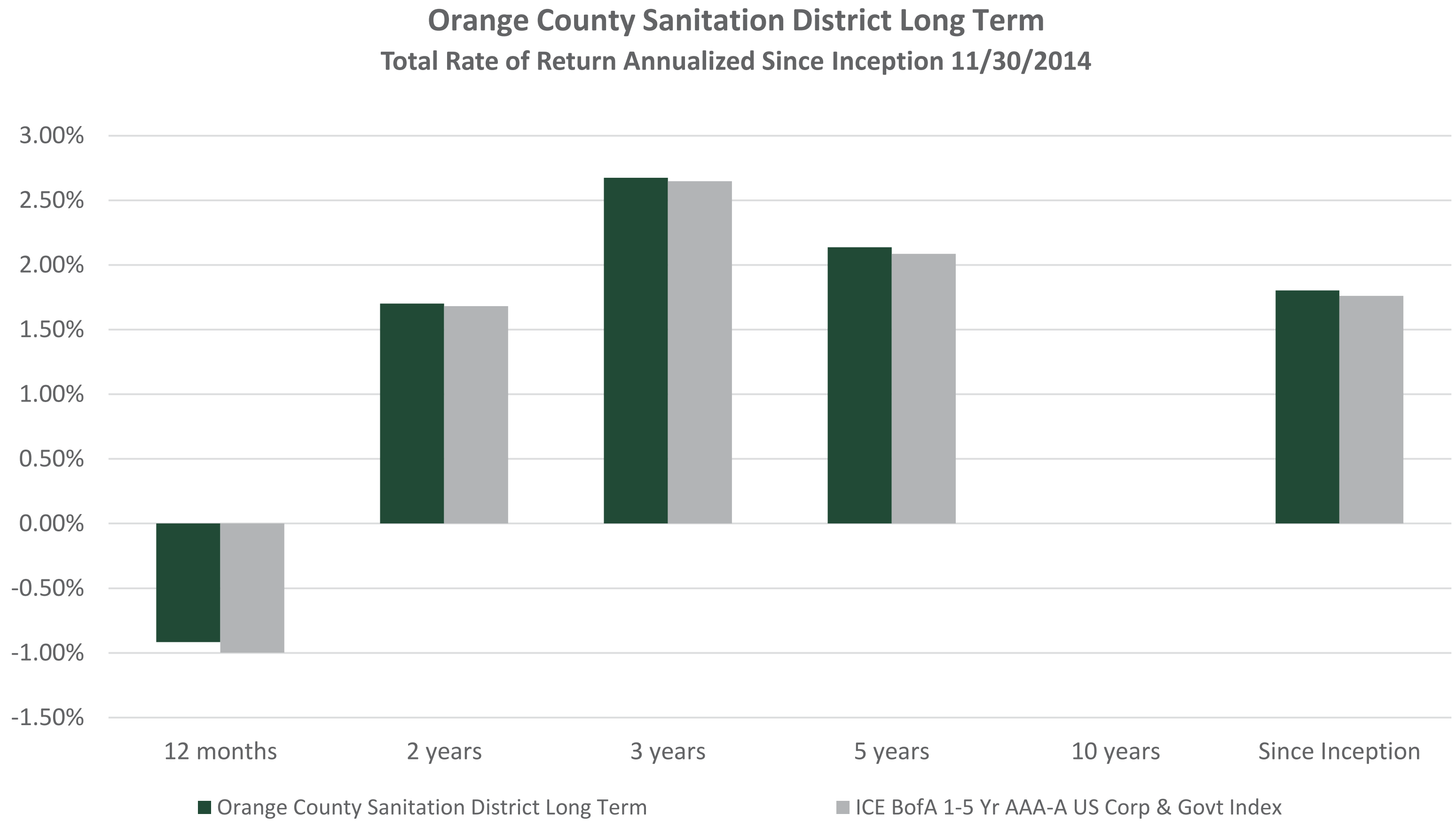
	0 - 0.25	0.25 - 0.50	0.50 - 1	1 - 2	2 - 3	3 - 4	4 - 5	5+
Portfolio	4.4%	4.7%	7.9%	23.4%	25.0%	22.0%	12.7%	0.0%
Benchmark*	0.0%	0.0%	1.6%	33.4%	27.8%	20.1%	17.0%	0.0%

**ICE BofA 1-5 Yr AAA-A US Corp & Govt Index*

The duration of the portfolio contracted to 2.37 as of December 31, 2021, compared to 2.54 as of September 30, 2021. $50 million of the net $60 million contributed to the portfolio took place in late December and the Chandler team was conservative in reinvesting the new funds due to an expected pick up in market activity in early January 2022. The duration will be migrating higher in the first month of 2022.

Investment Performance

As of December 31, 2021



			Annualized				
TOTAL RATE OF RETURN	**3 months**	**12 months**	**2 years**	**3 years**	**5 years**	**10 years**	**Since Inception**
Orange County Sanitation District Long Term	-0.63%	-0.92%	1.70%	2.67%	2.14%	N/A	1.80%
ICE BofA 1-5 Yr AAA-A US Corp & Govt Index	-0.69%	-1.00%	1.68%	2.65%	2.09%	N/A	1.76%

Total rate of return: A measure of a portfolio's performance over time. It is the internal rate of return, which equates the beginning value of the portfolio with the ending value; it includes interest earnings, realized and unrealized gains and losses in the portfolio.

Compliance

As of December 31, 2021

Orange County Sanitation District Liquid

Assets managed by Chandler Asset Management are in full compliance with state law and with the investment policy

Category	Standard	Comment
U.S. Treasuries	10% minimum; 1 year max maturity	*Complies*
Federal Agencies	20% max per agency of the U.S. Government, which does not provide the full faith and credit of the U.S. government; 1 year max maturity; Securities, obligations, participations, or other instruments of, or issued by, or fully guaranteed as to principal and interest by the US Government , a federal agency, or a US Government-sponsored enterprise	*Complies*
Supranational Obligations	"AA" rated or better by a NRSRO; 30% max; 1 year max maturity; U.S. dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development ("IBRD"), the International Finance Corporation ("IFC") or the Inter-American Development Bank ("IADB")	*Complies*
Municipal Securities	"A" rated or higher by a NRSRO; or as otherwise approved by the Board of Directors; Taxable or tax-exempt municipal bonds issued by any of the 50 states; 10% max; 5% max issuer; 1 year max maturity	*Complies*
Corporate Medium Term Notes	"A" rating category or better by a NRSRO; 30% max; 5% max per issuer; 1 year max maturity; Issued by corporations organized and operating within the U.S. or issued by depository institutions licensed by the U.S. or any state and operating within the U.S. with AUM >$500 million	*Complies*
Non- Agency Asset-Backed Securities, Mortgage-Backed Securities, CMOs	"AA" rating category or better by a NRSRO; 20% max (combined MBS/CMO/ABS); 5% max issuer (except U.S. government or its agencies) ; 1 year max maturity; Mortgage pass-through security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-backed certificate, consumer receivable pass-through certificate, or consumer receivable-backed bond	*Complies*
Negotiable Certificates of Deposit (NCD)	"A" rating or better long term debt by a NRSRO; or highest short term rating for deposits by a NRSRO; or as otherwise approved by the Board of Directors; 30% max; 5% max issuer; 1 year max maturity; Negotiable certificates of deposit issued by a nationally or state-chartered bank or state of federal savings and loan association, as defined by Section 5102 of the California Financial Code	*Complies*
Certificates of Deposit	5% max issuer; 1 year max maturity; Secured (collateralized) time deposits issued by a nationally or state-chartered bank or state or federal savings and loan association, as defined by Section 5102 of the California Financial Code and having a net operating profit in the two most recently completed fiscal years; Collateral must comply with California Government Code	*Complies*
Banker's Acceptances	A-1 rated or highest short term rating by a NRSRO; 40% max; 5% max issuer; 180 days max maturity; Acceptance is eligible for purchase by the Federal Reserve System	*Complies*
Commercial Paper	A-1 rated or better by a NRSRO; "A" long term debt rating or better by a NRSRO; Issued by a domestic corporation organized and operating in the U.S. with assets > $500 million; 25% max; 5% max issuer; 10% max of the outstanding commercial paper of any single issuer; 270 days max maturity	*Complies*
Mutual Fund & Money Market Mutual Fund	Highest rating or "AAA" rated by two NRSROs; or SEC registered adviser with AUM >$500 million and experience > than 5 years; 20% max in Mutual Funds; 10% max per one Mutual Fund; 20% max per issuer on Money Market Mutual Funds and are not subject to the 10% stipulation	*Complies*
Local Agency Investment Fund (LAIF)	No more than the statutory maximum may be invested in LAIF; Not used by investment adviser; Investment of OCSD funds in LAIF shall be subject to investigation and due diligence prior to investing, and on a continual basis to a level of review pursuant to the policy	*Complies*

Compliance

As of December 31, 2021

Orange County Sanitation District Liquid

Assets managed by Chandler Asset Management are in full compliance with state law and with the investment policy

Category	Standard	Comment
Orange County Treasurer's Money Market Commingled Investment Pool (OCCIP)	15% max; Not used by investment adviser; Orange County Treasurer's Money Market Commingled Investment Pool; Investment of OCSD funds in OCCIP would be subject to investigation and due diligence prior to investing and on continual basis to a level of review pursuant to the policy	*Complies*
Repurchase Agreements	20% max; 102% collateralization	*Complies*
Reverse Repurchase Agreements	5% max, 90 days max maturity	*Complies*
Prohibited	Mortgage Derivatives, which include interest-only payments (IOs) and principal-only payments (POs); Inverse floaters, and RE-REMICS (Real Estate Mortgage Investment Conduits)	*Complies*
Securities Downgrade	If securities owned by the OCSD are downgraded below the quality required by the Investment Policy, it shall be OCSD's policy to review the credit situation and make a determination as to whether to sell or retain such securities in the portfolio. If a decision is made to retain the downgraded securities in the portfolio, their presence in the portfolio will be monitored and reported quarterly to the OCSD General Manager, the Administration Committee and Board of Directors	*Complies*
Avg Duration	Not to exceed 180 days	*Complies*
Max Per Holding	5% max of the total debt outstanding of any issuer per individual holding	*Complies*
Max Per Issuer	5% max per issuer (except Supranationals, U.S. Government, Agencies, Mutual Funds); 20% max per issuer on Money Market Mutual Funds	*Complies*
Maximum Maturity	1 year max maturity	*Complies*

Portfolio Characteristics

As of December 31, 2021

Orange County Sanitation District Liquid

	12/31/2021		9/30/2021
	Benchmark*	Portfolio	Portfolio
Average Maturity (yrs)	0.16	0.27	0.45
Average Modified Duration	0.15	0.27	0.45
Average Purchase Yield	n/a	0.11%	0.08%
Average Market Yield	0.03%	0.18%	0.09%
Average Quality**	AAA	AA+/Aaa	AA+/Aaa
Total Market Value		230,856,942	129,858,408

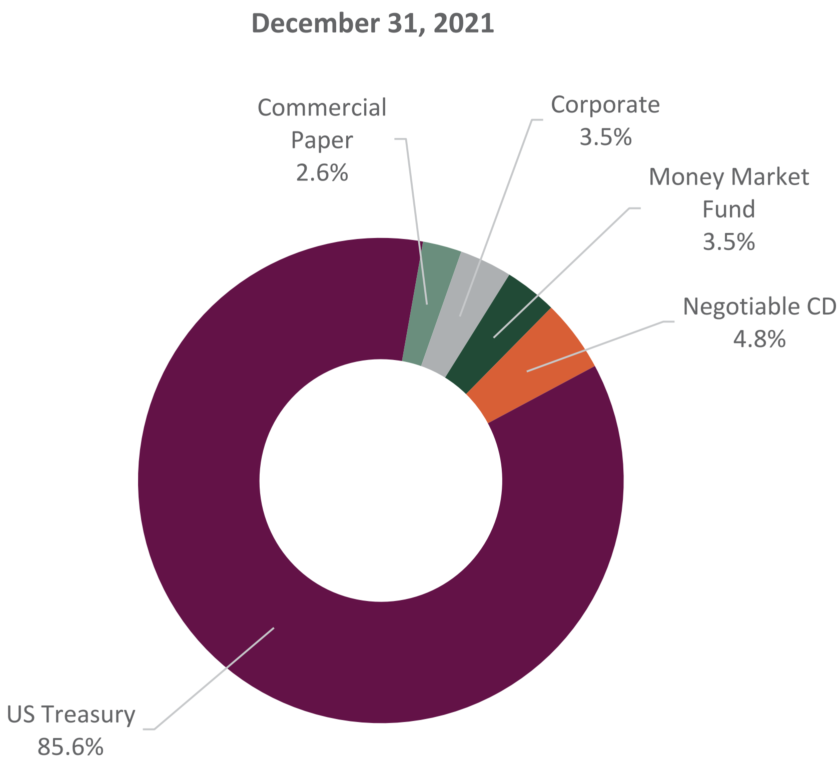
**ICE BofA 3-Month US Treasury Bill Index*
***Benchmark is a blended rating of S&P, Moody's, and Fitch. Portfolio is S&P and Moody's respectively.*

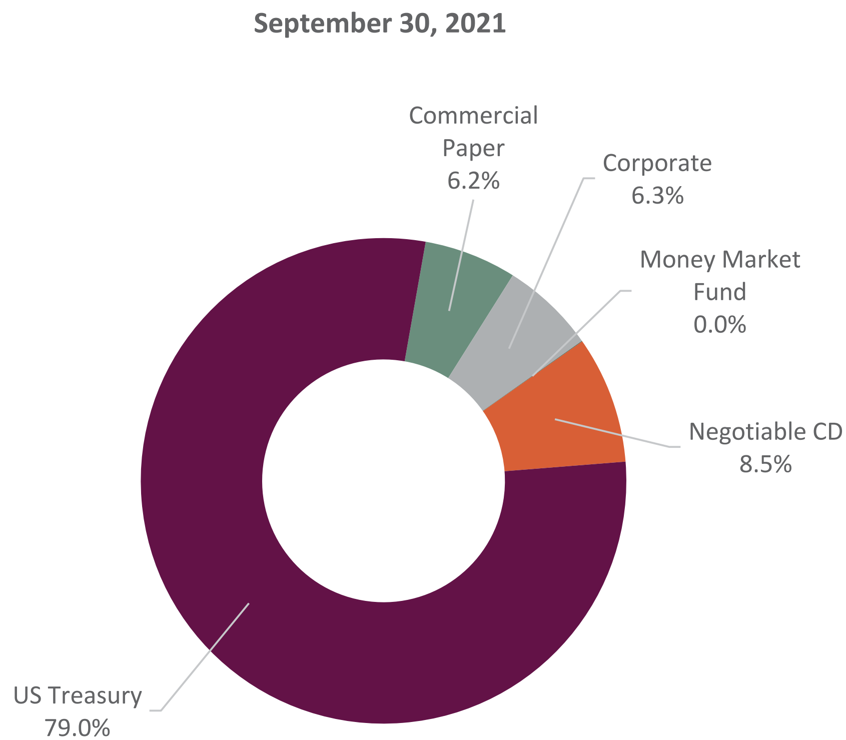
Multiple securities were purchased in the Treasury sector to spend down residual cash and account for upcoming liquidity needs. The purchased securities ranged in maturity from January 2022 to July 2022, corresponding to the heavy cash flow needs at the end of January, June, and early August. A net of $101 million was contributed to the portfolio during the quarter.

Sector Distribution

As of December 31, 2021

Orange County Sanitation District Liquid





The asset allocation adjusted due to the large cash contribution during the quarter. Notably the Treasury allocation increased by 6.6%, to 85.6% of the portfolio, as the new monies were invested in the Treasury sector to offset upcoming liquidity needs.

Issuers

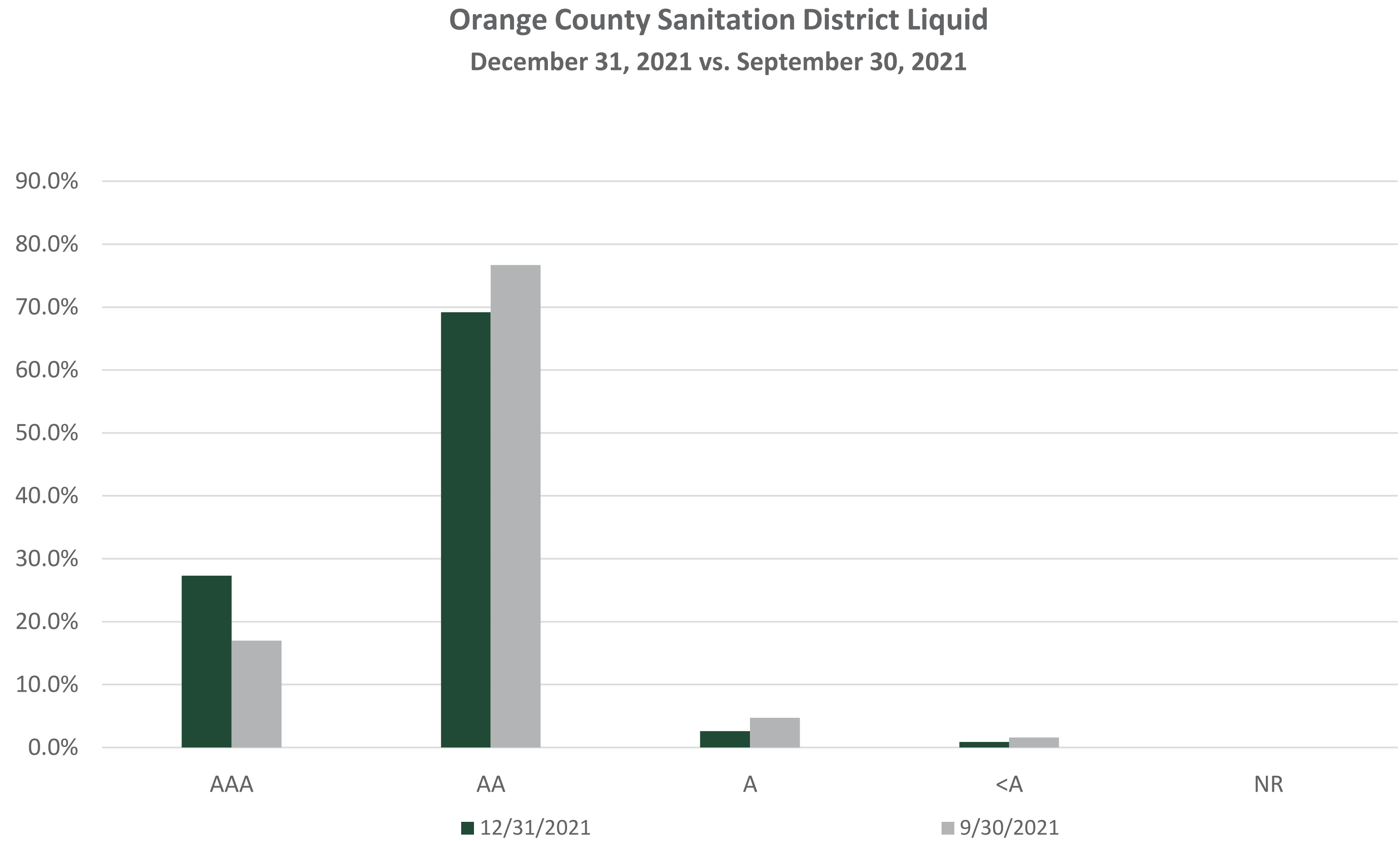
As of December 31, 2021

Orange County Sanitation District Liquid – Account #10282

Issue Name	Investment Type	% Portfolio
Government of United States	US Treasury	85.63%
First American Govt Obligation Fund Class-Z	Money Market Fund	3.50%
Toyota Motor Corp	Commercial Paper	1.73%
Nordea Bank ABP New York	Negotiable CD	1.30%
Svenska Handelsbanken NY	Negotiable CD	1.30%
Bank of Nova Scotia Houston	Negotiable CD	1.30%
Caterpillar Inc	Corporate	0.88%
Morgan Stanley	Corporate	0.88%
Truist Financial Corporation	Corporate	0.88%
Honda Motor Corporation	Corporate	0.87%
Toronto Dominion Holdings	Negotiable CD	0.87%
MUFG Bank Ltd/NY	Commercial Paper	0.87%
TOTAL		**100.00%**

Quality Distribution

As of December 31, 2021

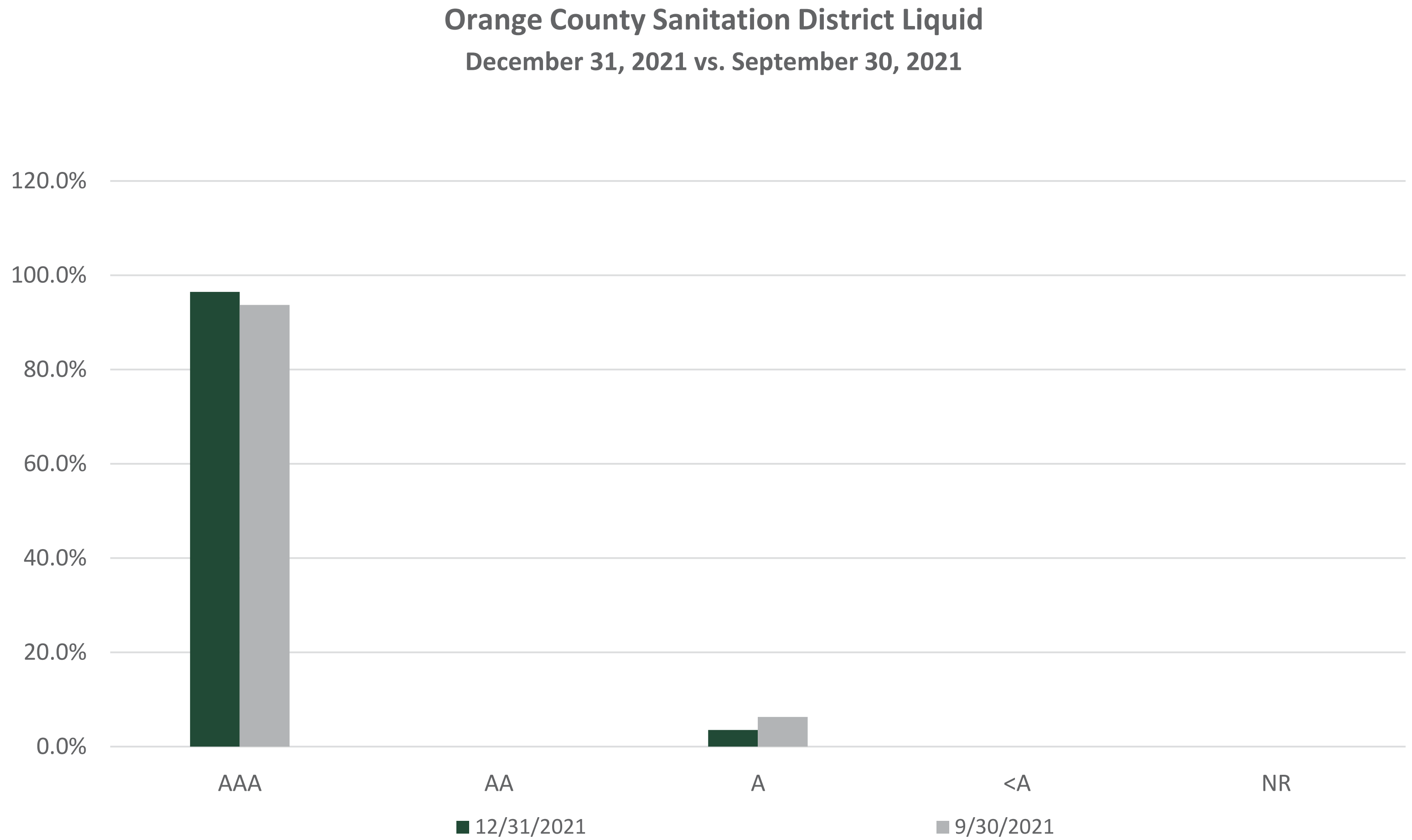


	AAA	AA	A	<A	NR
12/31/21	27.3%	69.2%	2.6%	0.9%	0.0%
09/30/21	17.0%	76.7%	4.7%	1.6%	0.0%

Source: S&P Ratings

Quality Distribution

As of December 31, 2021



	AAA	AA	A	<A	NR
12/31/21	96.5%	0.0%	3.5%	0.0%	0.0%
09/30/21	93.7%	0.0%	6.3%	0.0%	0.0%

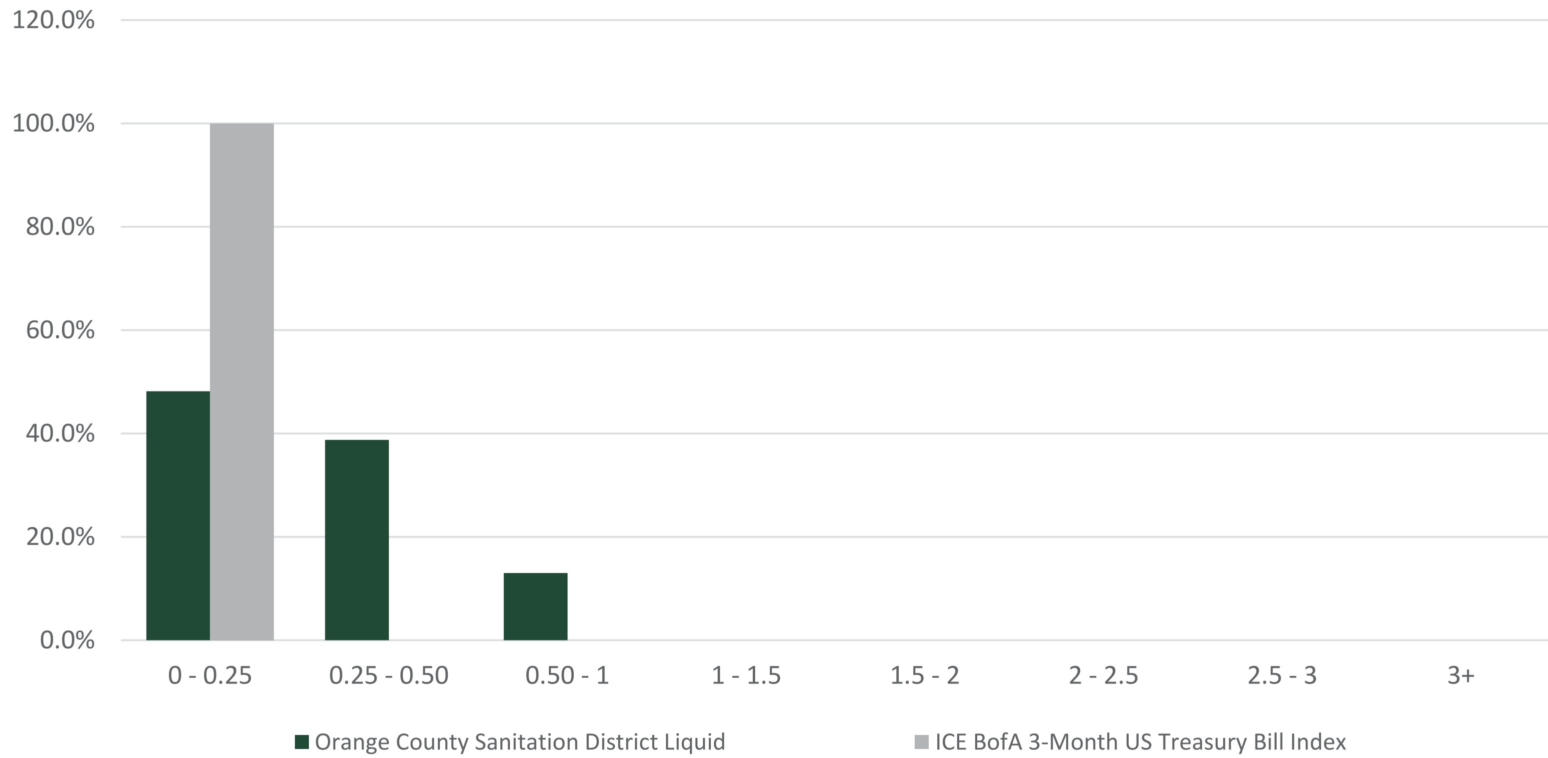
Source: Moody's Ratings

Duration Distribution

As of December 31, 2021

Orange County Sanitation District Liquid

Portfolio Compared to the Benchmark as of December 31, 2021



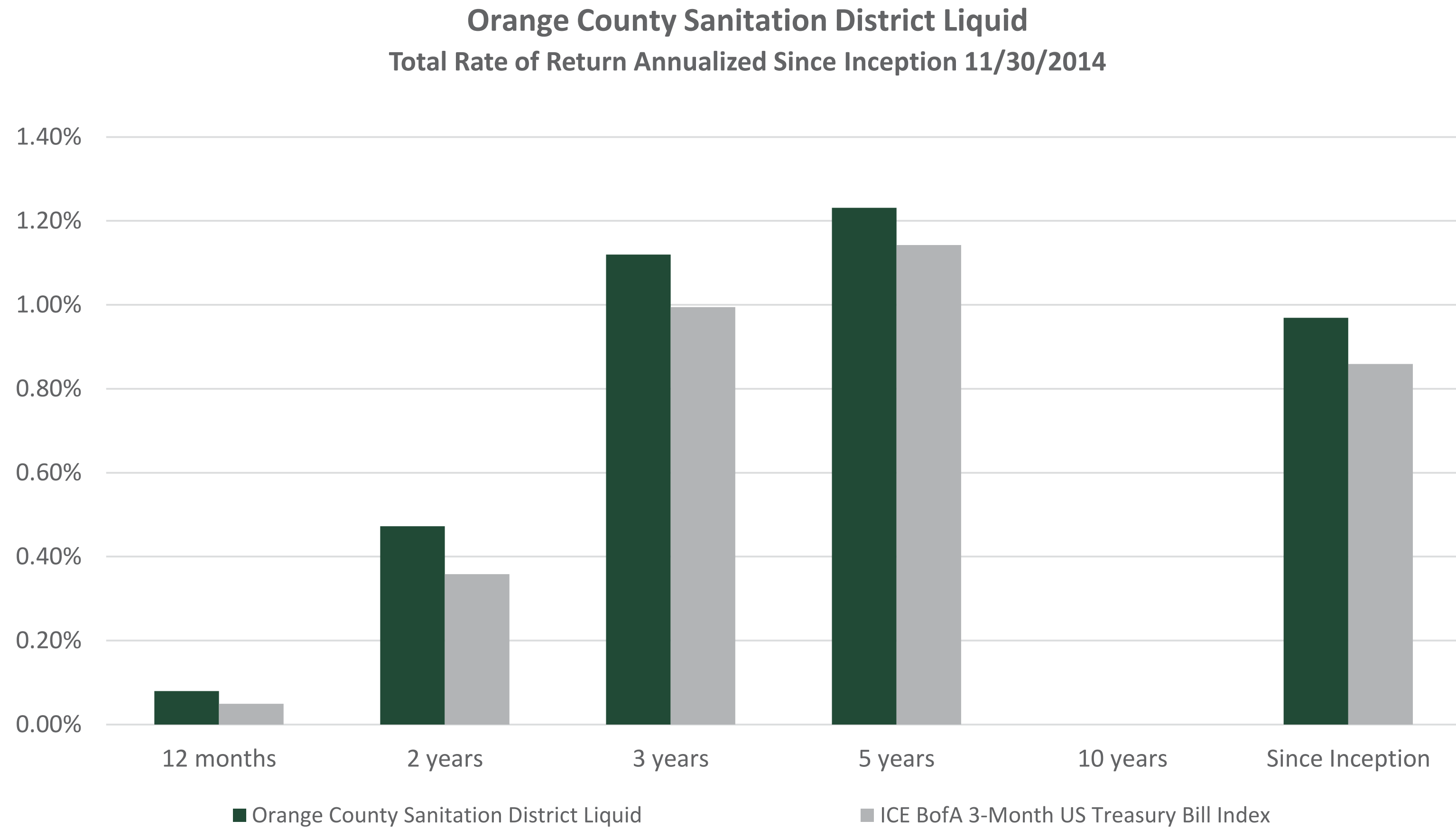
	0 - 0.25	0.25 - 0.50	0.50 - 1	1 - 1.5	1.5 - 2	2 - 2.5	2.5 - 3	3+
Portfolio	48.2%	38.8%	13.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Benchmark*	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

**ICE BofA 3-Month US Treasury Bill Index*

The duration of the portfolio contracted during the quarter to 0.27 years compared to 0.45 year at the end of the prior reporting period. The large liquidity needs in January and June are material factors in the short duration of the portfolio.

Investment Performance

As of December 31, 2021



			Annualized				
TOTAL RATE OF RETURN	**3 months**	**12 months**	**2 years**	**3 years**	**5 years**	**10 years**	**Since Inception**
Orange County Sanitation District Liquid	0.00%	0.08%	0.47%	1.12%	1.23%	N/A	0.97%
ICE BofA 3-Month US Treasury Bill Index	0.01%	0.05%	0.36%	0.99%	1.14%	N/A	0.86%

Total rate of return: A measure of a portfolio's performance over time. It is the internal rate of return, which equates the beginning value of the portfolio with the ending value; it includes interest earnings, realized and unrealized gains and losses in the portfolio.

Compliance

As of December 31, 2021

OCSD Lehman Exposure

Assets managed by Chandler Asset Management are in full compliance with state law and with the investment policy

Category	Standard	Comment
Treasury Issues	5 years maximum maturity	*Complies*
Supranational	"AA" or better by 1 of 3 NRSROs; 30% maximum; 5% max; 5 years maturity; Includes only: IADB, IBRD, and IFC per CGC	*Complies*
U.S. Agencies	20% max issuer; 5 years maximum maturity	*Complies*
U.S. Corporate (MTNs)	"A" or better long term rating by 1 of 3 NRSROs; 30% maximum; 5% max issuer; 5 years max maturity	*Complies**
Municipal Securities	"A" or higher by 1 of 3 NRSROS; 10% maximum; 5% max issuer; 5 years maximum maturity	*Complies*
Asset Backed/ CMOs/ Mortgage-backed	"AA" or better by 1 of 3 NRSROs; "A" or higher issuer rating by 1 of 3 NRSROs; 20% maximum; 5% max issuer (excluding MBS/govt agency); 5 years max maturity	*Complies*
Negotiable CDs	"A" or better on its long term debt by 1 of 3 NRSROs ; "A1/P1" or highest short term ratings by 1 of 3 NRSROs; 30% maximum; 5% max issuer; 5 years max maturity	*Complies*
CDs/ TDS	5% max issuer; 5 years max maturity	*Complies*
Banker's Acceptances	A-1, or equivalent highest short term rating by 1 of 3 NRSROS; 40% maximum; 5% max issuer; 180 days max maturity	*Complies*
Commercial Paper	A-1, or equivalent by 1 of 3 NRSROS; "A" or better by 1 of 3 NRSROs, if long term debt issued; 25% maximum; 5% max issuer; 270 days max maturity	*Complies*
Money Market Fund	Highest rating by 2 of 3 NRSROs; 20% maximum; 10% max issuer	*Complies*
Repurchase Agreements	102% collateralization	*Complies*
Reverse Repurchase Agreements	5% maximum, 90 days max maturity	*Complies*
LAIF	Not used by investment adviser	*Complies*
Avg Duration	Not to exceed 60 months - (80% to 120% of the benchmark)	*Complies*
Maximum Maturity	5 years maximum maturity	*Complies*

** Account holds $2 million face value (cusip 525ESC0Y6) and $600,000 face value (cusip 525ESC1B7) of defaulted Lehman Bros Holdings that were purchased by the previous manager. Complied at time of purchase.*

Portfolio Characteristics

As of December 31, 2021

OC SAN Lehman Exposure

	12/31/2021 Portfolio	9/30/2021 Portfolio
Average Maturity (yrs)	7.67	8.85
Modified Duration	0.00	0.00
Average Purchase Yield	0.00%	0.00%
Average Market Yield	0.00%	0.00%
Average Quality*	NR/NR	NR/NR
Total Market Value	39,921	43,301

**Portfolio is S&P and Moody's, respectively.*

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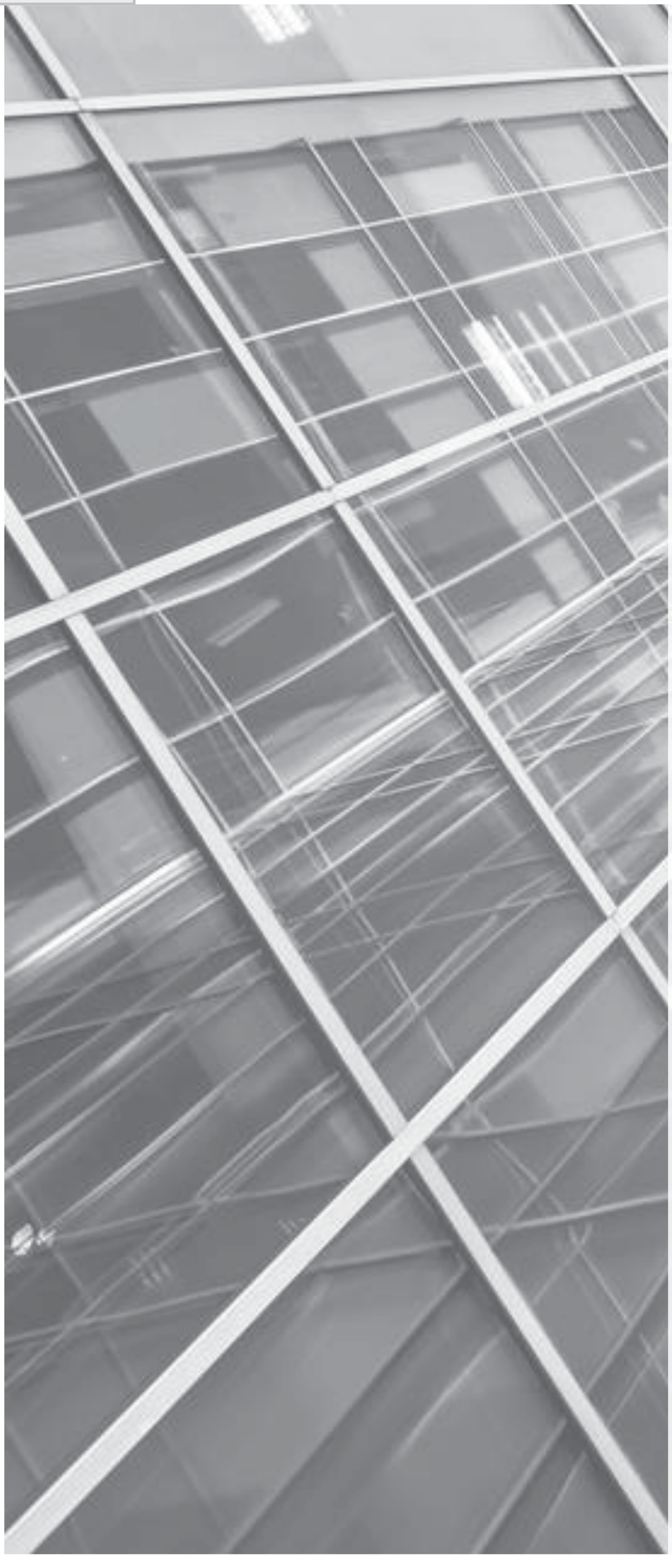


Section 3 | Consolidated Information

Portfolio Characteristics

As of December 31, 2021

Orange County Sanitation District Consolidated

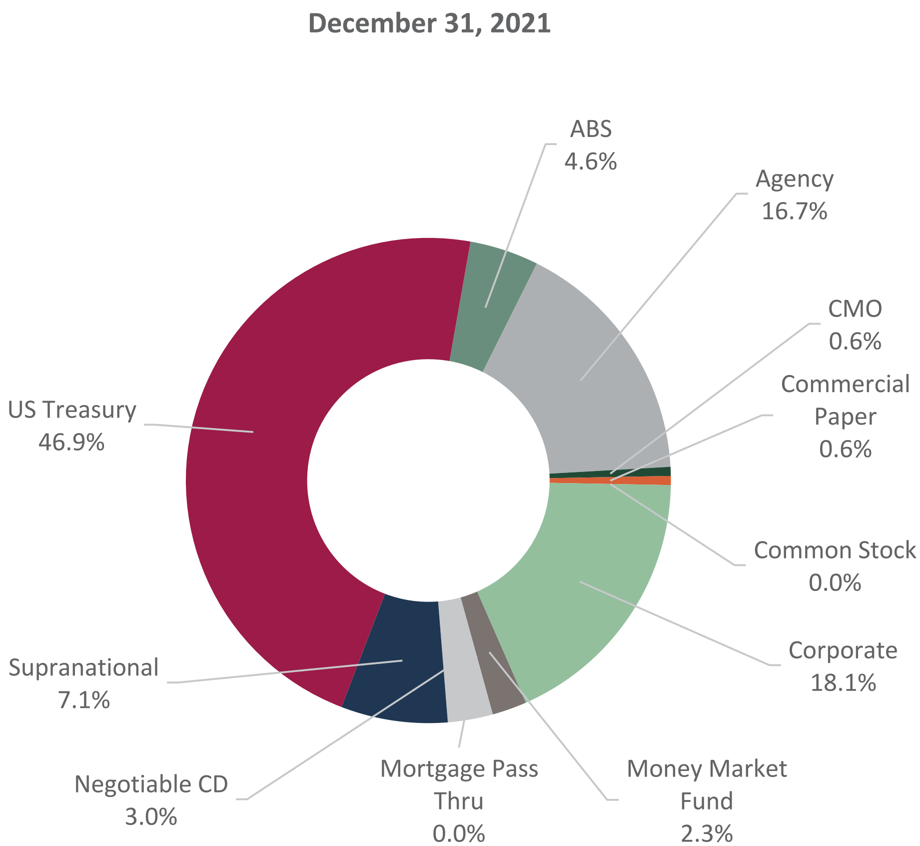
	12/31/2021 Portfolio	9/30/2021 Portfolio
Average Maturity (yrs)	2.03	2.41
Modified Duration	1.87	2.20
Average Purchase Yield	1.07%	1.23%
Average Market Yield	0.67%	0.43%
Average Quality*	AA+/Aa1	AA+/Aa1
Total Market Value	973,122,640	816,284,650

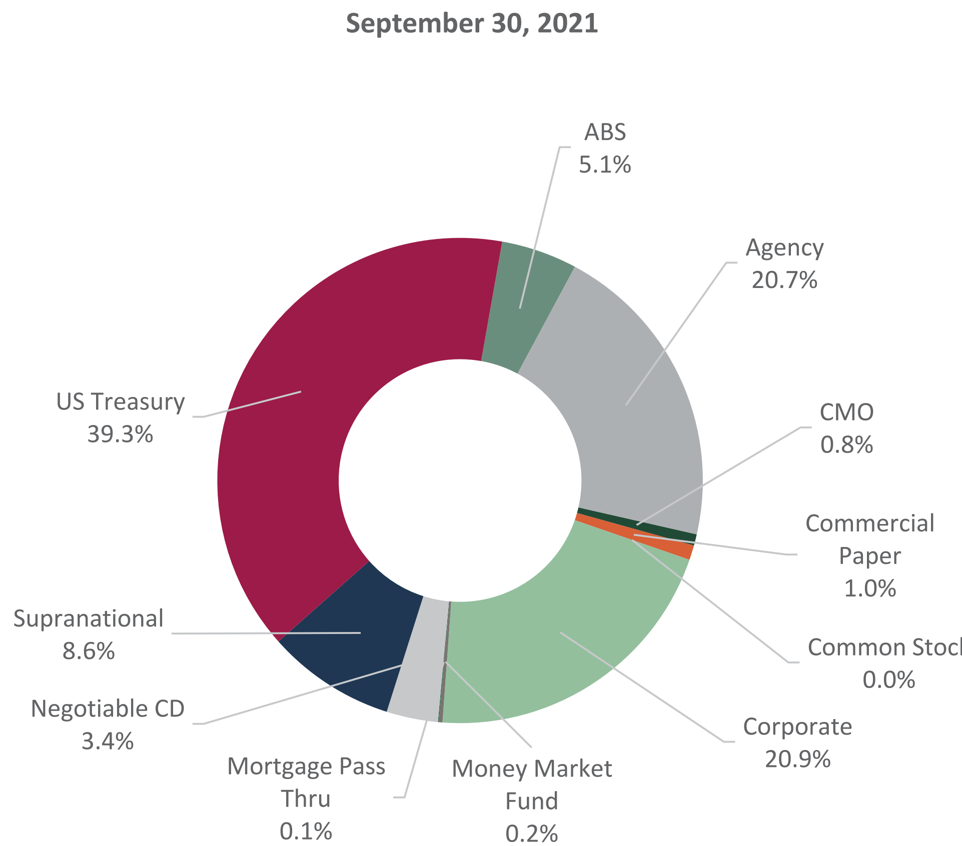
** Portfolio is S&P and Moody's respectively.*

Sector Distribution

As of December 31, 2021

Orange County Sanitation District Consolidated





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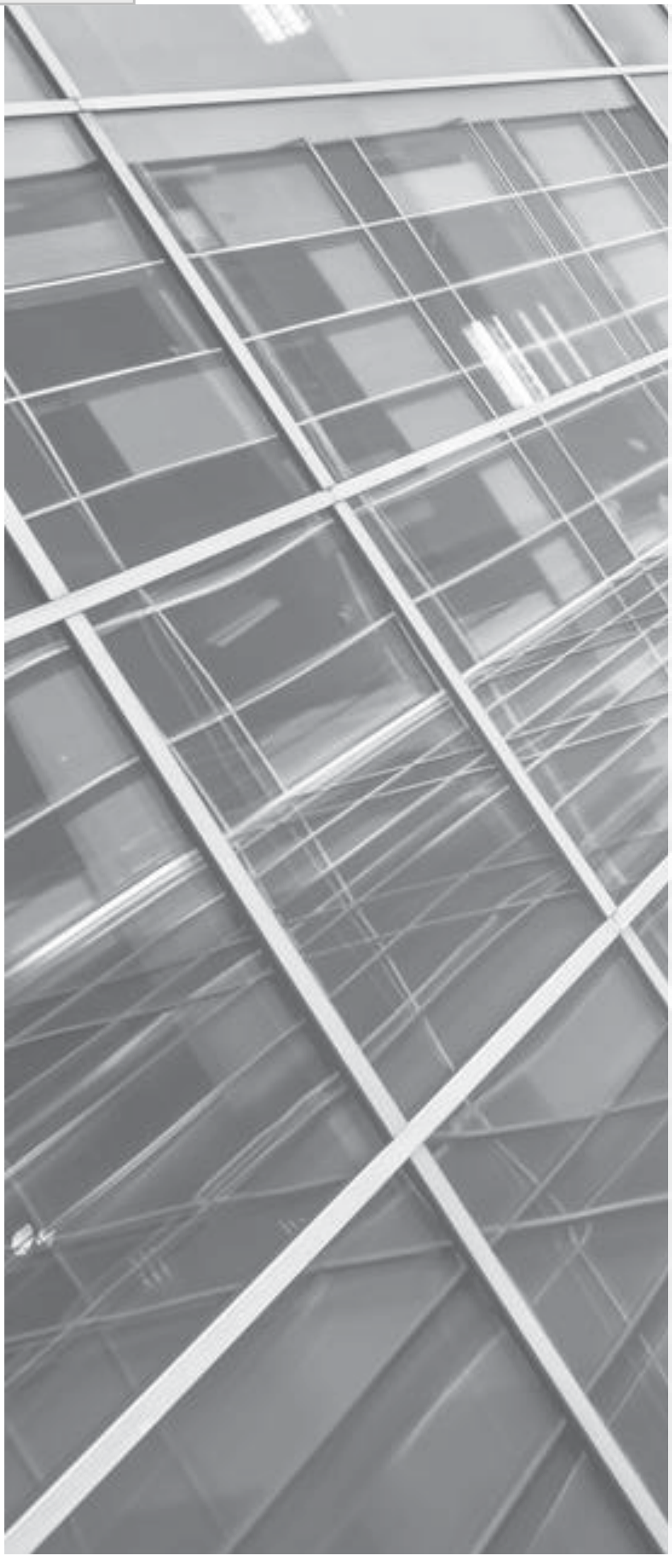

Section 4 | Portfolio Holdings

Holdings Report

As of December 31, 2021

Orange County Sanitation District Long Term - Account #10268

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
ABS									
58770FAC6	Mercedes Benz Auto Lease Trust 2020-A A3 1.840% Due 12/15/2022	914,426.65	01/21/2020 1.85%	914,306.13 914,386.74	100.27 0.51%	916,862.70 747.80	0.12% 2,475.96	Aaa / AAA NR	0.96 0.20
65479GAD1	Nissan Auto Receivables Trust 2018-B A3 3.060% Due 03/15/2023	287,650.80	07/17/2018 3.08%	287,641.48 287,650.48	100.21 0.48%	288,243.08 391.21	0.04% 592.60	Aaa / AAA NR	1.20 0.08
78445JAA5	SLM Student Loan Trust 2008-9 A 1.635% Due 04/25/2023	9,510.53	08/22/2008 1.69%	9,471.93 9,507.08	100.68 1.48%	9,575.09 29.36	0.00% 68.01	Baa3 / B B	1.32 0.04
44891VAC5	Hyundai Auto Lease Trust 2021-B A3 0.330% Due 06/17/2024	4,155,000.00	06/08/2021 0.34%	4,154,376.75 4,154,527.82	99.37 0.73%	4,128,989.70 609.40	0.56% (25,538.12)	Aaa / AAA NR	2.46 1.56
65479JAD5	Nissan Auto Receivables Owner 2019-C A3 1.930% Due 07/15/2024	2,724,922.14	10/16/2019 1.94%	2,724,778.26 2,724,844.99	100.81 0.38%	2,746,917.71 2,337.38	0.37% 22,072.72	Aaa / AAA NR	2.54 0.52
89237VAB5	Toyota Auto Receivables Trust 2020-C A3 0.440% Due 10/15/2024	2,960,000.00	07/21/2020 0.44%	2,959,772.08 2,959,849.43	99.92 0.55%	2,957,620.16 578.84	0.40% (2,229.27)	Aaa / AAA NR	2.79 0.74
43813KAC6	Honda Auto Receivables Trust 2020-3 A3 0.370% Due 10/18/2024	3,235,000.00	09/22/2020 0.38%	3,234,524.78 3,234,715.28	99.72 0.65%	3,225,958.18 432.23	0.43% (8,757.10)	NR / AAA AAA	2.80 0.99
89239CAC3	Toyota Lease Owner Trust 2021-B A3 0.420% Due 10/21/2024	3,185,000.00	07/27/2021 0.42%	3,184,957.00 3,184,964.25	99.15 0.90%	3,157,949.80 408.74	0.43% (27,014.45)	Aaa / NR AAA	2.81 1.79
47787NAC3	John Deere Owner Trust 2020-B A3 0.510% Due 11/15/2024	1,480,000.00	07/14/2020 0.52%	1,479,774.45 1,479,868.07	99.85 0.69%	1,477,734.12 335.47	0.20% (2,133.95)	Aaa / NR AAA	2.88 0.83
58769KAD6	Mercedes-Benz Auto Lease Trust 2021-B A3 0.400% Due 11/15/2024	3,315,000.00	06/22/2021 0.40%	3,314,749.72 3,314,799.78	99.25 0.81%	3,290,001.59 589.33	0.44% (24,798.19)	NR / AAA AAA	2.88 1.85
09690AAC7	BMW Vehicle Lease Trust 2021-2 A3 0.330% Due 12/26/2024	2,070,000.00	09/08/2021 0.34%	2,069,786.38 2,069,814.14	99.24 0.80%	2,054,199.71 113.85	0.28% (15,614.43)	Aaa / NR AAA	2.99 1.64
43813GAC5	Honda Auto Receivables Trust 2021-1 A3 0.270% Due 04/21/2025	1,605,000.00	02/17/2021 0.27%	1,604,970.63 1,604,978.78	99.47 0.71%	1,596,437.33 120.38	0.22% (8,541.45)	Aaa / NR AAA	3.31 1.21
47788UAC6	John Deere Owner Trust 2021-A A3 0.360% Due 09/15/2025	2,300,000.00	03/02/2021 0.37%	2,299,557.94 2,299,657.78	99.19 0.84%	2,281,393.00 368.00	0.31% (18,264.78)	Aaa / NR AAA	3.71 1.70
44933LAC7	Hyundai Auto Receivables Trust 2021-A A3 0.380% Due 09/15/2025	2,100,000.00	04/20/2021 0.38%	2,099,779.08 2,099,828.31	99.25 0.84%	2,084,323.52 354.67	0.28% (15,504.79)	NR / AAA AAA	3.71 1.62
44934KAC8	Hyundai Auto Receivables Trust 2021-B A3 0.380% Due 01/15/2026	6,040,000.00	07/20/2021 0.39%	6,038,666.97 6,038,849.75	98.90 0.98%	5,973,294.24 1,020.09	0.80% (65,555.51)	NR / AAA AAA	4.04 1.85
43815GAC3	Honda Auto Receivables Trust 2021-4 A3 0.880% Due 01/21/2026	2,290,000.00	11/16/2021 0.89%	2,289,517.27 2,289,532.75	99.76 0.99%	2,284,474.23 559.78	0.31% (5,058.52)	Aaa / NR AAA	4.06 2.13
47789QAC4	John Deere Owner Trust 2021-B A3 0.520% Due 03/16/2026	2,820,000.00	07/13/2021 0.52%	2,819,748.46 2,819,779.41	98.86 1.02%	2,787,866.10 651.73	0.38% (31,913.31)	Aaa / NR AAA	4.21 2.30

Holdings Report

As of December 31, 2021

Orange County Sanitation District Long Term - Account #10268

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
44935FAD6	Hyundai Auto Receivables Trust 2021-C A3 0.740% Due 05/15/2026	1,600,000.00	11/09/2021 0.75%	1,599,642.88 1,599,656.79	99.31 1.05%	1,589,030.40 526.22	0.21% (10,626.39)	NR / AAA AAA	4.37 2.19
362554AC1	GM Financial Securitized Term 2021-4 A3 0.680% Due 09/16/2026	1,705,000.00	10/13/2021 0.68%	1,704,956.52 1,704,959.04	99.25 1.06%	1,692,193.75 483.08	0.23% (12,765.29)	Aaa / AAA NR	4.71 1.98
TOTAL ABS		**44,796,510.12**	**0.59%**	**44,790,978.71** **44,792,170.67**	**0.80%**	**44,543,064.41** **10,657.56**	**6.00%** **(249,106.26)**	**Aaa / AAA** **Aaa**	**3.28** **1.53**
Agency									
3133ELYR9	FFCB Note 0.250% Due 05/06/2022	8,850,000.00	04/30/2020 0.31%	8,838,760.50 8,848,075.43	100.04 0.12%	8,853,902.85 3,380.21	1.19% 5,827.42	Aaa / AA+ AAA	0.35 0.35
3135G0T94	FNMA Note 2.375% Due 01/19/2023	5,000,000.00	Various 2.78%	4,910,990.00 4,980,436.80	102.05 0.41%	5,102,695.00 53,437.50	0.69% 122,258.20	Aaa / AA+ AAA	1.05 1.03
313383QR5	FHLB Note 3.250% Due 06/09/2023	5,000,000.00	08/28/2018 2.87%	5,083,350.00 5,025,028.88	103.86 0.56%	5,192,795.00 9,930.56	0.70% 167,766.12	Aaa / AA+ NR	1.44 1.41
3137EAEN5	FHLMC Note 2.750% Due 06/19/2023	10,000,000.00	Various 2.84%	9,956,500.00 9,987,123.04	103.15 0.59%	10,314,620.00 9,166.66	1.39% 327,496.96	Aaa / AA+ AAA	1.47 1.44
3135G05G4	FNMA Note 0.250% Due 07/10/2023	6,775,000.00	07/08/2020 0.32%	6,760,433.75 6,767,617.11	99.46 0.60%	6,738,686.00 8,045.31	0.91% (28,931.11)	Aaa / AA+ AAA	1.52 1.52
313383YJ4	FHLB Note 3.375% Due 09/08/2023	10,000,000.00	Various 2.89%	10,211,831.00 10,076,665.14	104.57 0.65%	10,456,940.00 105,937.50	1.42% 380,274.86	Aaa / AA+ NR	1.69 1.63
3130A0F70	FHLB Note 3.375% Due 12/08/2023	10,000,000.00	Various 2.79%	10,269,043.75 10,105,409.38	105.07 0.73%	10,507,340.00 21,562.51	1.42% 401,930.62	Aaa / AA+ AAA	1.94 1.88
3135G0V34	FNMA Note 2.500% Due 02/05/2024	5,000,000.00	02/27/2019 2.58%	4,980,850.00 4,991,874.79	103.56 0.78%	5,177,900.00 50,694.44	0.70% 186,025.21	Aaa / AA+ AAA	2.10 2.03
3130A1XJ2	FHLB Note 2.875% Due 06/14/2024	11,110,000.00	Various 1.96%	11,589,031.30 11,345,176.96	104.87 0.87%	11,650,679.26 15,083.37	1.57% 305,502.30	Aaa / AA+ NR	2.45 2.37
3133EKWV4	FFCB Note 1.850% Due 07/26/2024	5,000,000.00	08/13/2019 1.65%	5,048,280.00 5,025,021.22	102.93 0.70%	5,146,700.00 39,826.39	0.70% 121,678.78	Aaa / AA+ AAA	2.57 2.49
3130A2UW4	FHLB Note 2.875% Due 09/13/2024	2,500,000.00	09/12/2019 1.73%	2,635,950.00 2,573,369.84	105.11 0.95%	2,627,627.50 21,562.50	0.36% 54,257.66	Aaa / AA+ AAA	2.70 2.59
3135G0X24	FNMA Note 1.625% Due 01/07/2025	10,000,000.00	Various 1.28%	10,157,936.40 10,099,870.35	101.83 1.01%	10,182,740.00 78,541.66	1.38% 82,869.65	Aaa / AA+ AAA	3.02 2.92
3137EAEP0	FHLMC Note 1.500% Due 02/12/2025	12,335,000.00	Various 1.20%	12,510,182.05 12,445,480.89	101.46 1.02%	12,515,609.07 71,440.21	1.70% 70,128.18	Aaa / AA+ AAA	3.12 3.02
3130A4CH3	FHLB Note 2.375% Due 03/14/2025	5,225,000.00	03/19/2020 1.18%	5,526,848.25 5,418,713.60	104.21 1.04%	5,444,925.48 36,883.42	0.74% 26,211.88	Aaa / AA+ AAA	3.20 3.07

Holdings Report

As of December 31, 2021

Orange County Sanitation District Long Term - Account #10268

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
3135G03U5	FNMA Note 0.625% Due 04/22/2025	14,000,000.00	Various 0.63%	13,996,711.60 13,997,850.88	98.64 1.04%	13,809,488.00 16,770.84	1.86% (188,362.88)	Aaa / AA+ AAA	3.31 3.26
3135G04Z3	FNMA Note 0.500% Due 06/17/2025	9,905,000.00	06/17/2020 0.54%	9,884,496.65 9,890,802.78	98.03 1.08%	9,709,544.64 1,925.97	1.31% (181,258.14)	Aaa / AA+ AAA	3.46 3.42
3137EAEU9	FHLMC Note 0.375% Due 07/21/2025	5,030,000.00	07/21/2020 0.48%	5,004,950.60 5,012,188.01	97.48 1.10%	4,903,218.85 8,383.33	0.66% (108,969.16)	Aaa / AA+ AAA	3.56 3.51
3135G05X7	FNMA Note 0.375% Due 08/25/2025	7,945,000.00	08/25/2020 0.47%	7,907,817.40 7,917,846.92	97.29 1.14%	7,729,619.00 10,427.81	1.04% (188,227.92)	Aaa / AA+ AAA	3.65 3.60
3137EAEX3	FHLMC Note 0.375% Due 09/23/2025	7,660,000.00	09/23/2020 0.44%	7,636,943.40 7,642,796.03	97.32 1.11%	7,454,329.00 7,819.58	1.01% (188,467.03)	Aaa / AA+ AAA	3.73 3.68
3135G06G3	FNMA Note 0.500% Due 11/07/2025	8,255,000.00	11/09/2020 0.57%	8,225,447.10 8,232,182.11	97.59 1.14%	8,056,186.58 6,191.25	1.09% (175,995.53)	Aaa / AA+ AAA	3.85 3.79
TOTAL Agency		**159,590,000.00**	**1.43%**	**161,136,353.75** **160,383,530.16**	**0.84%**	**161,575,546.23** **577,011.02**	**21.85%** **1,192,016.07**	**Aaa / AA+** **Aaa**	**2.54** **2.48**
CMO									
3137BFE98	FHLMC K041 A2 3.171% Due 10/25/2024	5,000,000.00	07/01/2021 0.72%	5,378,515.62 5,321,514.11	105.13 1.19%	5,256,360.00 13,212.50	0.71% (65,154.11)	Aaa / AAA AAA	2.82 2.62
03215PFN4	AMRESCO Residential Securities 1999-1 A 1.041% Due 06/25/2029	119,021.64	05/20/2011 4.50%	89,377.81 106,763.89	99.21 1.41%	118,082.56 24.10	0.02% 11,318.67	NR / BBB BBB	7.49 0.03
3133TCE95	FHLMC FSPC E3 A 3.769% Due 08/15/2032	3,588.05	03/11/1998 3.73%	3,591.82 3,589.22	100.44 2.08%	3,603.86 11.27	0.00% 14.64	Aaa / AA+ AAA	10.63 0.91
31397QRE0	FNMA FNR 2011-3 FA 0.781% Due 02/25/2041	93,868.68	12/20/2010 0.78%	93,839.37 93,850.02	101.91 0.34%	95,661.57 12.22	0.01% 1,811.55	Aaa / AA+ AAA	19.17 0.14
31394JY35	FHLMC FSPC T-58 2A 6.500% Due 09/25/2043	460,244.11	06/09/2011 5.40%	521,226.45 501,293.79	114.10 0.68%	525,147.75 498.60	0.07% 23,853.96	Aaa / AA+ AAA	21.75 2.47
TOTAL CMO		**5,676,722.48**	**1.18%**	**6,086,551.07** **6,027,011.03**	**1.14%**	**5,998,855.74** **13,758.69**	**0.81%** **(28,155.29)**	**Aaa / AAA** **Aaa**	**4.83** **2.52**
Corporate									
06406RAA5	Bank of NY Mellon Corp Callable Note Cont 1/7/2022 2.600% Due 02/07/2022	2,500,000.00	02/08/2017 2.56%	2,504,475.00 2,500,015.01	100.04 0.29%	2,500,940.00 26,000.00	0.34% 924.99	A1 / A AA-	0.10 0.02
69353RFB9	PNC Bank Callable Note Cont 1/18/2022 2.625% Due 02/17/2022	1,000,000.00	03/26/2018 3.32%	974,940.00 999,171.72	100.18 0.61%	1,001,773.00 9,770.83	0.14% 2,601.28	A2 / A A+	0.13 0.09

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CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
084664BT7	Berkshire Hathaway Note 3.000% Due 05/15/2022	4,000,000.00	05/23/2017 2.30%	4,131,120.00 4,009,680.48	100.94 0.47%	4,037,564.00 15,333.33	0.55% 27,883.52	Aa2 / AA A+	0.37 0.37
00440EAU1	Chubb INA Holdings Inc Callable Note Cont 9/3/2022 2.875% Due 11/03/2022	4,169,000.00	Various 2.54%	4,232,453.17 4,177,850.20	101.54 0.57%	4,233,231.78 19,310.58	0.57% 55,381.58	A3 / A A	0.84 0.67
90331HNL3	US Bank NA Callable Note Cont 12/23/2022 2.850% Due 01/23/2023	2,000,000.00	01/29/2018 2.93%	1,992,640.00 1,998,433.27	102.14 0.65%	2,042,728.00 25,016.67	0.28% 44,294.73	A1 / AA- AA-	1.06 0.96
808513AT2	Charles Schwab Corp Callable Note Cont 12/25/2022 2.650% Due 01/25/2023	6,750,000.00	05/21/2019 2.74%	6,729,480.00 6,744,056.38	101.85 0.75%	6,875,205.75 77,512.50	0.94% 131,149.37	A2 / A A	1.07 0.97
06406RAE7	Bank of NY Mellon Corp Callable Note Cont 12/29/2022 2.950% Due 01/29/2023	2,500,000.00	Various 3.03%	2,489,555.00 2,497,899.23	102.21 0.71%	2,555,320.00 31,138.89	0.35% 57,420.77	A1 / A AA-	1.08 0.97
00440EAP2	Chubb INA Holdings Inc Note 2.700% Due 03/13/2023	2,000,000.00	05/24/2018 3.42%	1,937,000.00 1,984,295.03	102.43 0.66%	2,048,594.00 16,200.00	0.28% 64,298.97	A3 / A A	1.20 1.18
084670BR8	Berkshire Hathaway Callable Note Cont 1/15/2023 2.750% Due 03/15/2023	2,500,000.00	04/20/2018 3.28%	2,440,950.00 2,485,518.53	102.11 0.71%	2,552,755.00 20,243.06	0.35% 67,236.47	Aa2 / AA A+	1.20 1.02
58933YAF2	Merck & Co Note 2.800% Due 05/18/2023	2,000,000.00	10/26/2018 3.41%	1,948,640.00 1,984,477.59	102.95 0.65%	2,058,996.00 6,688.89	0.28% 74,518.41	A1 / A+ A+	1.38 1.36
46625HRL6	JP Morgan Chase Callable Note Cont 3/18/2023 2.700% Due 05/18/2023	5,000,000.00	Various 3.59%	4,821,910.00 4,944,033.39	102.28 0.81%	5,113,830.00 16,125.00	0.69% 169,796.61	A2 / A- AA-	1.38 1.20
69353RFL7	PNC Bank Callable Note Cont 5/9/2023 3.500% Due 06/08/2023	5,000,000.00	Various 3.53%	4,993,318.05 4,998,083.24	103.76 0.71%	5,188,035.01 11,180.56	0.70% 189,951.77	A2 / A A+	1.44 1.33
166764AH3	Chevron Corp Callable Note Cont 3/24/2023 3.191% Due 06/24/2023	3,500,000.00	11/08/2018 3.59%	3,441,095.00 3,481,146.20	102.97 0.76%	3,603,932.50 2,171.65	0.49% 122,786.30	Aa2 / AA- NR	1.48 1.21
931142EK5	Wal-Mart Stores Callable Note Cont 5/26/2023 3.400% Due 06/26/2023	3,880,000.00	Various 3.41%	3,878,991.40 3,879,701.02	104.03 0.51%	4,036,503.68 1,832.22	0.54% 156,802.66	Aa2 / AA AA	1.48 1.38
02665WCJ8	American Honda Finance Note 3.450% Due 07/14/2023	845,000.00	07/11/2018 3.49%	843,538.15 844,551.99	104.09 0.76%	879,594.30 13,523.52	0.12% 35,042.31	A3 / A- NR	1.53 1.48
89114QC48	Toronto Dominion Bank Note 3.500% Due 07/19/2023	5,000,000.00	02/26/2019 3.04%	5,094,200.00 5,033,164.04	104.22 0.76%	5,210,800.00 78,750.00	0.71% 177,635.96	Aa2 / AA- AA	1.55 1.49
02665WCQ2	American Honda Finance Note 3.625% Due 10/10/2023	2,000,000.00	Various 3.64%	1,998,320.00 1,999,396.15	104.84 0.87%	2,096,870.00 16,312.50	0.28% 97,473.85	A3 / A- NR	1.78 1.72
24422EUM9	John Deere Capital Corp Note 3.650% Due 10/12/2023	1,250,000.00	11/28/2018 3.64%	1,250,237.50 1,250,086.74	104.94 0.85%	1,311,805.00 10,012.15	0.18% 61,718.26	A2 / A A	1.78 1.72

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CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
06051GHF9	Bank of America Corp Callable Note 1X 3/5/2023 3.550% Due 03/05/2024	6,675,000.00	Various 2.77%	6,770,625.75 6,717,312.82	102.98 1.00%	6,873,888.30 76,354.59	0.94% 156,575.48	A2 / A- AA-	2.18 1.15
09247XAL5	Blackrock Inc Note 3.500% Due 03/18/2024	1,000,000.00	05/09/2019 2.69%	1,036,330.00 1,016,554.66	105.70 0.90%	1,056,964.00 10,013.89	0.14% 40,409.34	Aa3 / AA- NR	2.21 2.12
808513BN4	Charles Schwab Corp Callable Note Cont 2/18/2024 0.750% Due 03/18/2024	2,785,000.00	03/16/2021 0.77%	2,783,607.50 2,783,974.68	99.57 0.95%	2,773,049.57 5,976.15	0.37% (10,925.11)	A2 / A A	2.21 2.18
458140BD1	Intel Corp Callable Note Cont 3/11/2024 2.875% Due 05/11/2024	5,000,000.00	05/09/2019 2.76%	5,025,900.00 5,011,746.03	104.13 0.97%	5,206,370.00 19,965.28	0.70% 194,623.97	A1 / A+ A+	2.36 2.13
037833CU2	Apple Inc Callable Note Cont 3/11/2024 2.850% Due 05/11/2024	3,000,000.00	05/17/2019 2.72%	3,017,760.00 3,008,091.12	104.17 0.92%	3,125,130.00 11,875.00	0.42% 117,038.88	Aaa / AA+ NR	2.36 2.13
023135BW5	Amazon.com Inc Note 0.450% Due 05/12/2024	5,490,000.00	05/10/2021 0.50%	5,481,984.60 5,483,695.92	99.04 0.86%	5,437,197.18 3,362.63	0.73% (46,498.74)	A1 / AA AA-	2.36 2.34
89114QCA4	Toronto Dominion Bank Note 2.650% Due 06/12/2024	3,000,000.00	06/12/2019 2.65%	3,000,570.00 3,000,278.91	103.75 1.09%	3,112,386.00 4,195.83	0.42% 112,107.09	A1 / A AA-	2.45 2.37
02665WCZ2	American Honda Finance Note 2.400% Due 06/27/2024	1,219,000.00	07/10/2019 2.49%	1,213,843.63 1,216,416.12	103.02 1.16%	1,255,830.87 325.07	0.17% 39,414.75	A3 / A- NR	2.49 2.42
79466LAG9	Salesforce.com Inc Callable Note Cont 7/15/2022 0.625% Due 07/15/2024	1,350,000.00	06/29/2021 0.64%	1,349,311.50 1,349,419.88	99.09 0.99%	1,337,702.85 3,960.94	0.18% (11,717.03)	A2 / A+ NR	2.54 2.50
78013XZU5	Royal Bank of Canada Note 2.550% Due 07/16/2024	6,500,000.00	09/10/2019 2.28%	6,581,445.00 6,542,679.21	103.34 1.21%	6,716,807.50 75,968.75	0.92% 174,128.29	A2 / A AA-	2.54 2.44
46647PAU0	JP Morgan Chase & Co Callable Note 1X 7/23/2023 3.797% Due 07/23/2024	2,500,000.00	09/12/2019 2.11%	2,632,175.00 2,569,667.86	104.23 1.06%	2,605,685.00 41,661.53	0.36% 36,017.14	A2 / A- AA-	2.56 1.50
90331HPL1	US Bank NA Callable Note Cont 12/21/2024 2.050% Due 01/21/2025	7,270,000.00	01/16/2020 2.10%	7,254,514.90 7,260,541.12	102.31 1.25%	7,438,075.13 66,237.78	1.01% 177,534.01	A1 / AA- AA-	3.06 2.86
037833AZ3	Apple Inc Note 2.500% Due 02/09/2025	3,922,000.00	07/14/2021 0.81%	4,154,496.16 4,124,364.37	104.10 1.15%	4,082,900.05 38,675.28	0.56% (41,464.32)	Aaa / AA+ NR	3.11 2.97
00440EAS6	Chubb INA Holdings Inc Note 3.150% Due 03/15/2025	2,000,000.00	10/28/2020 0.78%	2,203,740.00 2,149,137.17	105.57 1.37%	2,111,432.00 18,550.00	0.29% (37,705.17)	A3 / A A	3.21 3.03
06367WB85	Bank of Montreal Note 1.850% Due 05/01/2025	7,000,000.00	08/12/2021 0.96%	7,226,940.00 7,203,810.22	101.52 1.38%	7,106,372.00 21,583.33	0.96% (97,438.22)	A2 / A- AA-	3.33 3.22
747525AF0	Qualcomm Inc Callable Note Cont 2/20/2025 3.450% Due 05/20/2025	5,790,000.00	Various 1.53%	6,161,513.40 6,154,936.53	106.60 1.44%	6,172,417.92 22,749.87	0.83% 17,481.39	A2 / A NR	3.39 3.20
61747YEA9	Morgan Stanley Callable Note Cont 5/30/2024 0.790% Due 05/30/2025	8,885,000.00	05/26/2021 0.73%	8,889,710.25 8,889,019.37	98.71 1.12%	8,770,561.20 6,044.28	1.18% (118,458.17)	A1 / BBB+ A	3.41 3.36

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Orange County Sanitation District Long Term - Account #10268

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
438516CB0	Honeywell Intl Callable Note Cont 5/1/2025 1.350% Due 06/01/2025	5,000,000.00	06/23/2020 0.85%	5,119,000.00 5,081,707.51	100.44 1.21%	5,022,120.00 5,625.00	0.68% (59,587.51)	A2 / A A	3.42 3.25
78015K7H1	Royal Bank of Canada Note 1.150% Due 06/10/2025	4,000,000.00	Various 1.10%	4,013,620.00 4,006,628.60	99.18 1.39%	3,967,180.00 2,683.33	0.53% (39,448.60)	A2 / A AA-	3.44 3.36
06051GHY8	Bank of America Corp Callable Note Cont 2/13/2025 2.015% Due 02/13/2026	2,500,000.00	03/04/2021 1.09%	2,583,450.00 2,569,611.09	101.33 1.40%	2,533,182.50 19,310.42	0.34% (36,428.59)	A2 / A- AA-	4.12 3.92
46647PBH8	JP Morgan Chase & Co Callable Note Mthly 3/13/2025 2.005% Due 03/13/2026	3,500,000.00	Various 1.24%	3,602,345.00 3,582,689.72	101.22 1.61%	3,542,714.00 21,052.50	0.48% (39,975.72)	A2 / A- AA-	4.20 3.08
91324PEC2	United Health Group Inc Callable Note Cont 4/15/2026 1.150% Due 05/15/2026	1,755,000.00	Various 1.08%	1,760,683.15 1,760,042.91	98.97 1.39%	1,736,984.93 2,578.87	0.23% (23,057.98)	A3 / A+ A	4.37 4.24
89236TJK2	Toyota Motor Credit Corp Note 1.125% Due 06/18/2026	7,285,000.00	06/15/2021 1.13%	7,281,794.60 7,282,140.42	98.54 1.46%	7,178,507.87 2,959.53	0.97% (103,632.55)	A1 / A+ A+	4.47 4.33
06051GJD2	Bank of America Corp Callable Note Cont 6/19/2025 1.319% Due 06/19/2026	2,250,000.00	06/24/2021 1.26%	2,254,432.50 2,253,976.32	98.98 1.53%	2,227,088.25 989.25	0.30% (26,888.07)	A2 / A- AA-	4.47 4.32
58989V2D5	Met Tower Global Funding Note 1.250% Due 09/14/2026	3,745,000.00	09/07/2021 1.27%	3,741,554.60 3,741,760.27	97.89 1.72%	3,666,089.11 13,913.72	0.50% (75,671.16)	Aa3 / AA- AA-	4.71 4.52
06368FAC3	Bank of Montreal Note 1.250% Due 09/15/2026	3,000,000.00	Various 1.29%	2,994,647.40 2,994,963.99	97.92 1.71%	2,937,600.00 11,041.67	0.40% (57,363.99)	A2 / A- AA-	4.71 4.53
931142ER0	Wal-Mart Stores Callable Note Cont 08/17/2026 1.050% Due 09/17/2026	1,725,000.00	09/08/2021 1.09%	1,721,739.75 1,721,929.01	98.94 1.28%	1,706,649.45 5,232.50	0.23% (15,279.56)	Aa2 / AA AA	4.72 4.56
TOTAL Corporate		**164,040,000.00**	**2.04%**	**165,560,597.96** **165,288,656.04**	**1.05%**	**167,049,363.70** **910,009.34**	**22.63%** **1,760,707.66**	**A1 / A+** **A+**	**2.53** **2.33**
Money Market Fund									
31846V567	First American Govt Obligation MMKT Class-Z	14,559,938.20	Various 0.03%	14,559,938.20 14,559,938.20	1.00 0.03%	14,559,938.20 0.00	1.96% 0.00	Aaa / AAA AAA	0.00 0.00
TOTAL Money Market Fund		**14,559,938.20**	**0.03%**	**14,559,938.20** **14,559,938.20**	**0.03%**	**14,559,938.20** **0.00**	**1.96%** **0.00**	**Aaa / AAA** **Aaa**	**0.00** **0.00**
Mortgage Pass Thru									
36225CAZ9	GNMA Pool# G2 80023 1.610% Due 12/20/2026	8,993.75	08/08/1997 1.51%	9,142.69 9,018.98	103.33 0.34%	9,293.38 12.07	0.00% 274.40	Aaa / AA+ AAA	4.97 2.29

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CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
36225CC20	GNMA Pool# G2 80088 1.590% Due 06/20/2027	6,353.93	08/11/1997 1.46%	6,492.93 6,379.40	101.16 1.30%	6,427.94 8.42	0.00% 48.54	Aaa / AA+ AAA	5.47 1.80
31348SWZ3	FHLMC FH 786064 2.227% Due 01/01/2028	1,319.78	02/18/2000 2.41%	1,287.64 1,312.86	100.37 2.21%	1,324.66 2.45	0.00% 11.80	Aaa / AA+ AAA	6.01 0.96
31371NUC7	FNMA FN 257179 4.500% Due 04/01/2028	6,617.66	12/05/2011 3.72%	6,998.84 6,763.73	107.03 1.13%	7,082.84 24.82	0.00% 319.11	Aaa / AA+ AAA	6.25 2.13
31417YAY3	FNMA Pool# FN MA0022 4.500% Due 04/01/2029	8,299.67	12/05/2011 3.76%	8,777.71 8,499.89	107.09 1.40%	8,887.89 31.12	0.00% 388.00	Aaa / AA+ AAA	7.25 2.33
3138EG6F6	FNMA FN AL0869 4.500% Due 06/01/2029	4,907.32	12/05/2011 3.77%	5,189.98 5,027.28	107.05 1.47%	5,253.46 4.29	0.00% 226.18	Aaa / AA+ AAA	7.42 2.37
36225CNM4	GNMA Pool# G2 80395 1.590% Due 04/20/2030	3,474.65	03/15/2000 1.65%	3,443.15 3,465.91	103.26 0.39%	3,587.96 4.60	0.00% 122.05	Aaa / AA+ AAA	8.31 2.26
36225CN28	GNMA Pool# G2 80408 1.590% Due 05/20/2030	29,387.18	03/15/2000 1.65%	29,088.70 29,303.76	103.31 0.73%	30,359.81 38.94	0.00% 1,056.05	Aaa / AA+ AAA	8.39 2.95
31403GXF4	FNMA Pool# FN 748678 5.000% Due 10/01/2033	787.84	06/10/2013 4.16%	846.92 822.18	110.00 2.02%	866.63 3.28	0.00% 44.45	Aaa / AA+ AAA	11.76 3.37
36225DCB8	GNMA Pool# G2 80965 1.590% Due 07/20/2034	25,096.96	07/19/2004 1.59%	25,081.28 25,090.38	103.64 0.91%	26,010.84 33.25	0.00% 920.46	Aaa / AA+ AAA	12.56 4.04
31406XWT5	FNMA Pool# FN 823358 1.988% Due 02/01/2035	55,226.40	01/11/2006 2.04%	54,794.93 55,031.87	104.15 0.77%	57,516.53 91.47	0.01% 2,484.66	Aaa / AA+ AAA	13.10 0.93
31406PQY8	FNMA Pool# FN 815971 5.000% Due 03/01/2035	78,209.75	06/10/2013 4.21%	84,075.49 81,779.39	113.01 1.36%	88,383.27 325.87	0.01% 6,603.88	Aaa / AA+ AAA	13.17 3.58
31407BXH7	FNMA Pool# FN 826080 5.000% Due 07/01/2035	10,711.73	06/10/2013 4.22%	11,515.10 11,205.41	113.02 1.36%	12,106.19 44.63	0.00% 900.78	Aaa / AA+ AAA	13.51 3.58
31376KT22	FNMA FN 357969 5.000% Due 09/01/2035	57,250.53	06/10/2013 4.22%	61,544.31 59,901.81	113.15 1.39%	64,780.58 55.66	0.01% 4,878.77	Aaa / AA+ AAA	13.68 3.64
31403DJZ3	FNMA Pool #745580 5.000% Due 06/01/2036	53,293.89	06/10/2013 4.26%	57,290.93 55,812.07	112.94 1.46%	60,189.59 222.06	0.01% 4,377.52	Aaa / AA+ AAA	14.43 3.65
31410F4V4	FNMA Pool# FN 888336 5.000% Due 07/01/2036	89,715.57	06/10/2013 4.25%	96,444.26 93,963.62	112.97 1.41%	101,352.76 373.81	0.01% 7,389.14	Aaa / AA+ AAA	14.51 3.61
TOTAL Mortgage Pass Thru		**439,646.61**	**3.51%**	**462,014.86** **453,378.54**	**1.23%**	**483,424.33** **1,276.74**	**0.07%** **30,045.79**	**Aaa / AA+** **Aaa**	**12.75** **3.15**
Negotiable CD									
65558UBJ0	Nordea Bank APB New York Yankee CD 0.210% Due 05/16/2022	7,000,000.00	05/19/2021 0.20%	7,000,702.07 7,000,261.82	100.03 0.13%	7,002,212.00 9,473.33	0.94% 1,950.18	P-1 / A-1+ F-1+	0.37 0.37

Holdings Report

As of December 31, 2021

Orange County Sanitation District Long Term - Account #10268

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
06417MQL2	Bank of Nova Scotia Houston Yankee CD 0.200% Due 06/23/2022	5,000,000.00	06/29/2021 0.20%	4,999,999.61 4,999,999.81	99.95 0.31%	4,997,385.00 5,333.33	0.67% (2,614.81)	P-1 / A-1 F-1+	0.48 0.48
86959RTW0	Svenska Handelsbanken NY Yankee CD 0.255% Due 10/14/2022	6,000,000.00	10/15/2021 0.25%	6,000,302.58 6,000,237.74	99.91 0.36%	5,994,882.00 3,315.00	0.81% (5,355.74)	P-1 / A-1+ F-1+	0.79 0.78
TOTAL Negotiable CD		**18,000,000.00**	**0.22%**	**18,001,004.26** **18,000,499.37**	**0.26%**	**17,994,479.00** **18,121.66**	**2.43%** **(6,020.37)**	**Aaa / AAA** **Aaa**	**0.54** **0.54**
Supranational									
4581X0CW6	Inter-American Dev Bank Note 2.125% Due 01/18/2022	3,000,000.00	01/10/2017 2.15%	2,996,310.00 2,999,965.65	100.07 0.55%	3,002,220.00 28,864.58	0.41% 2,254.35	Aaa / NR AAA	0.05 0.05
459058FY4	Intl. Bank Recon & Development Note 2.000% Due 01/26/2022	10,000,000.00	Various 1.99%	10,006,350.00 10,000,065.67	100.10 0.54%	10,010,100.00 86,111.12	1.36% 10,034.33	Aaa / NR AAA	0.07 0.07
4581X0CZ9	Inter-American Dev Bank Note 1.750% Due 09/14/2022	6,500,000.00	Various 2.65%	6,249,655.00 6,461,599.54	100.95 0.40%	6,561,503.00 33,809.02	0.89% 99,903.46	Aaa / AAA AAA	0.70 0.70
4581X0DZ8	Inter-American Dev Bank Note 0.500% Due 09/23/2024	10,775,000.00	09/15/2021 0.52%	10,767,026.50 10,767,754.01	98.68 0.99%	10,632,231.25 14,665.97	1.43% (135,522.76)	Aaa / AAA NR	2.73 2.70
459058JB0	Intl. Bank Recon & Development Note 0.625% Due 04/22/2025	6,245,000.00	04/15/2020 0.70%	6,220,831.85 6,229,024.67	98.37 1.13%	6,143,268.95 7,480.99	0.83% (85,755.72)	Aaa / AAA NR	3.31 3.26
4581X0DN5	Inter-American Dev Bank Note 0.625% Due 07/15/2025	5,050,000.00	01/13/2021 0.53%	5,071,967.50 5,067,271.65	98.16 1.16%	4,957,004.25 14,553.82	0.67% (110,267.40)	Aaa / AAA NR	3.54 3.47
459058JL8	Intl. Bank Recon & Development Note 0.500% Due 10/28/2025	15,000,000.00	Various 0.55%	14,964,951.60 14,971,798.50	97.46 1.18%	14,619,285.00 13,125.00	1.97% (352,513.50)	Aaa / AAA AAA	3.83 3.77
4581X0DV7	Inter-American Dev Bank Note 0.875% Due 04/20/2026	13,370,000.00	04/13/2021 0.97%	13,308,765.40 13,317,350.32	98.44 1.25%	13,160,799.61 23,072.53	1.78% (156,550.71)	Aaa / AAA AAA	4.30 4.20
TOTAL Supranational		**69,940,000.00**	**1.11%**	**69,585,857.85** **69,814,830.01**	**0.96%**	**69,086,412.06** **221,683.03**	**9.34%** **(728,417.95)**	**Aaa / AAA** **Aaa**	**2.67** **2.62**
US Treasury									
912796U23	US Treasury Bill 0.110% Due 04/26/2022	10,000,000.00	12/27/2021 0.11%	9,996,363.89 9,996,486.11	99.96 0.11%	9,996,486.11 0.00	1.35% 0.00	P-1 / A-1+ F-1+	0.32 0.32
912828L57	US Treasury Note 1.750% Due 09/30/2022	6,500,000.00	Various 1.98%	6,427,954.10 6,489,322.78	101.07 0.32%	6,569,316.00 29,062.51	0.89% 79,993.22	Aaa / AA+ AAA	0.75 0.74
912828M80	US Treasury Note 2.000% Due 11/30/2022	8,000,000.00	12/22/2017 2.25%	7,907,500.00 7,982,887.50	101.45 0.41%	8,115,936.00 14,065.93	1.10% 133,048.50	Aaa / AA+ AAA	0.92 0.91
912828N30	US Treasury Note 2.125% Due 12/31/2022	5,000,000.00	01/24/2018 2.44%	4,926,562.50 4,985,157.55	101.66 0.46%	5,083,010.00 293.51	0.68% 97,852.45	Aaa / AA+ AAA	1.00 0.99

Holdings Report

As of December 31, 2021

Orange County Sanitation District Long Term - Account #10268

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
91282CBG5	US Treasury Note 0.125% Due 01/31/2023	10,000,000.00	03/29/2021 0.14%	9,998,046.88 9,998,851.96	99.66 0.44%	9,965,620.00 5,230.98	1.34% (33,231.96)	Aaa / AA+ AAA	1.08 1.08
9128284D9	US Treasury Note 2.500% Due 03/31/2023	10,000,000.00	Various 2.75%	9,887,265.63 9,971,624.22	102.47 0.51%	10,246,880.00 63,873.63	1.39% 275,255.78	Aaa / AA+ AAA	1.25 1.23
912828R69	US Treasury Note 1.625% Due 05/31/2023	5,000,000.00	05/30/2018 2.67%	4,757,226.56 4,931,528.85	101.51 0.55%	5,075,585.00 7,142.86	0.68% 144,056.15	Aaa / AA+ AAA	1.41 1.40
912828U57	US Treasury Note 2.125% Due 11/30/2023	15,000,000.00	Various 2.53%	14,723,632.81 14,890,643.83	102.70 0.71%	15,404,295.00 28,021.98	2.08% 513,651.17	Aaa / AA+ AAA	1.92 1.88
91282CBA8	US Treasury Note 0.125% Due 12/15/2023	6,500,000.00	12/29/2020 0.17%	6,491,367.19 6,494,300.75	98.86 0.71%	6,426,114.50 379.46	0.87% (68,186.25)	Aaa / AA+ AAA	1.96 1.95
91282CDR9	US Treasury Note 0.750% Due 12/31/2023	7,500,000.00	12/28/2021 0.75%	7,500,292.97 7,500,292.57	100.04 0.73%	7,502,640.00 155.39	1.01% 2,347.43	Aaa / AA+ AAA	2.00 1.98
912828V80	US Treasury Note 2.250% Due 01/31/2024	7,500,000.00	Various 2.27%	7,491,503.91 7,496,299.89	103.09 0.75%	7,731,442.50 70,618.20	1.05% 235,142.61	Aaa / AA+ AAA	2.08 2.02
912828W48	US Treasury Note 2.125% Due 02/29/2024	10,000,000.00	04/24/2019 2.32%	9,911,718.75 9,960,669.73	102.89 0.78%	10,288,670.00 72,203.04	1.40% 328,000.27	Aaa / AA+ AAA	2.16 2.10
912828WJ5	US Treasury Note 2.500% Due 05/15/2024	7,000,000.00	06/10/2019 1.91%	7,193,046.88 7,092,769.75	103.90 0.84%	7,273,161.00 22,720.99	0.98% 180,391.25	Aaa / AA+ AAA	2.37 2.30
912828XX3	US Treasury Note 2.000% Due 06/30/2024	5,000,000.00	07/12/2019 1.88%	5,028,710.94 5,014,434.69	102.81 0.86%	5,140,625.00 276.24	0.69% 126,190.31	Aaa / AA+ AAA	2.50 2.44
912828WU0	US Treasury Inflation Index Note 0.125% Due 07/15/2024	12,111,216.00	Various 0.22%	11,999,881.93 12,082,869.74	106.61 (2.38%)	12,911,452.47 6,993.57	1.74% 828,582.73	Aaa / AA+ AAA	2.54 2.57
91282CCX7	US Treasury Note 0.375% Due 09/15/2024	10,500,000.00	Various 0.81%	10,377,363.28 10,378,940.68	98.61 0.90%	10,353,987.00 11,747.23	1.40% (24,953.68)	Aaa / AA+ AAA	2.71 2.68
912828YH7	US Treasury Note 1.500% Due 09/30/2024	14,000,000.00	Various 1.72%	13,859,296.88 13,919,234.36	101.60 0.91%	14,224,224.00 53,653.85	1.92% 304,989.64	Aaa / AA+ AAA	2.75 2.68
9128283J7	US Treasury Note 2.125% Due 11/30/2024	16,500,000.00	Various 1.76%	16,783,886.72 16,667,067.04	103.36 0.95%	17,054,944.50 30,824.18	2.30% 387,877.46	Aaa / AA+ AAA	2.92 2.83
912828ZL7	US Treasury Note 0.375% Due 04/30/2025	12,000,000.00	Various 0.38%	11,998,515.63 11,998,973.65	97.81 1.04%	11,737,500.00 7,707.19	1.58% (261,473.65)	Aaa / AA+ AAA	3.33 3.29
91282CAM3	US Treasury Note 0.250% Due 09/30/2025	6,500,000.00	10/16/2020 0.32%	6,477,656.25 6,483,084.53	96.88 1.10%	6,296,875.00 4,151.79	0.85% (186,209.53)	Aaa / AA+ AAA	3.75 3.71
91282CBC4	US Treasury Note 0.375% Due 12/31/2025	10,000,000.00	Various 0.49%	9,943,320.32 9,952,489.85	96.97 1.15%	9,697,270.00 103.59	1.31% (255,219.85)	Aaa / AA+ AAA	4.00 3.95
91282CBH3	US Treasury Note 0.375% Due 01/31/2026	18,000,000.00	Various 0.63%	17,781,875.00 17,818,395.30	96.79 1.18%	17,422,038.00 28,247.28	2.35% (396,357.30)	Aaa / AA+ AAA	4.09 4.03

Holdings Report

As of December 31, 2021

Orange County Sanitation District Long Term - Account #10268

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
91282CBT7	US Treasury Note 0.750% Due 03/31/2026	10,000,000.00	Various 0.87%	9,943,359.37 9,951,812.92	98.15 1.20%	9,815,230.00 19,162.09	1.32% (136,582.92)	Aaa / AA+ AAA	4.25 4.15
91282CCF6	US Treasury Note 0.750% Due 05/31/2026	7,500,000.00	06/18/2021 0.91%	7,443,750.00 7,449,795.71	98.00 1.22%	7,350,000.00 4,945.05	0.99% (99,795.71)	Aaa / AA+ AAA	4.42 4.32
91282CCW9	US Treasury Note 0.750% Due 08/31/2026	8,000,000.00	Various 1.08%	7,874,375.01 7,879,525.04	97.82 1.23%	7,825,624.00 20,386.74	1.06% (53,901.04)	Aaa / AA+ AAA	4.67 4.55
91282CDG3	US Treasury Note 1.125% Due 10/31/2026	19,250,000.00	Various 1.27%	19,119,013.68 19,120,625.08	99.40 1.25%	19,134,192.00 37,090.82	2.58% 13,566.92	Aaa / AA+ AAA	4.84 4.68
TOTAL US Treasury		**257,361,216.00**	**1.28%**	**255,843,487.08** **256,508,084.08**	**0.69%**	**258,643,118.08** **539,058.10**	**34.92%** **2,135,034.00**	**Aaa / AA+** **Aaa**	**2.72** **2.66**
TOTAL PORTFOLIO		**734,404,033.41**	**1.38%**	**736,026,783.74** **735,828,098.10**	**0.82%**	**739,934,201.75** **2,291,576.14**	**100.00%** **4,106,103.65**	**Aa1 / AA+** **Aaa**	**2.58** **2.37**
TOTAL MARKET VALUE PLUS ACCRUALS						**742,225,777.89**			

Holdings Report

As of December 31, 2021

Orange County Sanitation District Liquid - Account #10282

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
Commercial Paper									
62479MAM5	MUFG Bank Ltd/NY Discount CP 0.140% Due 01/21/2022	2,000,000.00	04/27/2021 0.14%	1,997,907.78 1,999,844.44	99.99 0.14%	1,999,844.44 0.00	0.87% 0.00	P-1 / A-1 NR	0.06 0.06
89233HAU8	Toyota Motor Credit Discount CP 0.150% Due 01/28/2022	4,000,000.00	05/24/2021 0.15%	3,995,866.67 3,999,550.00	99.99 0.15%	3,999,550.00 0.00	1.73% 0.00	P-1 / A-1+ F-1	0.08 0.08
TOTAL Commercial Paper		**6,000,000.00**	**0.15%**	**5,993,774.45 5,999,394.44**	**0.15%**	**5,999,394.44 0.00**	**2.60% 0.00**	**P-1 / A-1 F-1**	**0.07 0.07**
Corporate									
14913Q2T5	Caterpillar Finl Service Note 2.950% Due 02/26/2022	2,000,000.00	05/06/2021 0.20%	2,043,700.00 2,008,380.82	100.37 0.54%	2,007,352.00 20,486.11	0.88% (1,028.82)	A2 / A A	0.16 0.15
61744YAH1	Morgan Stanley Note 2.750% Due 05/19/2022	2,000,000.00	06/15/2021 0.19%	2,047,260.00 2,019,352.76	100.90 0.41%	2,017,900.00 6,416.67	0.88% (1,452.76)	A1 / BBB+ A	0.38 0.38
02665WDF5	American Honda Finance Note 1.950% Due 05/20/2022	2,000,000.00	06/16/2021 0.17%	2,032,780.00 2,013,560.77	100.57 0.46%	2,011,466.00 4,441.67	0.87% (2,094.77)	A3 / A- NR	0.38 0.39
05531FBG7	Truist Financial Corporation Callable Note Cont 5/20/2022 3.050% Due 06/20/2022	2,000,000.00	07/01/2021 0.21%	2,049,420.00 2,021,601.82	100.98 0.50%	2,019,612.00 1,863.89	0.88% (1,989.82)	A3 / A- A	0.47 0.39
TOTAL Corporate		**8,000,000.00**	**0.19%**	**8,173,160.00 8,062,896.17**	**0.48%**	**8,056,330.00 33,208.34**	**3.50% (6,566.17)**	**A2 / A- A**	**0.35 0.33**
Money Market Fund									
31846V567	First American Govt Obligation MMKT Class-Z	8,073,528.50	Various 0.03%	8,073,528.50 8,073,528.50	1.00 0.03%	8,073,528.50 0.00	3.50% 0.00	Aaa / AAA AAA	0.00 0.00
TOTAL Money Market Fund		**8,073,528.50**	**0.03%**	**8,073,528.50 8,073,528.50**	**0.03%**	**8,073,528.50 0.00**	**3.50% 0.00**	**Aaa / AAA Aaa**	**0.00 0.00**
Negotiable CD									
06417MNK7	Bank of Nova Scotia Houston Yankee CD 0.220% Due 04/08/2022	3,000,000.00	04/09/2021 0.22%	3,000,000.00 3,000,000.00	100.00 0.23%	2,999,931.00 4,895.00	1.30% (69.00)	P-1 / A-1 F-1+	0.27 0.27
89114W7M1	Toronto Dominion Yankee CD 0.240% Due 04/28/2022	2,000,000.00	04/29/2021 0.24%	1,999,999.94 1,999,999.98	100.00 0.23%	2,000,076.00 3,306.67	0.87% 76.02	P-1 / A-1 F-1+	0.32 0.32
86959RQE3	Svenska Handelsbanken NY Yankee CD 0.230% Due 05/10/2022	3,000,000.00	08/26/2021 0.17%	3,001,280.93 3,000,642.96	100.01 0.20%	3,000,354.00 4,523.33	1.30% (288.96)	P-1 / A-1+ F-1+	0.36 0.36

Holdings Report

As of December 31, 2021

Orange County Sanitation District Liquid - Account #10282

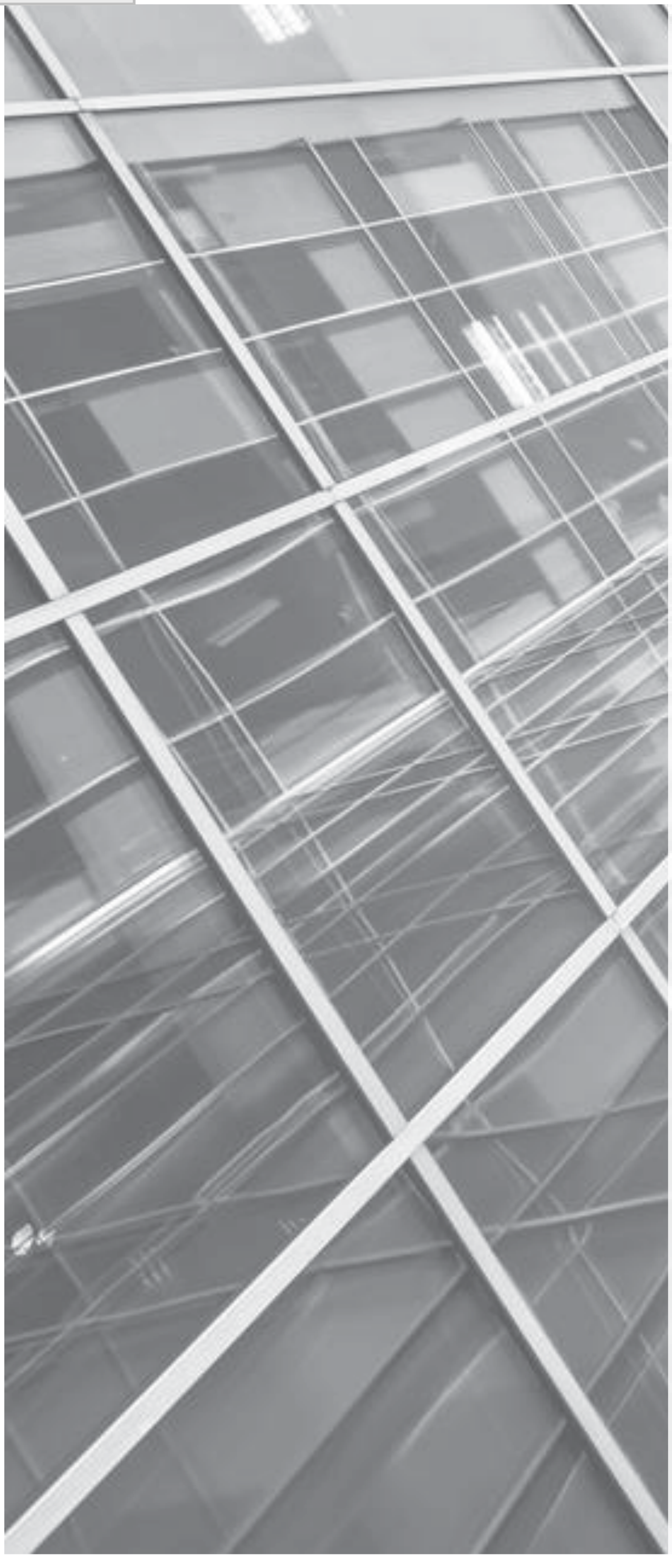
CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
65558UBJ0	Nordea Bank APB New York Yankee CD 0.210% Due 05/16/2022	3,000,000.00	05/19/2021 0.20%	3,000,300.89 3,000,112.21	100.03 0.13%	3,000,948.00 4,060.00	1.30% 835.79	P-1 / A-1+ F-1+	0.37 0.37
TOTAL Negotiable CD		**11,000,000.00**	**0.20%**	**11,001,581.76 11,000,755.15**	**0.19%**	**11,001,309.00 16,785.00**	**4.77% 553.85**	**Aaa / AAA Aaa**	**0.33 0.33**
US Treasury									
912828H86	US Treasury Note 1.500% Due 01/31/2022	27,500,000.00	Various 0.06%	27,691,210.94 27,532,351.49	100.11 0.19%	27,530,222.50 172,622.28	12.00% (2,128.99)	Aaa / AA+ AAA	0.08 0.08
912828Z60	US Treasury Note 1.375% Due 01/31/2022	40,000,000.00	Various 0.05%	40,226,757.82 40,043,147.71	100.10 0.19%	40,039,840.00 230,163.04	17.44% (3,307.71)	Aaa / AA+ AAA	0.08 0.08
912796D30	US Treasury Bill 0.047% Due 02/24/2022	12,000,000.00	08/30/2021 0.05%	11,997,256.50 11,999,163.00	99.99 0.05%	11,999,163.00 0.00	5.20% 0.00	P-1 / A-1+ F-1+	0.15 0.15
912828J43	US Treasury Note 1.750% Due 02/28/2022	7,500,000.00	04/29/2021 0.05%	7,606,054.69 7,520,234.12	100.26 0.14%	7,519,657.50 44,595.99	3.28% (576.62)	Aaa / AA+ AAA	0.16 0.16
9128286H8	US Treasury Note 2.375% Due 03/15/2022	7,500,000.00	04/29/2021 0.06%	7,651,757.81 7,534,728.28	100.45 0.17%	7,533,832.50 53,142.27	3.29% (895.78)	Aaa / AA+ AAA	0.20 0.20
9128286M7	US Treasury Note 2.250% Due 04/15/2022	7,500,000.00	04/29/2021 0.06%	7,657,324.22 7,546,747.77	100.60 0.18%	7,544,760.00 36,160.71	3.28% (1,987.77)	Aaa / AA+ AAA	0.29 0.29
912796U23	US Treasury Bill 0.107% Due 04/26/2022	10,000,000.00	12/27/2021 0.11%	9,996,463.06 9,996,581.95	99.97 0.11%	9,996,581.95 0.00	4.33% 0.00	P-1 / A-1+ F-1+	0.32 0.32
912828ZM5	US Treasury Note 0.125% Due 04/30/2022	25,000,000.00	Various 0.06%	25,014,746.10 25,005,339.01	100.00 0.12%	25,000,650.00 5,352.20	10.83% (4,689.01)	Aaa / AA+ AAA	0.33 0.33
912796R43	US Treasury Bill 0.185% Due 06/23/2022	10,000,000.00	12/27/2021 0.19%	9,990,904.17 9,991,109.73	99.91 0.19%	9,991,109.73 0.00	4.33% 0.00	P-1 / A-1+ F-1+	0.48 0.48
912828ZX1	US Treasury Note 0.125% Due 06/30/2022	7,000,000.00	Various 0.16%	6,998,750.00 6,998,845.69	99.96 0.20%	6,997,263.00 24.18	3.03% (1,582.69)	Aaa / AA+ AAA	0.50 0.50
912796R50	US Treasury Bill 0.206% Due 06/30/2022	13,000,000.00	12/28/2021 0.21%	12,986,494.08 12,986,642.50	99.90 0.21%	12,986,642.50 0.00	5.63% 0.00	P-1 / A-1+ F-1+	0.50 0.50
91282CAC5	US Treasury Note 0.125% Due 07/31/2022	30,000,000.00	Various 0.20%	29,986,523.43 29,986,682.21	99.93 0.25%	29,978,910.00 15,692.94	12.99% (7,772.21)	Aaa / AA+ AAA	0.58 0.58
TOTAL US Treasury		**197,000,000.00**	**0.10%**	**197,804,242.82 197,141,573.46**	**0.18%**	**197,118,632.68 557,753.61**	**85.63% (22,940.78)**	**Aaa / AA+ Aaa**	**0.28 0.28**
TOTAL PORTFOLIO		**230,073,528.50**	**0.11%**	**231,046,287.53 230,278,147.72**	**0.18%**	**230,249,194.62 607,746.95**	**100.00% (28,953.10)**	**Aaa / AA+ Aaa**	**0.27 0.27**
TOTAL MARKET VALUE PLUS ACCRUALS						**230,856,941.57**			

Holdings Report

As of December 31, 2021

OC SAN Lehman Exposure - Account #10284

CUSIP	Security Description	Par Value/Units	Purchase Date Book Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody/S&P Fitch	Maturity Duration
Common Stock									
SLHOPNTA4	Lehman Brothers, Inc Open Position Long Exposure 0.000% Due 12/31/2021	60,641.49	11/21/2014 0.00%	57,842.64 57,842.64	0.42 0.00%	25,621.03 0.00	64.18% (32,221.61)	NR / NR NR	0.00 0.00
TOTAL Common Stock		**60,641.49**	**0.00%**	**57,842.64** **57,842.64**	**0.00%**	**25,621.03** **0.00**	**64.18%** **(32,221.61)**	**NR / NR** **NR**	**0.00** **0.00**
Corporate									
525ESCIB7	Lehman Brothers Note-Defaulted 0.000% Due 01/24/2022	600,000.00	09/19/2008 0.00%	316,428.27 316,428.27	0.55 0.00%	3,300.00 0.00	8.27% (313,128.27)	NR / NR NR	0.07 0.00
525ESC0Y6	Lehman Brothers Note-Defaulted 0.000% Due 10/22/2049	2,000,000.00	09/18/2008 0.00%	1,019,380.10 1,019,380.10	0.55 0.00%	11,000.00 0.00	27.55% (1,008,380.10)	NR / NR NR	27.83 0.00
TOTAL Corporate		**2,600,000.00**	**0.00%**	**1,335,808.37** **1,335,808.37**	**0.00%**	**14,300.00** **0.00**	**35.82%** **(1,321,508.37)**	**NR / NR** **NR**	**21.42** **0.00**
TOTAL PORTFOLIO		**2,660,641.49**	**0.00%**	**1,393,651.01** **1,393,651.01**	**0.00%**	**39,921.03** **0.00**	**100.00%** **(1,353,729.98)**	**NR / NR** **NR**	**7.67** **0.00**
TOTAL MARKET VALUE PLUS ACCRUALS						**39,921.03**			



Section 5 | Transactions

Transaction Ledger

As of December 31, 2021

Orange County Sanitation District Long Term - Account #10268

September 30, 2021 through December 31, 2021

Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
ACQUISITIONS										
Purchase	10/15/2021	86959RTW0	6,000,000.00	Svenska Handelsbanken NY Yankee CD 0.255% Due: 10/14/2022	100.005	0.25%	6,000,302.58	0.00	6,000,302.58	0.00
Purchase	10/21/2021	362554AC1	1,705,000.00	GM Financial Securitized Term 2021-4 A3 0.68% Due: 09/16/2026	99.997	0.68%	1,704,956.52	0.00	1,704,956.52	0.00
Purchase	10/28/2021	91282CCW9	5,000,000.00	US Treasury Note 0.75% Due: 08/31/2026	98.195	1.13%	4,909,765.63	6,008.29	4,915,773.92	0.00
Purchase	11/17/2021	44935FAD6	1,600,000.00	Hyundai Auto Receivables Trust 2021-C A3 0.74% Due: 05/15/2026	99.978	0.75%	1,599,642.88	0.00	1,599,642.88	0.00
Purchase	11/17/2021	91282CDG3	3,000,000.00	US Treasury Note 1.125% Due: 10/31/2026	99.316	1.27%	2,979,492.19	1,584.94	2,981,077.13	0.00
Purchase	11/24/2021	43815GAC3	2,290,000.00	Honda Auto Receivables Trust 2021-4 A3 0.88% Due: 01/21/2026	99.979	0.89%	2,289,517.27	0.00	2,289,517.27	0.00
Purchase	11/26/2021	91282CDG3	4,500,000.00	US Treasury Note 1.125% Due: 10/31/2026	98.988	1.34%	4,454,472.66	3,636.05	4,458,108.71	0.00
Purchase	11/29/2021	747525AF0	3,790,000.00	Qualcomm Inc Callable Note Cont 2/20/2025 3.45% Due: 05/20/2025	106.346	1.57%	4,030,513.40	3,268.88	4,033,782.28	0.00
Purchase	12/22/2021	91282CDG3	4,250,000.00	US Treasury Note 1.125% Due: 10/31/2026	99.520	1.23%	4,229,580.08	6,868.09	4,236,448.17	0.00
Purchase	12/27/2021	78015K7H1	1,500,000.00	Royal Bank of Canada Note 1.15% Due: 06/10/2025	99.060	1.43%	1,485,900.00	814.58	1,486,714.58	0.00
Purchase	12/28/2021	912796U23	10,000,000.00	US Treasury Bill 0.11% Due: 04/26/2022	99.964	0.11%	9,996,363.89	0.00	9,996,363.89	0.00
Purchase	12/29/2021	747525AF0	2,000,000.00	Qualcomm Inc Callable Note Cont 2/20/2025 3.45% Due: 05/20/2025	106.550	1.46%	2,131,000.00	7,475.00	2,138,475.00	0.00
Purchase	12/29/2021	91282CCX7	7,500,000.00	US Treasury Note 0.375% Due: 09/15/2024	98.559	0.91%	7,391,894.53	8,157.80	7,400,052.33	0.00
Purchase	12/29/2021	91282CDG3	7,500,000.00	US Treasury Note 1.125% Due: 10/31/2026	99.406	1.25%	7,455,468.75	13,751.73	7,469,220.48	0.00
Purchase	12/31/2021	91282CDR9	7,500,000.00	US Treasury Note 0.75% Due: 12/31/2023	100.004	0.75%	7,500,292.97	0.00	7,500,292.97	0.00
Subtotal			**68,135,000.00**				**68,159,163.35**	**51,565.36**	**68,210,728.71**	**0.00**

Transaction Ledger

As of December 31, 2021

Orange County Sanitation District Long Term - Account #10268

September 30, 2021 through December 31, 2021

Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
Security Contribution	10/27/2021	912828WU0	13,104.00	US Treasury Inflation Index Note 0.125% Due: 07/15/2024	100.000		13,104.00	4.63	13,108.63	0.00
Security Contribution	10/31/2021	912828WU0	12,792.00	US Treasury Inflation Index Note 0.125% Due: 07/15/2024	100.000		12,792.00	4.69	12,796.69	0.00
Security Contribution	11/30/2021	912828WU0	32,240.00	US Treasury Inflation Index Note 0.125% Due: 07/15/2024	100.000		32,240.00	15.22	32,255.22	0.00
Security Contribution	12/31/2021	912828WU0	97,656.00	US Treasury Inflation Index Note 0.125% Due: 07/15/2024	100.000		97,656.00	0.00	97,656.00	0.00
Subtotal			**155,792.00**				**155,792.00**	**24.54**	**155,816.54**	**0.00**
TOTAL ACQUISITIONS			**68,290,792.00**				**68,314,955.35**	**51,589.90**	**68,366,545.25**	**0.00**
DISPOSITIONS										
Sale	10/15/2021	3135G0T45	5,000,000.00	FNMA Note 1.875% Due: 04/05/2022	100.860	1.99%	5,043,000.00	2,604.17	5,045,604.17	45,638.04
Sale	10/15/2021	912828L24	1,000,000.00	US Treasury Note 1.875% Due: 08/31/2022	101.566	1.92%	1,015,664.06	2,330.80	1,017,994.86	16,024.98
Sale	10/28/2021	912828L24	1,500,000.00	US Treasury Note 1.875% Due: 08/31/2022	101.484	1.92%	1,522,265.63	4,506.22	1,526,771.85	22,785.01
Sale	10/28/2021	912828L57	3,500,000.00	US Treasury Note 1.75% Due: 09/30/2022	101.504	1.95%	3,552,636.72	4,711.54	3,557,348.26	59,759.90
Subtotal			**11,000,000.00**				**11,133,566.41**	**14,152.73**	**11,147,719.14**	**144,207.93**
Maturity	11/24/2021	06417MMB8	5,000,000.00	Bank of Nova Scotia Houston Yankee CD 0.28% Due: 11/24/2021	100.000		5,000,000.00	14,155.56	5,014,155.56	0.00
Subtotal			**5,000,000.00**				**5,000,000.00**	**14,155.56**	**5,014,155.56**	**0.00**
TOTAL DISPOSITIONS			**16,000,000.00**				**16,133,566.41**	**28,308.29**	**16,161,874.70**	**144,207.93**

Transaction Ledger

As of December 31, 2021

Orange County Sanitation District Liquid - Account #10282

September 30, 2021 through December 31, 2021

Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
ACQUISITIONS										
Purchase	11/12/2021	912828Z60	5,000,000.00	US Treasury Note 1.375% Due: 01/31/2022	100.285	0.06%	5,014,257.81	19,429.35	5,033,687.16	0.00
Purchase	11/16/2021	912828H86	5,000,000.00	US Treasury Note 1.5% Due: 01/31/2022	100.293	0.08%	5,014,648.44	22,010.87	5,036,659.31	0.00
Purchase	11/16/2021	912828Z60	5,000,000.00	US Treasury Note 1.375% Due: 01/31/2022	100.273	0.05%	5,013,671.88	20,176.63	5,033,848.51	0.00
Purchase	11/19/2021	912828Z60	5,000,000.00	US Treasury Note 1.375% Due: 01/31/2022	100.262	0.06%	5,013,085.94	20,737.09	5,033,823.03	0.00
Purchase	11/30/2021	912828Z60	5,000,000.00	US Treasury Note 1.375% Due: 01/31/2022	100.223	0.05%	5,011,132.81	22,792.12	5,033,924.93	0.00
Purchase	12/14/2021	912828ZX1	5,000,000.00	US Treasury Note 0.125% Due: 06/30/2022	99.984	0.15%	4,999,218.75	2,836.28	5,002,055.03	0.00
Purchase	12/22/2021	912828ZX1	2,000,000.00	US Treasury Note 0.125% Due: 06/30/2022	99.977	0.17%	1,999,531.25	1,188.86	2,000,720.11	0.00
Purchase	12/28/2021	912796R43	10,000,000.00	US Treasury Bill 0.185% Due: 06/23/2022	99.909	0.19%	9,990,904.17	0.00	9,990,904.17	0.00
Purchase	12/28/2021	912796U23	10,000,000.00	US Treasury Bill 0.107% Due: 04/26/2022	99.965	0.11%	9,996,463.06	0.00	9,996,463.06	0.00
Purchase	12/28/2021	91282CAC5	10,000,000.00	US Treasury Note 0.125% Due: 07/31/2022	99.953	0.20%	9,995,312.50	5,095.11	10,000,407.61	0.00
Purchase	12/30/2021	912796R50	13,000,000.00	US Treasury Bill 0.206% Due: 06/30/2022	99.896	0.21%	12,986,494.08	0.00	12,986,494.08	0.00
Purchase	12/30/2021	91282CAC5	5,000,000.00	US Treasury Note 0.125% Due: 07/31/2022	99.957	0.20%	4,997,851.56	2,581.52	5,000,433.08	0.00
Purchase	12/30/2021	91282CAC5	5,000,000.00	US Treasury Note 0.125% Due: 07/31/2022	99.957	0.20%	4,997,851.56	2,581.52	5,000,433.08	0.00
Purchase	12/30/2021	91282CAC5	5,000,000.00	US Treasury Note 0.125% Due: 07/31/2022	99.957	0.20%	4,997,851.56	2,581.52	5,000,433.08	0.00

Transaction Ledger

As of December 31, 2021

Orange County Sanitation District Liquid - Account #10282

September 30, 2021 through December 31, 2021

Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
Purchase	12/31/2021	91282CAC5	5,000,000.00	US Treasury Note 0.125% Due: 07/31/2022	99.953	0.21%	4,997,656.25	2,598.51	5,000,254.76	0.00
Subtotal			**95,000,000.00**				**95,025,931.62**	**124,609.38**	**95,150,541.00**	**0.00**
TOTAL ACQUISITIONS			**95,000,000.00**				**95,025,931.62**	**124,609.38**	**95,150,541.00**	**0.00**
DISPOSITIONS										
Maturity	11/29/2021	21687AYV9	2,000,000.00	Rabobank Nederland NV NY Discount CP 0.17% Due: 11/29/2021	99.899		2,000,000.00	0.00	2,000,000.00	0.00
Subtotal			**2,000,000.00**				**2,000,000.00**	**0.00**	**2,000,000.00**	**0.00**
TOTAL DISPOSITIONS			**2,000,000.00**				**2,000,000.00**	**0.00**	**2,000,000.00**	**0.00**

Important Disclosures

As of December 31, 2021

Information contained herein is confidential. Prices are provided by IDC, an independent pricing source. In the event IDC does not provide a price or if the price provided is not reflective of fair market value, Chandler will obtain pricing from an alternative approved third party pricing source in accordance with our written valuation policy and procedures. Our valuation procedures are also disclosed in Item 5 of our Form ADV Part 2A.

Performance results are presented gross-of-advisory fees and represent the client's Total Return. The deduction of advisory fees lowers performance results. These results include the reinvestment of dividends and other earnings. Past performance may not be indicative of future results. Therefore, clients should not assume that future performance of any specific investment or investment strategy will be profitable or equal to past performance levels. All investment strategies have the potential for profit or loss. Economic factors, market conditions or changes in investment strategies, contributions or withdrawals may materially alter the performance and results of your portfolio.

Index returns assume reinvestment of all distributions. Historical performance results for investment indexes generally do not reflect the deduction of transaction and/or custodial charges or the deduction of an investment management fee, the incurrence of which would have the effect of decreasing historical performance results. It is not possible to invest directly in an index.

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This report is provided for informational purposes only and should not be construed as a specific investment or legal advice. The information contained herein was obtained from sources believed to be reliable as of the date of publication, but may become outdated or superseded at any time without notice. Any opinions or views expressed are based on current market conditions and are subject to change. This report may contain forecasts and forward-looking statements which are inherently limited and should not be relied upon as indicator of future results. Past performance is not indicative of future results. This report is not intended to constitute an offer, solicitation, recommendation or advice regarding any securities or investment strategy and should not be regarded by recipients as a substitute for the exercise of their own judgment.

Fixed income investments are subject to interest, credit and market risk. Interest rate risk: the value of fixed income investments will decline as interest rates rise. Credit risk: the possibility that the borrower may not be able to repay interest and principal. Low rated bonds generally have to pay higher interest rates to attract investors willing to take on greater risk. Market risk: the bond market in general could decline due to economic conditions, especially during periods of rising interest rates.

Ratings information have been provided by Moody's, S&P and Fitch through data feeds we believe to be reliable as of the date of this statement, however we cannot guarantee its accuracy.

Security level ratings for U.S. Agency issued mortgage-backed securities ("MBS") reflect the issuer rating because the securities themselves are not rated. The issuing U.S. Agency guarantees the full and timely payment of both principal and interest and carries a AA+/Aaa/AAA by S&P, Moody's and Fitch respectively.

Benchmark Disclosures

As of December 31, 2021

ICE BofA 3-Month US Treasury Bill Index

The ICE BofA US 3-Month Treasury Bill Index is comprised of a single issue purchased at the beginning of the month and held for a full month. At the end of the month that issue is sold and rolled into a newly selected issue. The issue selected at each month-end rebalancing is the outstanding Treasury Bill that matures closest to, but not beyond, three months from the rebalancing date.

ICE BofA 1-5 Yr AAA-A US Corp & Govt Index

The ICE BofA 1-5 Year AAA-A US Corporate & Government Index tracks the performance of US dollar denominated investment grade debt publicly issued in the US domestic market, including US Treasury, US agency, foreign government, supranational, and corporate securities. Qualifying securities must be rated AAA through A3 (based on an average of Moody's, S&P and Fitch). In addition, qualifying securities must have at least one year remaining term to final maturity and less than five years remaining term to final maturity, at least 18 months to final maturity at point of issuance, a fixed coupon schedule, and a minimum amount outstanding of $1 billion for US Treasuries and $250 million for all other securities.

ICE BofA 1-5 Yr US Corp & Govt Index

The ICE BofA 1-5 Year US Corporate & Government Index tracks the performance of US dollar denominated investment grade debt publicly issued in the US domestic market, including US Treasury, US agency, foreign government, supranational, and corporate securities. Qualifying securities must have an investment grade rating (based on an average of Moody's, S&P and Fitch). In addition, qualifying securities must have at least one year remaining term to final maturity and less than five years remaining term to final maturity, at least 18 months to final maturity at point of issuance, a fixed coupon schedule, and a minimum amount outstanding of $1 billion for US Treasuries and $250 million for all other securities.

Rating Agency Comparisons

A summary of investment grade ratings are listed below. More complete descriptions of Moody's and Standard & Poor's ratings are included in the following pages.

Quality/Grade	Moody's	Standard & Poor's	Fitch
Best Quality	Aaa	AAA	AAA
High Quality	Aa1 Aa2 Aa3	AA+ AA AA-	AA+ AA AA-
Upper Medium Grade	A1 A2 A3	A+ A A-	A+ A A-
Medium Grade	Baa1 Baa2 Baa3	BBB+ BBB BBB-	BBB+ BBB BBB1

Moody's - Investment Grade

"Aaa" - Bonds rated Aaa are judged to be of the best quality. They carry the smallest degree of investment risk. Interest payments are protected by a large or by an exceptionally stable margin and principal is secure. While the various protective elements are likely to change, such changes as can be visualized are most unlikely to impair the fundamentally strong position of such issues.

"Aa" - Bonds which are rated Aa are judged to be of high quality by all standards. Together with the Aaa group they comprise what are generally known as high grade bonds. They are rated lower than the best bonds because margins of protection may not be as large as in Aaa securities or fluctuation of protective elements may be of greater amplitude or there may be other elements present which make the long-term risks appear somewhat larger than in Aaa securities.

"A" - Bonds which are rated A possess many favorable investment attributes and are to be considered as upper medium grade obligations. Factors giving security to principal and interest are considered adequate, but elements may be present which suggest a susceptibility to impairment sometime in the future.

"Baa" - Bonds which are rated Baa are considered as medium grade obligations; i.e., they are neither highly protected nor poorly secured. Interest payments and principal security appear adequate for the present but certain protective elements may be lacking or may be characteristically unreliable over any great length of time. Such bonds lack outstanding investment characteristics and in fact have speculative characteristics as well.

Bonds in the Aa, A, and Baa are also assigned "1", "2", or "3" based on the strength of the issue within each category. Accordingly, "A1" would be the strongest group of A securities and "A3" would be the weakest A securities.

Ba, B, Caa, Ca, and C - Bonds that possess one of these ratings provide questionable protection of interest and principal ("Ba" indicates some speculative elements; "B" indicates a general lack of characteristics of desirable investment; "Caa" represents a poor standing; "Ca" represents obligations which are speculative in a high degree; and "C" represents the lowest rated class of bonds). "Caa", "Ca" and "C" bonds may be in default.

Standard and Poor's - Investment Grade

AAA - Debt rated "AAA" has the highest rating assigned by S&P. Capacity to pay interest and repay principal Is extremely strong.

AA - Debt rated "AA" has a very strong capacity to pay interest and repay principal and differs from the highest rated issues only in small degree.

A - Debt rated "A" has a strong capacity to pay interest and repay principal although it is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than debt in higher rated categories.

BBB - Debt rated "BBB" is regarded as having an adequate capacity to pay interest and repay principal. Whereas it normally exhibits adequate protection parameters, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity to pay interest and repay principal for debt in this category than in higher rated categories.

Standard and Poor's - Speculative Grade Rating

Debt rated "BB", "B", "CCC", "CC" and "C" is regarded as having predominantly speculative characteristics with respect to capacity to pay interest and repay principal. "BB" indicates the least degree of speculation and "C" the highest. While such debt will likely have some quality and protective characteristics these are outweighed by major uncertainties or major exposures to adverse conditions.

BB - Debt rated "BB" has less near-term vulnerability to default than other speculative issues. However, it faces major ongoing uncertainties or exposure to adverse business, financial, or economic conditions which could lead to inadequate capacity to meet timely interest and principal payments. The "BB" rating category is also used for debt subordinated to senior debt that is assigned an actual or implied "BBB" rating.

B - Debt rated "B" has a greater vulnerability to default but currently has the capacity to meet interest payments and principal repayments. Adverse business, financial, or economic conditions will likely impair capacity or willingness to pay interest and repay principal. The "B" rating category is also used for debt subordinated to senior debt that is assigned an actual or implied "BB" or "BB" rating.

CCC - Debt rated "CCC" has a currently identifiable vulnerability to default, and is dependent upon favorable business, financial, and economic conditions to meet timely payment of interest and repayment of principal. In the event of adverse business, financial, or economic conditions, it is not likely to have the capacity to pay interest and repay principal. The "CCC" rating category is also used for debt subordinated to senior debt that is assigned an actual or implied "B" or "B" rating.

CC - The rating "CC" typically is applied to debt subordinated to senior debt that is assigned an actual or implied "CCC" debt rating.

C - The rating “C” typically is applied to debt subordinated to senior debt which is assigned an actual or implied “CCC” debt rating. The “C” rating may be used to cover a situation where a bankruptcy petition has been filed, but debt service payments are continued.

CI - The rating "CI" is reserved for income bonds on which no interest is being paid.

D - Debt rated “D” is in payment default. The "D" rating category is used when interest payments or principal payments are not made on the date due even if the applicable grace period has not expired, unless S&P believes that such payments will be made during such grace period. The “D” rating also will be used upon the filing of a bankruptcy petition if debt service payments are jeopardized.

Plus (+) or Minus (-) - The ratings from "AA" to "CCC" may be modified by the addition of a plus or minus sign to show relative standing within the major rating categories.

NR - Indicates no rating has been requested, that there is insufficient information on which to base a rating, or that S&P does not rate a particular type of obligation as a matter of policy.

January 31, 2022

STAFF REPORT

Mid-Year Certificates of Participation (COP) Report
for the Period Ended December 31, 2021

Summary

The Orange County Sanitation District (OC San) began issuing Certificates of Participation (COPs) in 1990. These COPs were a part of our long-term financing plan that included both variable interest rate and traditional fixed rate borrowing. Following are the current outstanding debt issues of OC San:

In May 2010, OC San issued $80 million of fixed rate Build America Bonds (BABs), Series 2010A at a true interest cost of 3.68 percent for the issue.

In December 2010, OC San issued $157 million of fixed rate BABs, Series 2010C at a true interest cost of 4.11 percent for the issue.

In October 2011, OC San issued $147.595 million of fixed rate COPs, Series 2011A refunding a portion of the Series 2000 variable rate debt and a portion of the Series 2003 fixed rate debt. The true interest cost for the issue is 2.61 percent.

In March 2012, OC San issued $100.645 million of fixed rate COPs, Series 2012A refunding the Series 2003 fixed rate debt. The true interest cost for the issue is 3.54 percent.

In August 2012, OC San issued $66.395 million of fixed rate COPs, Series 2012B refunding the Series 2000 variable rate debt. The true interest cost for the issue is 1.50 percent.

With the issuance of Series 2012B, there remains no variable interest rate COPs at OC San.

In August 2014, OC San issued $85.09 million of fixed rate COPs, Series 2014A, refunding a portion of Series 2007B debt. The true interest cost for the issue is 2.34 percent.

In February 2015, OC San issued $127.51 million of fixed rate COPs, Series 2015A, refunding $152.99 million of the Series 2007B debt. The true interest cost for the issue is 3.30 percent.

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In March 2016, OC San issued $145.88 million of fixed rate COPs, Series 2016A, refunding $162.78 million of the Series 2009A fixed rate debt. The true interest cost for the issue is 3.02 percent.

In February 2017, OC San issued $66.37 million of fixed rate COPs, Series 2017A, refunding $91.885 million of the Series 2007A debt. The true interest cost for the issue is 2.55 percent.

In July 2021, OC San issued $133.51 million of fixed rate COPs, Series 2021A, refunding $61.575 million of the Series 2011A fixed rate debt and $102.2 million of the Series 2018A fixed rate debt. The true interest cost for the issue is 1.06 percent

Additional Information

The graph entitled, "COP Rate History Report," shows the various fixed interest rates of the OC San's ten debt issues.

Attachment

1. Graph - COP Rate History Report

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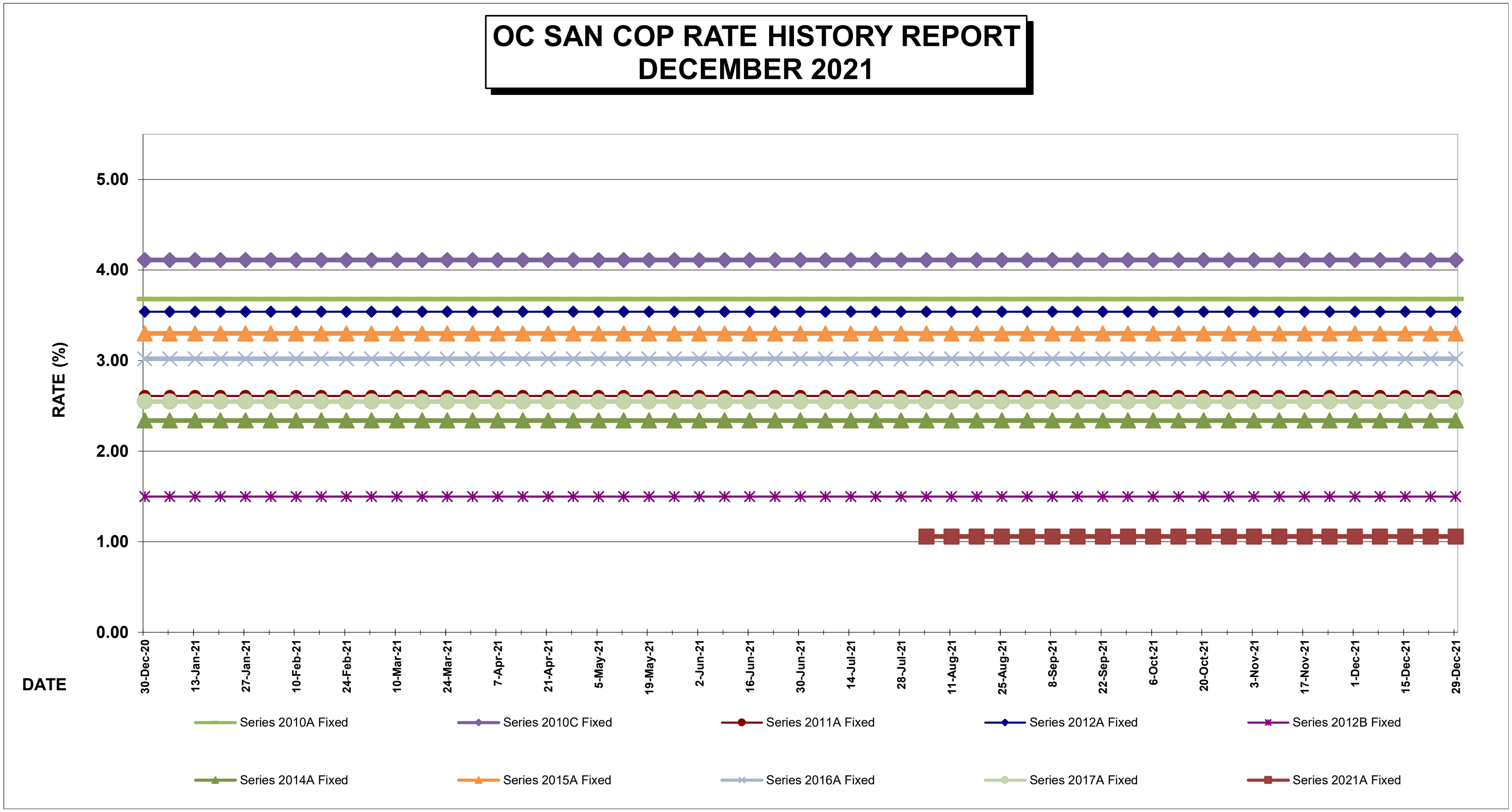

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ORANGE COUNTY SANITATION DISTRICT

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FINANCIAL MANAGEMENT DIVISION
10844 Ellis Avenue
Fountain Valley, California 92708-7018
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www.ocsan.gov

12/31/21

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

ADMINISTRATION COMMITTEE

Agenda Report

File #: 2021-2021 **Agenda Date:** 2/9/2022 **Agenda Item No:** 3.

FROM: James D. Herberg, General Manager
Originator: Lorenzo Tyner, Assistant General Manager

SUBJECT:

DESIGNATION OF APPLICANT'S AGENT FOR DISASTER RELIEF

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

Adopt Resolution No. OC SAN 22-XX, entitled: "A Resolution of the Board of Directors of the Orange County Sanitation District authorizing the General Manager or either Assistant General Manager to Execute State Office of Emergency Services and/or Federal Emergency Management Agency Documents and Relevant Permit Applications for Present and Future Disaster Relief Applications; and Repealing Resolution No. OCSD 19-01".

BACKGROUND

Situations which result in Orange County being declared a State or Federal disaster area can offer the opportunity for the Orange County Sanitation District (OC San) to apply for State and Federal emergency grant funding to reimburse expenses for related repairs and activities. Such reimbursements are overseen by the California Governor's Office of Emergency Services and/or the Federal Emergency Management Agency.

RELEVANT STANDARDS

- Government Code P.L. 93-288 as Amended by the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988
- California Disaster Assistance Act

PROBLEM

The current Resolution authorizes the General Manager and designees to apply for State and Federal Assistance. The Resolution must be updated every three years.

PROPOSED SOLUTION

Staff seeks a Board resolution authorizing the General Manager, and either Assistant General Manager, as agents, to apply for funds on behalf of OC San. This designation remains in effect for three years from the date of the Resolution.

TIMING CONCERNS

The three years will expire on February 26, 2022, therefore OC San must update the Resolution. In qualifying emergency situations, OC San has applied for, and has been granted, funds in the past. With this Resolution in place, staff can respond quickly to secure available funds should another emergency occur.

RAMIFICATIONS OF NOT TAKING ACTION

Should another qualifying emergency occur without a current Resolution in place, OC San may not be granted or able to secure available funds.

PRIOR COMMITTEE/BOARD ACTIONS

February 2019 - Adopted Resolution OCSD 19-01, entitled: "A Resolution of the Board of Directors of Orange County Sanitation District authorizing the General Manager or either Assistant General Managers to Execute State Office of Emergency Services and/or Federal Emergency Management Agency Documents and Relevant Permit Applications for Present and Future Disaster Relief Applications; and Repealing Resolution No. OCSD 16-08".

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- Resolution No. OC SAN 22-XX
- Designation of Applicant's Agent Resolution for Non-State Agencies (Cal OES 130)

RESOLUTION NO. OC SAN 22-XX

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE ORANGE COUNTY SANITATION DISTRICT AUTHORIZING THE GENERAL MANAGER OR EITHER ASSISTANT GENERAL MANAGER TO EXECUTE STATE OFFICE OF EMERGENCY SERVICES AND/OR FEDERAL EMERGENCY MANAGEMENT AGENCY DOCUMENTS AND RELEVANT PERMIT APPLICATIONS FOR PRESENT AND FUTURE DISASTER RELIEF APPLICATIONS; AND REPEALING RESOLUTION NO. OCSD 19-01

WHEREAS, Orange County Sanitation District is a duly organized County Sanitation District existing pursuant to the County Sanitation District Act, California Health and Safety Code section 4700, et seq., providing for the ownership, operation and maintenance of wastewater collection, treatment, and disposal facilities within Orange County, California; and

WHEREAS, on January 28, 1998, the Joint Boards of Directors of the County Sanitation Districts of Orange County (CSDOC), predecessor to the Orange County Sanitation District, adopted a State resolution entitled "Designation of Applicant's Agent Resolution for Non-State Agencies" authorizing the General Manager, the Director of Human Resources or the Manager of Safety and Emergency Response to execute and file documents to the Office of Emergency Services for the purposes of obtaining certain federal financial assistance under P.L. 93-288 as amended by the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, and/or state financial assistance under the Natural Disaster Assistance Act; and

WHEREAS, on March 23, 2011, the Board of Directors of the Orange County Sanitation District adopted Resolution OCSD 11-03, which authorized the General Manager or designee to execute State Office of Emergency Services and/or Federal Emergency Management Agency Documents and relevant permit applications for present and future disaster relief applications; and

WHEREAS, on May 25, 2016, the Board of Directors of the Orange County Sanitation District adopted Resolution OCSD 16-08, which authorized the General Manager or designee to execute State Office of Emergency Services and/or Federal Emergency Management Agency Documents and relevant permit applications for present and future disaster relief applications; and

WHEREAS, on February 27, 2019, the Board of Directors of the Orange County Sanitation District adopted Resolution OCSD 19-01, which authorized the General

Manager or either Assistant General Manager to execute State Office of Emergency Services and/or Federal Emergency Management Agency Documents and relevant permit applications for present and future disaster relief applications; and

WHEREAS, the Board of Directors has considered the recommendation of staff to authorize the General Manager, and either Assistant General Manager to sign FEMA/Cal OES applications, claims and other related documents for the purpose of obtaining certain federal assistance under P.L. 93-188 as amended by the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, and/or state financial assistance under the California Disaster Assistance Act.

NOW THEREFORE, the Board of Directors of the Orange County Sanitation District DOES HEREBY RESOLVE, DETERMINE AND ORDER:

1. The General Manager, or either one of the Assistant General Managers, are hereby designated as the agent for Orange County Sanitation District and authorized to sign FEMA/Cal OES application(s), claims and other related documents for the purpose of obtaining certain federal assistance under P.L. 93-188 as amended by the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, and/or state financial assistance under the California Disaster Assistance Act.

2. Cal OES Form 130, the Designation of Applicant's Agent Resolution for Non-State Agencies (Exhibit "A") will be executed and submitted with Resolution No. OC SAN 22-XX; and

3. Resolution No. OCSD 19-01 adopted by the Board of Directors of the Orange County Sanitation District on February 27, 2019, is hereby repealed in its entirety.

PASSED AND ADOPTED at a regular meeting of the Board of Directors of the Orange County Sanitation District held February 23, 2022.

____

John B. Withers
Board Chairman

ATTEST:

____

Kelly A. Lore, MMC
Clerk of the Board

STATE OF CALIFORNIA)
) ss
COUNTY OF ORANGE)

I, Kelly A. Lore, Clerk of the Board of Directors of the Orange County Sanitation District, do hereby certify that the foregoing Resolution No. OC SAN 22-XX was passed and adopted at a regular meeting of said Board on the 23rd day of February 2022, by the following vote, to wit:

AYES:
NOES:
ABSTENTIONS:
ABSENT:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of Orange County Sanitation District this 23rd day of February 2022.

____
Kelly A. Lore, MMC
Clerk of the Board of Directors
Orange County Sanitation District

STATE OF CALIFORNIA
GOVERNOR'S OFFICE OF EMERGENCY SERVICES
Cal OES 130

Cal OES ID No: ____________________

DESIGNATION OF APPLICANT'S AGENT RESOLUTION FOR NON-STATE AGENCIES

BE IT RESOLVED BY THE Board of Directors (Governing Body) OF THE Orange County Sanitation District (Name of Applicant)

THAT General Manager (Title of Authorized Agent), OR

Assistant General Manager - Director of Finance (Title of Authorized Agent), OR

Assistant General Manager - Engineering/O&M (Title of Authorized Agent)

is hereby authorized to execute for and on behalf of the Orange County Sanitation District (Name of Applicant), a public entity established under the laws of the State of California, this application and to file it with the California Governor's Office of Emergency Services for the purpose of obtaining certain federal financial assistance under Public Law 93-288 as amended by the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988, and/or state financial assistance under the California Disaster Assistance Act.

THAT the Orange County Sanitation District (Name of Applicant), a public entity established under the laws of the State of California, hereby authorizes its agent(s) to provide to the Governor's Office of Emergency Services for all matters pertaining to such state disaster assistance the assurances and agreements required.

Please check the appropriate box below:

[X] This is a universal resolution and is effective for all open and future disasters up to three (3) years following the date of approval below.

[ ] This is a disaster specific resolution and is effective for only disaster number(s) ____________________

Passed and approved this 23rd day of February, 2022

John B. Withers, Board Chairman
(Name and Title of Governing Body Representative)

____
(Name and Title of Governing Body Representative)

____
(Name and Title of Governing Body Representative)

CERTIFICATION

I, Kelly A. Lore, MMC (Name), duly appointed and Clerk of the Board (Title) of Orange County Sanitation District (Name of Applicant), do hereby certify that the above is a true and correct copy of a Resolution passed and approved by the Board of Directors (Governing Body) of the Orange County Sanitation District (Name of Applicant) on the 23rd day of February, 2022.

____
(Signature)

Clerk of the Board
(Title)

Cal OES Form 130 Instructions

A Designation of Applicant's Agent Resolution for Non-State Agencies is required of all Applicants to be eligible to receive funding. A new resolution must be submitted if a previously submitted Resolution is older than three (3) years from the last date of approval, is invalid or has not been submitted.

When completing the Cal OES Form 130, Applicants should fill in the blanks on page 1. The blanks are to be filled in as follows:

Resolution Section:

Governing Body: This is the group responsible for appointing and approving the Authorized Agents.
Examples include: Board of Directors, City Council, Board of Supervisors, Board of Education, etc.

Name of Applicant: The public entity established under the laws of the State of California. Examples include: School District, Office of Education, City, County or Non-profit agency that has applied for the grant, such as: City of San Diego, Sacramento County, Burbank Unified School District, Napa County Office of Education, University Southern California.

Authorized Agent: These are the individuals that are authorized by the Governing Body to engage with the Federal Emergency Management Agency and the Governor's Office of Emergency Services regarding grants applied for by the Applicant. There are two ways of completing this section:

1. Titles Only: If the Governing Body so chooses, the titles of the Authorized Agents would be entered here, not their names. This allows the document to remain valid (for 3 years) if an Authorized Agent leaves the position and is replaced by another individual in the same title. If "Titles Only" is the chosen method, this document must be accompanied by a cover letter naming the Authorized Agents by name and title. This cover letter can be completed by any authorized person within the agency and does not require the Governing Body's signature.

2. Names and Titles: If the Governing Body so chooses, the names **and** titles of the Authorized Agents would be listed. A new Cal OES Form 130 will be required if any of the Authorized Agents are replaced, leave the position listed on the document or their title changes.

Governing Body Representative: These are the names and titles of the approving Board Members.
Examples include: Chairman of the Board, Director, Superintendent, etc. The names and titles **cannot** be one of the designated Authorized Agents, and a minimum of two or more approving board members need to be listed.

Certification Section:

Name and Title: This is the individual that was in attendance and recorded the Resolution creation and approval.
Examples include: City Clerk, Secretary to the Board of Directors, County Clerk, etc. This person **cannot** be one of the designated Authorized Agents or Approving Board Member (if a person holds two positions such as City Manager and Secretary to the Board and the City Manager is to be listed as an Authorized Agent, then the same person holding the Secretary position would sign the document as Secretary to the Board (not City Manager) to eliminate "Self Certification."

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ADMINISTRATION COMMITTEE

Agenda Report

File #: 2022-2114 **Agenda Date:** 2/9/2022 **Agenda Item No:** 4.

FROM: James D. Herberg, General Manager
Originator: Lorenzo Tyner, Assistant General Manager

SUBJECT:

GENERAL MANAGER APPROVED PURCHASES AND ADDITIONS TO THE PRE-APPROVED OEM SOLE SOURCE LIST

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

A. Receive and file Orange County Sanitation District purchases made under the General Manager's authority for the period of October 1, 2021 to December 31, 2021; and

B. Approve the following additions to the pre-approved OEM Sole Source List for the period of October 1, 2021 to December 31, 2021:

- ACOEM - Vibralign Fixture Laser Alignment Training
- BEAMEX - Beamex Instrumentation Test Equipment Hardware and Software Training
- HAYWORD-GORDON - Hayward-Gordon Pumps, Mixers, and Parts
- INTERTECH - Modicon PLC Hardware, Software, and Network Training
- MIDWAY MFG. & MACHINE COMPANY - Rechargeable Carbon Canisters
- WSG & SOLUTIONS, INC. - Grit Classifier Repair Parts

BACKGROUND

Staff provides the Administration Committee and the Board of Directors quarterly reports of General Manager approved and executed purchases between $50,000 and $100,000; maintenance and repair Services Task Orders between $50,000 and $300,000; and additions to the pre-approved OEM Sole Source List.

The list of additions to the pre-approved OEM Sole Source List displays the original equipment manufacturers (OEM) added this quarter that require sole source procurement to maintain, service, or replace equipment currently in operation at Orange County Sanitation District (OC San) facilities because the parts and/or service can only be provided by the OEM or their designated representative.

RELEVANT STANDARDS

- Quarterly financial reporting
- Ensure the public's money is wisely spent

PRIOR COMMITTEE/BOARD ACTIONS

December 2016 - Minute Order 12(b) authorized the General Manager to ratify additions or deletions to the OEM Sole Source list on the General Manager's quarterly approved purchases agenda report.

ADDITIONAL INFORMATION

In accordance with Board purchasing policies, Ordinance No. OC SAN-56, the General Manager has authority to approve and execute purchases between $50,000 and $100,000. Below is a summary of General Manager approved purchases, in amounts exceeding $50,000, for the second quarter of fiscal year 2021-22:

Vendor Name	Amount	Department	Description/Discussion
ARC	$90,000.00	Administrative Services	Reprographics and Related Services 11/1/21 - 10/31/22 with 4 Optional Renewal Periods County of Orange Contract # RCA-017-21010015, in Accordance with Ordinance OC SAN-56 Section 2.03 (B) Cooperative Purchases
AVIVA ENERGY CORP.	$95,000.00	Operations & Maintenance	Blanket PO for Utility Energy Consulting Services Related to the Direct Access (DA) Program Sole Source Justification 2525 Reason: Unique Product/Service
COOPER ENERGY SVCS WHEAT RIDGE CO	$86,203.96	Administrative Services	Stock Item Purchase of Two (2) Cooper CenGen Engine Cylinder Heads Board Approved OEM Sole Source List M.O. 8/23/17, Item 9(B)
GRAYBAR ELECTRIC COMPANY WALNUT CA	$73,433.48	Administrative Services	Stock Item Purchase of Twenty-Three (23) Modicon Modules OMNIA Partners Contract # EV2370, in Accordance with Ordinance OC SAN-56 Section 2.03 (B) Cooperative Purchases
GRAYBAR ELECTRIC COMPANY WALNUT CA	$83,011.76	Engineering	Purchase of Twenty-Six (26) Ethernet 10/100 Base T100FX FactoryCast Modules OMNIA Partners Contract # EV2370, in Accordance with Ordinance OC SAN-56 Section 2.03 (B) Cooperative Purchases
JAMISON ENGINEERING CONTRACTORS INC	$97,705.36	Operations & Maintenance	Emergency Repairs to Oxygen Piping at Plant 2 Sole Source Justification 2500 Reason: Emergency
JOHNSON CONTROLS FIRE PROTECTION LP	$64,592.23	Operations & Maintenance	Refill and Reset Inergen (FM200) Fire Suppression System at Plant 1 Sole Source Justification 2503 Reason: Unique Product/Service
MAXIM SECURITY SYSTEMS	$72,460.83	Administrative Services	Furnish and Install Access Control to the Construction Management Trailers at Plant 2 Sole Source Justification 2492 Reason: Unique Product/Service
NORTHSTAR CHEMCICAL	$67,000	Operations & Maintenance	Purchase of 25% Solution Sodium Hydroxide (Caustic Soda) for Plants 1 & 2 7/1/21 - 6/30/22 with 1 Optional Renewal Period Specification No. C-2018-927
PERFORMANCE FORD	$92,561.78	Operations & Maintenance	Purchase of Two (2) New Ford F250 Crew Cab Service Body Trucks Sole Source Justification 2530 Reason: Limited Time Availability Due to Microchip Shortage

VAUGHAN'S INDUSTRIAL REPAIR CO. INC	$62,398.12	Operations & Maintenance	Rebuild of Nuttall Reduction Gear Box from Sunkist Lift Station Sole Source Justification 2523 Reason: Time Sensitive Repair
WESTERN AUDIO VISUAL	$59,346.21	Administrative Services	Purchase and Installation of Audio Visual (AV) Equipment for Board Room and Conference Room A & B Sole Source Justification 2531 Reason: Unique Product/Service
WESTERN ELECTRICAL SERVICES, INC.	$75,525.00	Operations & Maintenance	Purchase of Sixteen (16) Remote Switch Actuators for Plant 2 and Pump Stations Board Approved OEM Sole Source List M.O. 9/29/21, Item 17(B)

Additionally, in accordance with Board purchasing policies, Ordinance No. OC SAN-56, the General Manager has authority to approve and execute maintenance and repair Services Task Orders between $50,000 and $300,000. Below is a summary of General Manager approved maintenance and repair Services Task Orders, in amounts exceeding $50,000, for the second quarter of fiscal year 2021-22:

Vendor Name	Amount	Department	Description/Discussion
SHIMMICK CONSTRUCTION CO INC	$97,000.00	Operations & Maintenance	Exhaust Fan 1 Cable Replacement at the Screening Loading Building at Plant 2 Specification No. TOB-2021-1279 of Master Service Contract S-2018-942BD-1
WA. RASIC CONSTRUCTION CO., INC.	$67,325.00	Operations & Maintenance	Influent Metering Structure Trunkline Probes Relocation at Plant 2 Specification No. TOB-2021-1274 of Master Service Contract S-2018-942BD-7

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

N/A

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10844 Ellis Avenue
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File #: 2022-2115 **Agenda Date:** 2/9/2022 **Agenda Item No:** 5.

FROM: James D. Herberg, General Manager
Originator: Rob Thompson, Assistant General Manager

SUBJECT:

UNIFORM AND JANITORIAL ARTICLES RENTAL SERVICE

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

A. Approve a service contract to Cintas Corporation to provide Uniform and Janitorial Articles Rental Service, Specification No. S-2021-1277BD, for a total amount not to exceed $839,512 for the period beginning April 1, 2022, through March 31, 2025, with one (1) three-year renewal period option; and

B. Approve a three-year contingency of $83,951 (10%).

BACKGROUND

The purpose of this Service Contract is to provide unform and janitorial articles rental and laundering services for employees at Orange County Sanitation District's (OC San) Plant Nos. 1 and 2. OC San staff involved in the collection and treatment of wastewater are provided uniforms to maintain a professional appearance, to satisfy OSHA safety requirements, and to protect the employees from exposure to contaminated and unpleasant materials. Uniforms are also required in accordance with OC San's Memorandums of Understanding.

RELEVANT STANDARDS

- Commitment to safety & reducing risk in all operations
- Provide a safe and collegial workplace

PROBLEM

The current uniform and janitorial articles rental Service Contract expires on March 31, 2022.

PROPOSED SOLUTION

Approve a uniform and janitorial articles rental Service Contract to Cintas Corporation for Specification No. S-2021-1277BD.

TIMING CONCERNS

The current service agreement for the Uniform and Janitorial Articles Rental Service expires on March 31, 2022.

RAMIFICATIONS OF NOT TAKING ACTION

Not approving a new Service Contract would result in higher cost uniform rental services at Plant Nos. 1 and 2.

PRIOR COMMITTEE/BOARD ACTIONS

N/A

ADDITIONAL INFORMATION

On September 10, 2021, OC San issued a Request for Proposal (RFP) via Planet Bids. The following evaluation criterion were described in the RFP and used to determine the most qualified vendor.

CRITERION	WEIGHT
1. Qualifications & Experience of Firm	20%
2. Proposed Staffing & Project Organization	15%
3. Work Plan	25%
4. Presentation/Interview	10%
5. Cost	30%

The RFP closed on October 13, 2021. OC San received responses from two vendors. One vendor withdrew their proposal the following day. The RFP evaluation team consisted of the Purchasing Supervisor, a Maintenance Superintendent, and the Safety and Health Supervisor. This RFP used the individual scoring method. The evaluation team first reviewed and scored the proposals based upon the first three criterion listed above.

Rank	Proposer	Criterion 1 (Max 20%)	Criterion 2 (Max 15%)	Criterion 3 (Max 25%)	Subtotal Score (Max 60%)
1	Cintas Corporation	20%	14%	20%	54%

The proposal was accompanied by a sealed cost proposal. No interviews were conducted.

Proposer	ORIGINAL COST	BAFO
Cintas Corporation	$845,103	$839,512

The BAFO proposed by Cintas Corporation results in a 14% savings, when comparing like items and services to OC San current costs. Based on these results, staff recommends that the Board approve the Uniform and Janitorial Articles Rental Service Contract with Cintas Corporation. The term of this Service Contract will begin April 1, 2022, through March 31, 2025, with one (1) three-year renewal period option.

CEQA

N/A

FINANCIAL CONSIDERATIONS

This request complies with authority levels of OC San's Purchasing Ordinance. This recommendation will be funded under the Repair and Maintenance line item for the Operations and Maintenance Department (Budget Update Fiscal Year 2019-20, Page 47). The available funding is sufficient for this action.

Date of Approval	Contract Amount	Contingency
02/23/2022	$839,512	$83,951 (10%)

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- Draft Service Contract

SERVICE CONTRACT
Uniform and Janitorial Articles Rental Service
Specification No. S-2021-1277BD

THIS CONTRACT is made and entered into as of the date fully executed below, by and between Orange County Sanitation District, with a principal place of business at 10844 Ellis Avenue, Fountain Valley, CA 92708 (hereinafter referred to as "OC San") and **[________________]** with a principal place of business at **[__________________]** (hereinafter referred to as "Vendor") collectively referred to as the "Parties".

W I T N E S S E T H

WHEREAS, OC San desires to temporarily retain the services of Vendor for **Uniform and Janitorial Articles Rental Service** "Services" as described in Exhibit "A"; and

WHEREAS, OC San has chosen Vendor to conduct Services in accordance with Ordinance No. OC SAN-56; and

WHEREAS, on ___________________, the **Board of Directors** of OC San, by minute order, authorized execution of this Contract between OC San and Vendor; and

WHEREAS, Vendor is qualified by virtue of experience, training, and expertise to accomplish such Services,

NOW, THEREFORE, in consideration of the mutual promises and mutual benefits exchanged between the Parties, the Parties mutually agree as follows:

1. Introduction

1.1 This Contract and all exhibits hereto (called the "Contract") is made by OC San and the Vendor. The terms and conditions herein exclusively govern the purchase of Services as described in Exhibit "A".

1.2 Exhibits to this Contract are incorporated by reference and made a part of this Contract as though fully set forth at length herein.

Exhibit "A" Scope of Work
Exhibit "B" Proposal and Cost Proposal
Exhibit "C" Determined Insurance Requirement Form
Exhibit "D" Contractor Safety Standards
Exhibit "E" Human Resources Policies
Exhibit "F" Not Used

1.3 In the event of any conflict or inconsistency between the provisions of this Contract and any of the provisions of the exhibits hereto, the provisions of this Contract shall in all respects govern and control.

1.4 The provisions of this Contract may be amended or waived only by a writing executed by authorized representatives of both Parties hereto.

1.5 The various headings in this Contract are inserted for convenience only and shall not affect the meaning or interpretation of this Contract or any paragraph or provision hereof.

1.6 The term “days”, when used in the Contract, shall mean calendar days, unless otherwise noted as business days.

1.7 OC San holidays (non-working days) are as follows: New Year’s Day, Lincoln’s Birthday, Presidents’ Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, Day after Thanksgiving, Christmas Eve, and Christmas Day.

1.8 The term “hours”, when used in this Contract, shall be as defined in Exhibit “A”.

1.9 Vendor shall provide OC San with all required premiums and/or overtime work at no charge beyond the price provided under “Compensation” below.

1.10 Except as expressly provided otherwise, OC San accepts no liability for any expenses, losses, or action incurred or undertaken by Vendor as a result of work performed in anticipation of purchases of said services by OC San.

2. Compensation Compensation to be paid by OC San to Vendor for the Services provided under this Contract shall be a total amount not exceed **[_________________]** Dollars ($**[__________]**).

3. California Department of Industrial Relations (DIR) Registration and Record of Wages

3.1 To the extent Vendor’s employees and/or its subcontractors who will perform Work under this Contract for which Prevailing Wage Determinations have been issued by the DIR and as more specifically defined under Labor Code Section 1720 et seq, Vendor and its subcontractors shall comply with the registration requirements of Labor Code Section 1725.5. Pursuant to Labor Code Section 1771.4, the work is subject to compliance monitoring and enforcement by the DIR.

3.2 The Vendor and its subcontractors shall maintain accurate payroll records and shall comply with all the provisions of Labor Code Section 1776, and shall submit payroll records to the Labor Commissioner pursuant to Labor Code 1771.4(a)(3). Penalties for non-compliance with the requirements of Section 1776 may be deducted from progress payments per Section 1776.

3.3 Pursuant to Labor Code Section 1776, the Vendor and its subcontractors shall furnish a copy of all certified payroll records to OC San and/or general public upon request, provided the public request is made through OC San, the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement of the Department of Industrial Relations.

3.4 The Vendor and its subcontractors shall comply with the job site notices posting requirements established by the Labor Commissioner per Title 8, California Code of Regulation Section 16461(e).

4. Payments and Invoicing

4.1 OC San shall pay, net thirty (30) days, upon receipt and approval, by OC San’s Project Manager or designee, of itemized invoices submitted weekly for Services rendered in accordance with Exhibit “A”. OC San, at its sole discretion, shall be the determining party as to whether the Services have been satisfactorily completed.

4.2 Invoices shall be emailed by Vendor to OC San Accounts Payable at APStaff@OCSan.gov and "INVOICE" with the Purchase Order Number and **Specification No. S-2021-1277BD** shall be referenced in the subject line.

5. ***Audit Rights*** Vendor agrees that, during the term of this Contract and for a period of three (3) years after its termination, OC San shall have access to and the right to examine any directly pertinent books, documents, and records of Vendor relating to the invoices submitted by Vendor pursuant to this Contract.

6. ***Scope of Work*** Subject to the terms of this Contract, Vendor shall perform the Services identified in Exhibit "A". Vendor shall perform said Services in accordance with generally accepted industry and professional standards.

7. ***Modifications to Scope of Work*** Requests for modifications to the Scope of Work hereunder can be made by OC San at any time. All modifications must be made in writing and signed by both Parties.

8. ***Contract Term*** The Services provided under this Contract shall be for a period of **three (3) years** commencing on **[Month, Day, Year]** and continuing through **[Month, Day, Year]**.

9. ***Renewals***

9.1 OC San may exercise the option to renew this Contract for up to **one (1) three-year period**, under the terms and conditions contained herein. OC San shall make no obligation to renew nor give reason if it elects not to renew.

9.2 This Contract may be renewed by OC San Purchase Order.

10. ***Extensions*** The term of this Contract may be extended only by written instrument signed by both Parties.

11. ***Performance*** Time is of the essence in the performance of the provisions hereof.

12. ***Termination***

12.1 OC San reserves the right to terminate this Contract for its convenience, with or without cause, in whole or in part, at any time, by written notice from OC San of intent to terminate. Upon receipt of a termination notice, Vendor shall immediately discontinue all work under this Contract (unless the notice directs otherwise). OC San shall thereafter, within thirty (30) days, pay Vendor for work performed (cost and fee) to the date of termination. Vendor expressly waives any claim to receive anticipated profits to be earned during the uncompleted portion of this Contract. Such notice of termination shall terminate this Contract and release OC San from any further fee, cost or claim hereunder by Vendor other than for work performed to the date of termination.

12.2 OC San reserves the right to terminate this Contract immediately upon OC San's determination that Vendor is not complying with the Scope of Work requirements, if the level of service is inadequate, or any other default of this Contract.

12.3 OC San may also immediately cancel for default of this Contract in whole or in part by written notice to Vendor:

- if Vendor becomes insolvent or files a petition under the Bankruptcy Act; or
- if Vendor sells its business; or
- if Vendor breaches any of the terms of this Contract; or
- if total amount of compensation exceeds the amount authorized under this Contract.

12.4 All OC San property in the possession or control of Vendor shall be returned by Vendor to OC San upon demand, or at the termination of this Contract, whichever occurs first.

13. ***Insurance*** Vendor and all subcontractors shall purchase and maintain, throughout the life of this Contract and any periods of warranty or extensions, insurance in amounts equal to the requirements set forth in the signed Determined Insurance Requirement Form (attached hereto and incorporated herein as Exhibit "C"). Vendor shall not commence work under this Contract until all required insurance is obtained in a form acceptable to OC San, nor shall Vendor allow any subcontractor to commence service pursuant to a subcontract until all insurance required of the subcontractor has been obtained. Failure to maintain required insurance coverage shall result in termination of this Contract.

14. ***Indemnification and Hold Harmless Provision*** Vendor shall assume all responsibility for damages to property and/or injuries to persons, including accidental death, which may arise out of or be caused by Vendor's services under this Contract, or by its subcontractor(s) or by anyone directly or indirectly employed by Vendor, and whether such damage or injury shall accrue or be discovered before or after the termination of the Contract. Except as to the sole active negligence of or willful misconduct of OC San, Vendor shall indemnify, protect, defend and hold harmless OC San, its elected and appointed officials, officers, agents and employees, from and against any and all claims, liabilities, damages or expenses of any nature, including attorneys' fees: (a) for injury to or death of any person or damage to property or interference with the use of property, arising out of or in connection with Vendor's performance under the Contract, and/or (b) on account of use of any copyrighted or uncopyrighted material, composition, or process, or any patented or unpatented invention, article or appliance, furnished or used under the Contract, and/or (c) on account of any goods and services provided under this Contract. This indemnification provision shall apply to any acts or omissions, willful misconduct, or negligent misconduct, whether active or passive, on the part of Vendor of or anyone employed by or working under Vendor. To the maximum extent permitted by law, Vendor's duty to defend shall apply whether or not such claims, allegations, lawsuits, or proceedings have merit or are meritless, or which involve claims or allegations that any of the parties to be defended were actively, passively, or concurrently negligent, or which otherwise assert that the parties to be defended are responsible, in whole or in part, for any loss, damage, or injury. Vendor agrees to provide this defense immediately upon written notice from OC San, and with well qualified, adequately insured, and experienced legal counsel acceptable to OC San.

15. ***Contractor Safety Standards and Human Resources Policies*** OC San requires Vendor and its subcontractor(s) to follow and ensure their employees follow all Federal, State, and local regulations as well as Contractor Safety Standards while working at OC San locations. If during the course of the Contract it is discovered that Contractor Safety Standards do not comply with Federal, State, or local regulations, then the Vendor is required to follow the most stringent regulatory requirement at no additional cost to OC San. Vendor and all of its employees and subcontractors, shall adhere to all applicable Contractor Safety Standards attached hereto in Exhibit "D" and the Human Resources Policies in Exhibit "E".

16. ***Warranties*** In addition to the warranties stated in Exhibit "A", the following shall apply:

16.1 Manufacturer's standard warranty shall apply. All manufacturer warranties shall commence on the date of acceptance by the OC San Project Manager or designee of the work as complete.

16.2 Vendor's Warranty (Guarantee): If within a one (1) year period of completion of all work as specified in Exhibit "A", OC San informs Vendor that any portion of the Services provided fails to meet the standards required under this Contract, Vendor shall, within the time agreed to by OC San and Vendor, take all such actions as are necessary to correct or complete the noted deficiency(ies) at Vendor's sole expense.

17. ***Force Majeure*** Neither party shall be liable for delays caused by accident, flood, acts of God, fire, labor trouble, war, acts of government or any other cause beyond its control, but said party shall use reasonable efforts to minimize the extent of the delay. Work affected by a Force Majeure condition may be rescheduled by mutual consent or may be eliminated from the Contract.

18. ***Freight (F.O.B. Destination)*** Vendor assumes full responsibility for all transportation, transportation scheduling, packing, handling, insurance, and other services associated with delivery of all products deemed necessary under this Contract.

19. ***Familiarity with Work*** By executing this Contract, Vendor warrants that: 1) it has investigated the work to be performed; and 2) it understands the facilities, difficulties and restrictions of the work under this Contract. Should Vendor discover any latent or unknown conditions materially differing from those inherent in the work or as represented by OC San, it shall immediately inform OC San of this and shall not proceed, except at Vendor's risk, until written instructions are received from OC San.

20. ***Regulatory Requirements*** Vendor shall perform all work under this Contract in strict conformance with applicable Federal, State, and local regulatory requirements including, but not limited to, 40 CFR 122, 123, 124, 257, 258, 260, 261, and 503, Title 22, 23, and California Water Codes Division 2.

21. ***Environmental Compliance*** Vendor shall, at its own cost and expense, comply with all Federal, State, and local environmental laws, regulations, and policies which apply to the Vendor, its subcontractors, and the Services, including, but not limited to, all applicable Federal, State, and local air pollution control laws and regulations.

22. ***Licenses, Permits, Ordinances and Regulations*** Vendor represents and warrants to OC San that it has obtained all licenses, permits, qualifications, and approvals of whatever nature that are legally required to engage in this work. Any and all fees required by Federal, State, County, City and/or municipal laws, codes and/or tariffs that pertain to the work performed under the terms of this Contract will be paid by Vendor.

23. ***Applicable Laws and Regulations*** Vendor shall comply with all applicable Federal, State, and local laws, rules, and regulations. Vendor also agrees to indemnify and hold harmless from any and all damages and liabilities assessed against OC San as a result of Vendor's noncompliance therewith. Any permission required by law to be included herein shall be deemed included as a part of this Contract whether or not specifically referenced.

24. ***Vendor's Employees Compensation***

24.1 Davis-Bacon Act – Vendor will pay and will require all subcontractors to pay all employees on said project a salary or wage at least equal to the prevailing rate of per diem wages as determined by the Secretary of Labor in accordance with the Davis-Bacon Act for each craft or type of worker needed to perform the Contract. The provisions of the Davis-Bacon Act shall apply only if the Contract is in excess of two thousand dollars ($2,000.00) and when twenty-five percent (25%) or more of the Contract is funded by Federal assistance. If the aforesaid conditions are met, a copy of the provisions of the Davis-Bacon Act to be complied with are incorporated herein as a part of this Contract and referred to by reference.

24.2 General Prevailing Rate – OC San has been advised by the State of California Director of Industrial Relations of its determination of the general prevailing rate of per diem wages and the general prevailing rate for legal holiday and overtime work in the locality in which the work is to be performed for each craft or type of work needed to execute this Contract, and copies of same are on file in the Engineering Department. The Vendor agrees that not less than said prevailing rates shall be paid to workers employed on this Contract as required by Labor Code Section 1774 of the State of California. Per California Labor Code 1773.2, OC San will have on file copies of the prevailing rate of per diem wages at its principal office and at each project site, which shall be made available to any interested party upon request.

24.3 Forfeiture For Violation – Vendor shall, as a penalty to OC San, forfeit fifty dollars ($50.00) for each calendar day or portion thereof for each worker paid (either by the Vendor or any subcontractor under it) less than the prevailing rate of per diem wages as set by the Director of Industrial Relations, in accordance with Sections 1770-1780 of the California Labor Code for the work provided for in this Contract, all in accordance with Section 1775 of the Labor Code of the State of California.

24.4 Apprentices – Sections 1777.5, 1777.6, 1777.7 of the Labor Code of the State of California, regarding the employment of apprentices are applicable to this Contract and the Vendor shall comply therewith if the prime contract involves thirty thousand dollars ($30,000.00) or more or twenty (20) working days or more; or if contracts of specialty contractors not bidding for work through the general or prime Contractor are two thousand dollars ($2,000.00) or more or five (5) working days or more.

24.5 Workday – In the performance of this Contract, not more than eight (8) hours shall constitute a day's work, and the Vendor shall not require more than eight (8) hours of labor in a day from any person employed by it hereunder. Vendor shall conform to Article 3, Chapter 1, Part 7 (Section 1810 et seq.) of the Labor Code of the State of California and shall forfeit to OC San as a penalty, the sum of twenty-five dollars ($25.00) for each worker employed in the execution of this Contract by Vendor or any subcontractor for each calendar day during which any worker is required or permitted to labor more than eight (8) hours in any one (1) calendar day and forty (40) hours in any one (1) week in violation of said Article. Vendor shall keep an accurate record showing the name and actual hours worked each calendar day and each calendar week by each worker employed by Vendor in connection with the project.

24.6 Record of Wages; Inspection – Vendor agrees to maintain accurate payroll records showing the name, address, social security number, work classification, straight-time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker or other employee employed by it in connection with the project and agrees to require that each of its subcontractors do the same. All payroll records shall be certified as accurate by the applicable Vendor or subcontractor or its agent having authority over such matters. Vendor further agrees that its payroll records and those of its subcontractors shall be available to the employee or employee's representative, the Division of Labor Standards Enforcement, and the Division of Apprenticeship Standards and shall comply with all of the provisions of Labor Code Section 1776, in general. Penalties for non-compliance with the requirements of Section 1776 may be deducted from project payments per the requirements of Section 1776.

25. South Coast Air Quality Management District's (SCAQMD) Requirements It is Vendor's responsibility that all equipment furnished and installed be in accordance with the latest rules and regulations of the South Coast Air Quality Management District (SCAQMD). All Contract work practices, which may have associated emissions such as sandblasting, open field spray painting or demolition of asbestos containing components or structures, shall comply with the appropriate rules and regulations of the SCAQMD.

26. ***Governing Law*** This Contract shall be governed by and interpreted under the laws of the State of California and the Parties submit to jurisdiction in the County of Orange, in the event any action is brought in connection with this Contract or the performance thereof.

27. ***Breach*** The waiver of either party of any breach or violation of, or default under, any provision of this Contract, shall not be deemed a continuing waiver by such party of any other provision or of any subsequent breach or violation of this Contract or default thereunder. Any breach by Vendor to which OC San does not object shall not operate as a waiver of OC San's rights to seek remedies available to it for any subsequent breach.

28. ***Remedies*** In addition to other remedies available in law or equity, if the Vendor fails to make delivery of the goods or Services or repudiates its obligations under this Contract, or if OC San rejects the goods or Services or revokes acceptance of the goods or Services, OC San may (1) cancel the Contract; (2) recover whatever amount of the purchase price OC San has paid, and/or (3) "cover" by purchasing, or contracting to purchase, substitute goods or Services for those due from Vendor. In the event OC San elects to "cover" as described in (3), OC San shall be entitled to recover from Vendor as damages the difference between the cost of the substitute goods or Services and the Contract price, together with any incidental or consequential damages.

29. ***Dispute Resolution***

29.1 In the event of a dispute as to the construction or interpretation of this Contract, or any rights or obligations hereunder, the Parties shall first attempt, in good faith, to resolve the dispute by mediation. The Parties shall mutually select a mediator to facilitate the resolution of the dispute. If the Parties are unable to agree on a mediator, the mediation shall be conducted in accordance with the Commercial Mediation Rules of the American Arbitration Agreement, through the alternate dispute resolution procedures of Judicial Arbitration through Mediation Services of Orange County ("JAMS"), or any similar organization or entity conducting an alternate dispute resolution process.

29.2 In the event the Parties are unable to timely resolve the dispute through mediation, the issues in dispute shall be submitted to arbitration pursuant to California Code of Civil Procedure, Part 3, Title 9, Sections 1280 et seq. For such purpose, an agreed arbitrator shall be selected, or in the absence of agreement, each party shall select an arbitrator, and those two (2) arbitrators shall select a third. Discovery may be conducted in connection with the arbitration proceeding pursuant to California Code of Civil Procedure Section 1283.05. The arbitrator, or three (3) arbitrators acting as a board, shall take such evidence and make such investigation as deemed appropriate and shall render a written decision on the matter in question. The arbitrator shall decide each and every dispute in accordance with the laws of the State of California. The arbitrator's decision and award shall be subject to review for errors of fact or law in the Superior Court for the County of Orange, with a right of appeal from any judgment issued therein.

30. ***Attorney's Fees*** If any action at law or inequity or if any proceeding in the form of an Alternative Dispute Resolution (ADR) is necessary to enforce or interpret the terms of this Contract, the prevailing party shall be entitled to reasonable attorney's fees, costs and necessary disbursements in addition to any other relief to which he may be entitled.

31. ***Survival*** The provisions of this Contract dealing with Payment, Warranty, Indemnity, and Forum for Enforcement, shall survive termination or expiration of this Contract.

32. ***Severability*** If any section, subsection, or provision of this Contract, or any agreement or instrument contemplated hereby, or the application of such section, subsection, or provision is held invalid, the remainder of this Contract or instrument in the application of such section, subsection or provision to persons or circumstances other than those to which it is held invalid, shall not be affected thereby, unless the effect of such invalidity shall be to substantially frustrate the expectations of the Parties.

33. ***Damage to OC San's Property*** Any of OC San's property damaged by Vendor, any subcontractors or by the personnel of either will be subject to repair or replacement by Vendor at no cost to OC San.

34. ***Disclosure*** Vendor agrees not to disclose, to any third party, data or information generated from this project without the prior written consent from OC San.

35. ***Independent Contractor*** The legal relationship between the parties hereto is that of an independent contractor, and nothing herein shall be deemed to make Vendor an OC San employee. During the performance of this Contract, Vendor and its officers, employees, and agents shall act in an independent capacity and shall not act as OC San's officers, employees, or agents. Vendor and its officers, employees, and agents shall obtain no rights to any benefits which accrue to OC San's employees.

36. ***Limitations upon Subcontracting and Assignment*** Vendor shall not delegate any duties nor assign any rights under this Contract without the prior written consent of OC San. Any such attempted delegation or assignment shall be void.

37. ***Third Party Rights*** Nothing in this Contract shall be construed to give any rights or benefits to anyone other than OC San and Vendor.

38. ***Non-Liability of OC San Officers and Employees*** No officer or employee of OC San shall be personally liable to Vendor, or any successor-in-interest, in the event of any default or breach by OC San or for any amount which may become due to Vendor or to its successor, or for breach of any obligation for the terms of this Contract.

39. ***Read and Understood*** By signing this Contract, Vendor represents that he has read and understood the terms and conditions of the Contract.

40. ***Authority to Execute*** The persons executing this Contract on behalf of the Parties warrant that they are duly authorized to execute this Contract and that by executing this Contract, the Parties are formally bound.

41. ***Entire Agreement*** This Contract constitutes the entire agreement of the Parties and supersedes all prior written or oral and all contemporaneous oral agreements, understandings, and negotiations between the Parties with respect to the subject matter hereof.

42. ***Notices*** All notices under this Contract must be in writing. Written notice shall be delivered by personal service or sent by registered or certified mail, postage prepaid, return receipt requested, or by any other overnight delivery service which delivers to the noticed destination and provides proof of delivery to the sender. Rejection or other refusal to accept or the inability to deliver because of changed address for which no notice was given as provided hereunder shall be deemed to be receipt of the notice, demand or request sent. All notices shall be effective when first received at the following addresses:

OC San: **[Buyer Name]**
[Buyer Title]
Orange County Sanitation District
10844 Ellis Avenue
Fountain Valley, CA 92708

Vendor: **[Contact Name]**
[Contact Title]
[Company Name]
[Street Address]
[City, State, Zip Code]

Each party shall provide the other party written notice of any change in address as soon as practicable.

IN WITNESS WHEREOF, intending to be legally bound, the Parties hereto have caused this Contract to be signed by the duly authorized representatives.

ORANGE COUNTY SANITATION DISTRICT

Dated: __________________ By: _____________________________________
Chair, Board of Directors

Dated: __________________ By: _____________________________________
Clerk of the Board

Dated: __________________ By: _____________________________________
Purchasing and Contracts Manager

COMPANY

Dated: __________________ By: _____________________________________

____
Print Name and Title of Officer

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

File #: 2022-2120 **Agenda Date:** 2/9/2022 **Agenda Item No:** 6.

FROM: James D. Herberg, General Manager
Originator: Celia Chandler, Director of Human Resources

SUBJECT:

AMENDMENT TO OCSD PERSONNEL POLICIES AND PROCEDURES

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

Adopt Resolution No. OC SAN 22-XX entitled: "A Resolution of the Board of Directors of the Orange County Sanitation District amending the Board of Directors Personnel Policies and Procedures Manual providing for classification, compensation, and other terms, conditions, policies, and procedures governing employment of District employees to include the addition of Policy No. 6.6, Diversity, Equity, and Inclusion; and Amending Resolution No. OCSD 18-18".

BACKGROUND

The Orange County Sanitation District's (OC San) Board of Directors Personnel Policies and Procedures Manual (Policies) contains the terms, conditions, rules, and regulations of employment which are consolidated into one reference document. The Policies are reviewed periodically and updated as required; and the last comprehensive update to the Policies was completed in 2018.

Staff is proposing the addition of Policy No. 6.6, Diversity, Equity, and Inclusion, a new policy to establish and clarify OC San's commitment to being an inclusive organization. Recently, OC San updated its Core Values, which now include "Integrity, Inclusion, Honesty, and Respect." With the addition of this policy, we want employees to understand what the expectations are related to the new Core Value, as well as the existing laws and policies that are relative to the new Diversity policy.

OC San offers Diversity training on a biennial basis and has done so for several years. The training will be updated for this year, incorporating the new Core Values into the curriculum, in addition to the content of the new Diversity policy.

In accordance with Resolution No. OCSD 18-18, revisions to the Policies require Board approval.

RELEVANT STANDARDS

- Cultivate a highly qualified, well-trained, and diverse workforce

PROBLEM

Staff has drafted a new Policy on Diversity, Equity, and Inclusion, which requires Board approval for adoption and implementation. Diversity training is scheduled for the first quarter of the calendar year for all OC San employees, and will cover elements of the new policy, including the purpose, requirements, and expected conduct.

PROPOSED SOLUTION

Staff recommends that the Board of Directors approve and adopt the policy update by Resolution. The proposed new policy is attached.

TIMING CONCERNS

The proposed policy aligns OC San's Core Values that were adopted by the Board of Directors within the Strategic Plan on November 17, 2021.

RAMIFICATIONS OF NOT TAKING ACTION

The new policy is necessary to set the expectation for employees and to align with the new Core Values and, without approval, could not be implemented.

PRIOR COMMITTEE/BOARD ACTIONS

March 2020 - Adopted Resolution No. OCSD 20-01 entitled, "A Resolution of the Board of Directors to the Orange County Sanitation District granting emergency power to the General Manager in the event the public health and safety is endangered due to a disruption of sewerage service; and repealing Resolution No. 75-160".

September 2018 - Adopted Resolution No. OCSD 18-18 entitled, "A Resolution of the Board of Directors of Orange County Sanitation District approving a Board of Directors Personnel Policies and Procedures Manual providing for classification, compensation, and other terms, conditions, policies, and procedures governing employment of District employees; and repealing Resolution No. OCSD 15-18".

ADDITIONAL INFORMATION

The Policies, as adopted by a Resolution of the Board of Directors, supersede any and all prior Board Resolutions and actions that are inconsistent with these Policies, unless otherwise specified herein.

The Policies do not constitute a contract of employment. To the extent the Policies are inconsistent with any term or provision of an individual employment agreement or Memorandum of Understanding (MOU), the term or provision of the employment agreement or MOU shall govern.

The Policies intend to increase the mutual understanding of expectations and minimize the making of personal decisions on matters of District-wide policy.

CEQA

N/A

FINANCIAL CONSIDERATIONS

N/A

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- Proposed Resolution No. OC SAN 22-XX
- Exhibit “A” to Resolution No. OC SAN 22-XX, Policy No. 6.6
- Resolution No. OCSD 18-18 (link provided on agenda)

RESOLUTION NO. OC SAN 22-XX

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE ORANGE COUNTY SANITATION DISTRICT AMENDING THE BOARD OF DIRECTORS PERSONNEL POLICIES AND PROCEDURES MANUAL PROVIDING FOR CLASSIFICATION, COMPENSATION, AND OTHER TERMS, CONDITIONS, POLICIES, AND PROCEDURES GOVERNING EMPLOYMENT OF DISTRICT EMPLOYEES TO INCLUDE THE ADDITION OF POLICY NO. 6.6, DIVERSITY, EQUITY, AND INCLUSION; AND AMENDING RESOLUTION NO. OCSD 18-18

NOW, THEREFORE, the Board of Directors of Orange County Sanitation District, DOES HEREBY RESOLVE, DETERMINE, AND ORDER:

Section 1: The Board of Directors Personnel Policies and Procedures Manual, attached hereto as Exhibit “A”, be amended to include the addition of Policy No. 6.6, Diversity, Equity, and Inclusion.

Section 2: Any change in the Policies and Procedures set forth in the Board of Directors Personnel Policies and Procedures Manual must be approved by the Board of Directors prior to implementation.

Section 3: This Resolution shall take effect immediately upon its adoption.

PASSED AND ADOPTED at a regular meeting of the Board of Directors held February 23, 2022.

____
John B. Withers
Board Chairman

ATTEST:

____
Kelly A. Lore, MMC
Clerk of the Board

STATE OF CALIFORNIA)
)
COUNTY OF ORANGE)

I, Kelly A. Lore, Clerk of the Board of Directors of the Orange County Sanitation District, do hereby certify that the foregoing Resolution No. OC SAN 22-XX was passed and adopted at a regular meeting of said Board on the 23rd day of February 2022, by the following vote, to wit:

AYES:
NOES:
ABSTENTIONS:
ABSENT:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of Orange County Sanitation District this 23rd day of February 2022.

Kelly A. Lore, MMC
Clerk of the Board of Directors
Orange County Sanitation District

OC SAN ORANGE COUNTY SANITATION DISTRICT **Orange County Sanitation District Personnel Policies**	**Policy Number: 6.6**
	Effective Date: TBD
Subject: Diversity, Equity, and Inclusion	**Supersedes: N/A**
	Approved by: General Manager

1.0 PURPOSE

1.1 To ensure OC San maintains a diverse, equitable, and inclusive workplace through objective and consistent standards, rules, programs, procedures, and practices. This policy covers all aspects of employment including, but not limited to, recruitment, hiring, job assignment, promotion, employee benefits, conditions of employment, compensation, transfer, discipline, training, work environment, and termination of employment.

2.0 ORGANIZATIONAL UNITS AFFECTED

2.1 This policy applies to all OC San employees, job applicants, and all persons who perform services for OC San, including interns, volunteers, and persons working under contract.

3.0 DEFINITIONS

3.1 Discrimination is the unfavorable or unfair treatment of a person in the work environment, based on a legally protected class (as described above).

3.2 Diversity is the collective differences and similarities that include individual characteristics, values, beliefs, experiences, backgrounds, preferences, and behaviors that comprise the OC San workforce.

3.3 Equity refers to a state where rules, programs, procedures, and practices are applied uniformly regardless of race, color, religion, sex (including pregnancy, childbirth, and breastfeeding), sexual orientation, age, national origin, ancestry, actual or perceived disability, medical condition, genetic information, military and veteran status, marital status, gender, gender identity, gender expression, exercise of rights relating to any legally-provided leave of absence, or any other legally protected basis.

3.4 Harassment is defined as: (1) conditioning the granting or denial of employment benefits on the acceptance of unwanted verbal or physical conduct, or (2) creation of a hostile work environment through verbal, physical or visual conduct based on a legally protected class that is severe and/or pervasive and interferes with an employee's ability to do his or her job.

3.5 Inclusion is involving people from a range of different social and ethnic backgrounds, where individuals have equal access to opportunities and resources; where rules, policies, and procedures are applied uniformly; and where the OC San workforce can contribute fully to the organization's success regardless of race, color, religion, sex (including pregnancy, childbirth, and breastfeeding), sexual orientation, age, national origin, ancestry, actual or perceived disability, medical condition, genetic information, military and veteran status, marital status, gender, gender identity, gender expression, exercise of rights relating to any legally-provided leave of absence, or any other legally protected basis.

3.6 Legally Protected Class includes race, religious creed, color, national origin, ancestry, physical or mental disability, medical condition, genetic information, marital status, sex (including pregnancy, childbirth, and breastfeeding), gender, gender identity, gender expression, age (40 years or older), sexual orientation, military and veteran status, and exercise of rights relating to any legally-provided leave of absence.

3.7 Sex includes, but is not limited to, pregnancy or medical conditions related to pregnancy, childbirth or medical conditions related to childbirth, breastfeeding or medical conditions related to breastfeeding. “Sex” also includes, but is not limited to, a person’s gender.

4.0 POLICY

4.1 OC San is an Equal Opportunity Employer and maintains a diverse, equitable, and inclusive workplace through objective and consistent standards, rules, programs, procedures, practices, and established Core Values. Equal opportunity shall apply to all aspects of the employment relationship, including, but not limited to, hiring, promotions, training and development, working conditions, compensation, benefits, and discipline.

4.2 All OC San employees, contractors, interns, volunteers, and temporary workers are expected to comply with this policy and all procedures to maintain a diverse, equitable, and inclusive work environment.

5.0 PROCEDURE

5.1 All employees are required to interact in a professional, respectful, and courteous manner, in accordance with Core Values, and apply the standards, rules, programs, procedures, practices, in an objective and impartial manner regardless of race, color, religion, sex (including pregnancy, childbirth, and breastfeeding), sexual orientation, age, national origin, ancestry, actual or perceived disability, medical condition, genetic information, military and veteran status, marital status, gender, gender identity, gender expression, exercise of rights relating to any legally-provided leave of absence, or any other legally protected basis.

5.2 Managers and supervisors are required to monitor the workplace, recognize conduct potentially in violation of this policy, report any such observations, and take appropriate action to address unacceptable behavior.

5.3 Managers and supervisors who receive reports of policy violations from other employees must take all such complaints seriously and provide timely and appropriate follow-up to include reporting the complaint to the Human Resources Department.

5.4 Employees who believe they have been subjected to conduct or have observed conduct prohibited by this policy are expected to immediately report the matter, verbally or in writing, to his or her manager or supervisor, or to the Human Resources Department..

6.0 EXCEPTIONS

6.1 Any employee who knowingly files a false and malicious report or complaint, as opposed to a complaint which, even if erroneous, is made in good faith; or anyone who fails to report an actual or perceived form of harassment or discrimination as outlined in this policy, may be subject to appropriate disciplinary action, up to and including termination.

7.0 PROVISIONS AND CONDITIONS

8.0 RELATED DOCUMENTS

8.1 U.S. and California State Constitutions

8.2 Title VII of the Civil Rights Act of 1964

8.3 California Fair Employment and Housing Act

8.4 OC San Core Values

8.5 Policy 1.1, Harassment & Discrimination

8.6 Policy 1.2, Retaliation & Whistleblowing

8.7 Policy 1.4, Recruitment & Selection

8.8 Policy 2.1, Classification & Compensation

8.9 Policy 4.1, Insurance

8.10 Policy 4.10, Employee Development

8.11 Policy 5.1, Rules of Conduct

8.12 Policy 5.2, Discipline

8.13 Policy 6.1, Appraisal of Performance

8.14 Policy 6.2, Open Communication

8.15 Policy 6.4, Problem Solving

8.16 Policy 6.5, Grievance Procedure

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

File #: 2022-2102 **Agenda Date:** 2/9/2022 **Agenda Item No:** 7.

FROM: James D. Herberg, General Manager
Originator: Lorenzo Tyner, Assistant General Manager

SUBJECT:

INTERNAL AUDIT UPDATE

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

Receive and file the Orange County Sanitation District Contracts Procurement Process Internal Audit Report dated January 4, 2022.

BACKGROUND

The Orange County Sanitation District (OC San) selected the audit firm of Eide Bailly LLP to provide audits of various OC San programs and processes as selected by the Audit Ad Hoc Committee. Most recently, the Audit Ad Hoc Committee selected the contracts procurement process for audit. The auditors were directed to focus their efforts on three specific areas: Construction Contract Compliance, Sole Source Contracts, and General Manager Approved Purchases. The auditors will provide an update of those efforts. Additionally, staff and the auditors will present potential topics for future audit selection.

ADDITIONAL INFORMATION

The Audit report covers:

Eide Bailly LLP performed an independent assessment of OC San's contracts procurement process to ensure that sole source contracts, Public Works construction projects, and General Manager approved purchases are procured in compliance with the established policies and procedures. The audit work done in the three areas is summarized below.

1) **Construction Contract Compliance**
Audit contracts related to four (more or less) construction projects to determine if they were executed successfully in several areas, including project cost and timeliness, accuracy of invoice payments, retention release, and administrative requirements such as insurance and bonding.

Validate that appropriate checks and balances exist between Engineering and Contracts staff to ensure proper payment to correct vendors for completed work.

2) Sole Source Contracts

Review OC San's purchasing policies and procedures as they relate to the procurement of sole source products and services, including a walkthrough to determine that the proper procedures were being followed as designed to ensure that sole source contracts are properly authorized and appropriate.

Selected sole source contracts and test projects for key internal controls related to the authorization of sole source contracts, including approvals for sole source request forms, minutes, and justification letters. Test that OC San has established valid justification for selecting sole source vendors in accordance with the purchasing policies and procedures in addition to reviewing sole source vendor service agreements and invoices.

3) General Manager Approved Purchases

The General Manager has the authority to approve purchases over $50,000. These purchases are reported to the Board on a quarterly basis through a report to the Administration Committee. Review purchasing process to ensure that appropriate documentation is completed, and protocols are followed.

PRIOR COMMITTEE/BOARD ACTIONS

January 2022 - Audit Ad Hoc received the report and recommended for approval to the Administration Committee/Board of Directors.

RELEVANT STANDARDS

- Conduct audits to determine if an entity's operations are being conducted in an economical and efficient manner
- Conduct audits to establish whether specific government programs are effective in meeting their stated goals and objectives
- Conduct audits to determine if an entity is following policies and procedures in conducting operations

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- Contracts Procurement Process Internal Audit Report
- Previous Audit list
- Audit Schedule

Contracts Procurement Process

Internal Audit Report

January 4, 2022

Orange County Sanitation District

Submitted By

Eide Bailly LLP

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Executive Summary

Eide Bailly LLP ("We", or "Our") performed an independent assessment of Orange County Sanitation District's ("The District") contracts procurement process to ensure that sole source contracts, Public Works construction projects, and General Manager approved contracts are procured in compliance with the established policies and procedures (P&Ps). During our review, we didn't identify any instances where contracts were handled and / or processed outside the established guidelines of the District.

Background Information

The District is a public agency that provides wastewater collection, treatment, and disposal services for approximately 2.6 million people in central and northwest Orange County. The District is governed by a Board of Directors consisting of 25 board members appointed from 20 cities, two sanitary districts, two water districts and one representative from the Orange County Board of Supervisors.

The District's procurement practices are governed by Purchasing Ordinance that establishes general guidelines. There are also numerous internal policy related documents that establish specific requirements and guidelines for each of the three types of contracts reviewed in the scope of this project including sole source contracts, Public Works (PW) construction contracts, and General Manager (GM) approved contracts.

<u>Sole Source contracts</u> are generally associated with purchases greater than $10,000 that require the following conditions to be met to justify the purchases:

- GM must determine it is the best approach, and / or
- Goods and services are unique based on various product attributes, or
- Goods and services are available only from one source/vendor.

<u>PW construction contracts</u> are generally associated with PW projects greater than $35,000. PW projects involve construction, erection, or alteration of any type of structure, building, or improvement other than sewerage maintenance or repairs.

<u>GM approved contracts</u> are typically associated with purchases of goods and services between $50,000 and $100,000 and such purchases are reported to the Board of Directors (BOD) quarterly. GM approved purchases can also utilize sole source contracts when justified.

Objective & Scope

The objective of this project was to assess whether the District has an effective system of internal controls surrounding 1) sole source contracts, 2) PW construction contracts, and 3) GM approved purchases approved for effective purchasing in compliance with the District's policies. See **Appendix A** for the list of internal controls and related control activities.

The scope of this assessment was to review and evaluate contracts processed in the period from January 1, 2020 to June 30, 2021.

Our service was provided in accordance with the American Institute of Certified Public Accountants' Statement on Standards for Consulting Services.

Methodology

We designed a set of assessment procedures that were tailored based on the nature and nuances of business processes for sole source contracts, PW construction contracts, and GM approved purchases. The specific procedures for each category of contracts are described below.

1. **General Procedures:**
   - Reviewed the District's purchasing P&Ps as they relate to the procurement of sole source products and services, PW construction contracts, and GM approved purchases.
   - Held discussions with Purchasing and Contracts Manager to gain an understanding and nuances of The District's contracts procurement process.
2. **Sole Source Contracts:**
   - Obtained a listing of sole source contracts, selected a sample of 15 sole source contracts, and reviewed them for authorization of sole source contracts, including approvals for sole source request forms, minutes, and justification letters. Verified that the District has established valid justification for selecting sole source vendors in accordance with the purchasing P&Ps in addition to reviewing sole source vendor service agreements and invoices.
   - <u>Requisition Form:</u> Inspected JDE system workflow records to evidence review and approval of sole source requisitions.
   - <u>E-Form:</u> Inspected Sole Source e-forms to verify 1) corresponding justification letter was submitted, and 2) appropriate approvals existed.
   - <u>Justification Letter:</u> Inspected Justification Letters to verify valid justification for selecting sole source vendors in accordance with the District's Purchasing Ordinance.
   - <u>Agenda Report:</u> Inspected Sole Source transactions exceeding $100k and verified that the associated Agenda Reports have been submitted to the Board.
   - <u>Purchase Order / Invoices:</u> Inspected purchase orders and invoices to verify appropriateness of supporting documentation.
   - <u>Denied Requests:</u> Reviewed list of denied sole source requisitions to verify whether denial was appropriate and understand reasons for denial.
3. **Public Works Construction Contracts:**
   - Obtained a listing of public works construction contracts and selected a sample of four contracts in various stages including 'pending' and 'completed' to perform the detailed testing described below.
   - Obtained and inspected a tracking spreadsheet showing list of contracts initial cost, final cost, delivery date, and final delivery date to determine whether contracts were executed successfully based on the monitored criteria.
   - Ensured competitive selection was performed (approved vendor, pre-bid, etc.), all required documentation was submitted, and conducted in compliance with both 1) Procurement P&Ps and 2) California Public Contracts Code section 20783.
   - Reviewed the PW construction contracts to determine that proper procedures were followed as designed to ensure contracts are appropriate, properly authorized, proper supporting documentation exists including accuracy of invoice payments, and that retention release, insurance, and bonding was obtained.
   - Reviewed the completed Budget Approval Forms to ensure appropriate checks and balances exist to ensure proper payment to correct vendors for completed work.

- Reviewed the contingency amount to ensure proper authorization and documentation including management comments and system (PM Web) evidence.
- Performed a review of change orders for appropriate support and approvals.
- Ensured that project participants for selected contracts were appropriate including engineering and project managers.
- Inspected JDE system workflow records to evidence review and approval for selected PW contracts.

4. **General Manager Approved Purchases:**
    - Obtained a listing of GM approved purchases extracted from the District's ERP system, JD Edwards and selected a sample of 15 contracts to perform the detailed testing described below.
    - Board Quarterly Report: Inspected quarterly reports submitted to the Board to verify that purchases approved by the GM were reported completely, accurately, and timely.
    - Requisition Form: Inspected JDE system workflow records to evidence review and approval of sole source requisitions.
    - Bid Process / Proposals: Inspected bid notices, request for proposals, justification letters, and other supporting documentation to verify competitive selection and appropriate protocols were followed in accordance with the guidelines in the established P&Ps.
    - Award Notice: Inspected determination of lowest bid or evaluation process, and award notice to verify contract was awarded based on evaluation factors set forth in the established policies and procedures.
    - Executed Contracts: Inspected executed contracts to verify contracts were executed successfully based on the submitted requisition and accepted scope of work.
    - Purchase Order / Invoices: Inspected purchase orders and invoices to verify appropriateness of supporting documentation.

Testing Results and Conclusion

Based on the procedures performed during this assessment, the District's contract procurement practices appear to be in compliance with the Purchasing Ordinance as well as individual contract procurement policies and procedures established. No exceptions or findings were noted requiring immediate attention for process improvement.

Appendix A – Internal Controls and Related Control Activities

We identified the following internal controls (**IC**) and/or management control activities as they relate to OC San's contracts procurement process:

IC1. GM / Assistant GM – approve and execute contracts up to $100K as well as task order bids up-to $300K for repair and maintenance contracts.

IC2. The Board of Directors approve and execute contracts equal or greater than $200K including contingencies.

IC3. PW Contracts Tracking: The Project Controls Group tracks projects including Public Works by status, Active versus Closed, in addition to Phase, PO, Contract and Engineering Team. Public Works contracts are approved by the Board and include a schedule of prices.

- Who - Project Controls Group
- What - Tracks Project Status, including cost and completion status
- When - During Contract Life Cycle
- How Often - Every Contract

IC4. PW Contracts: Procedures exist to solicit bids and/or requests for proposal through notifications, newspaper publication, bids are tabulated, and evidence of award exists.

- Who - Contracts Administrator
- What - Solicit requests for bids to ensure integrity submissions
- When - Inception of each approved project, prior to contracting with supplier
- How Often - All Contracts

IC5. PW Contracts – Vendor Pre-qualification: Procedures exist to pre-qualify vendors based upon an Evaluation Checklist, including Financial, Safety and Technical evaluations which are completed by the Evaluation Team.

- Who - Bid Evaluation Team
- What - Performs a review of Financial, Safety and Technical qualifications through evaluating supplier.
- When - Prior to awarding contract
- How Often - All Public Works Contracts

IC6. PW Contracts: Contingencies of 10% are approved by the board and evidenced through minutes.

- Who - Board
- What - Approve contingency amount
- When - Inception of each project
- How Often - All Public Works Contracts

IC7. PW Contracts: Change Orders are approved based upon adequate support and tracked for the cumulative change order amount to ensure that the contingency is not exceeded.

- Who - Project Manager/Engineer
- What - Approval and tracking change orders
- When - As change orders occur
- How Often - All Change Orders

IC8. All Contracts: Retention Release and project registration with the county are performed following project completion and appropriately evidenced.

- Who - Contracts Administrator
- What - Request retention release payment and county registration
- When - Project Completion
- How Often - All Contracts.

IC9. All Contracts: Purchase Orders exist to ensure the payments to suppliers do not exceed approved project totals.

IC10. PW Contracts: Budgets are prepared and approved for Public Works projects and documented in the associated approval forms.

IC11. PW Contracts: Progress payments are tracked in PM Web system and include a retainage withholding.

IC12. PW Contracts Administration: Risk is mitigated through obtaining a Certificate of Liability Insurance and Performance Bonds for suppliers.

IC13. All Purchases: Requisitions are submitted through JDE and are reviewed and approved by department head.

IC14. Sole Source Purchases: Sole Source requests are submitted with a justification letter which are reviewed and approved by Manager, Director, Purchasing Manager, and Director of Finance.

IC15. Sole Source Purchases: Purchases over $100k are included in the Agenda Report and are submitted and reviewed by the Board.

IC16. GM-Approved Purchases: All GM-Approved purchase over $50,000 are submitted and reviewed by the Board on a quarterly basis.

IC17. GM-Approved Purchases: Procedures exist to review and evaluate submitted bids or Requests for Proposals to determine lowest and most responsive bid/proposal.

Caring for our external and internal clients with a passion to go the extra mile.

Respecting our peers and their individual contributions.

Conducting ourselves with the highest level of integrity at all times.

Trusting and supporting one another.

Being accountable for the overall success of the Firm,
not just individual or office success.

Stretching ourselves to be innovative and creative, while managing the related risks.

Recognizing the importance of maintaining a balance between work and home life.

Promoting positive working relationships.

And, most of all, enjoying our jobs ... and having fun!

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MEMORANDUM

January 19, 2022

TO: Audit Ad Hoc Committee
Orange County Sanitation District

FROM: Kelly A. Lore
Clerk of the Board

RE: **LATE COMMUNICATION**

The Clerk of the Board received communication after the publication of the agenda regarding Item No. 1 presented to the OC San Audit Ad Hoc Committee. Corrections/additions highlighted in red:

List of past Audits presented to the Committee was revised:

2021	General Manager Approved Purchases
2021	Sole Source Contracts
2020	Information Technology Cyber Security Assessment
2018	Procurement Card Program
2017	Fictitious Employee and Fictitious Vendors Analysis and Procedures Review
2018	Capital Improvement Project Audit
2015	Procedures of Collection and Remittance of Capital Facilities Capacity Charges
2011	Debt Covenant and Compliance Controls
2011	Asset Management Program
2011	Internal Control Policies and Procedures over Employee Compensation
2011	Internal Control Policies and Procedures over Information Technology
2011	Sole Source Contracts in Operations and Maintenance
2010	Regulatory Compliance Requirements of the Technical Services Department
2010	Scheduling Process of the Capital Improvement Program
2009	Accounting Policies and Procedures
2009	Independent Accountants' Report on Chemical Purchases

AD HOC AUDIT SCHEDULE

A) Risk Assessment – At the Beginning of Each Engagement

Rotation Items

1) Review of Sole Source Contracts
2) Cyber Security (Twice)
3) Review of Risk of Fictious Vendors/Employees
4) Capital Facilities Capacity Charges – Cities Review
5) Capital Improvement Program (CIP) – Contracts, Policies, Procedures

---

Year 1

A) Risk Assessment

Conduct a comprehensive enterprise risk assessment to identify key areas of risk associated with OCSD achieving its objectives and where potential for fraud can occur.

Through the risk assessment process, we will prioritize areas of risk based on likelihood and impact to develop an internal audit plan.

B) Open – Based on Risk Assessment and Committee Input

Year 2

A) Review of Sole Source Contracts – **Rotation Item**
B) Cyber Security – **Rotation Item**
C) Open – Based on the Risk Assessment and Committee Input

Year 3

A) Review of Risk of Fictious Vendors/Employees –**Rotation item**
B) Open – Based on the Risk Assessment and Committee Input

Year 4

A) Capital Facilities Capacity Charge – Review of Cities – **Rotation Item**
B) Cyber Security – Rotation Item

Year 5

A) Capital Improvement Program (CIP) – Contracts, Policies, Procedures etc. – **Rotation**
B) Open – Based on the Risk Assessment and Committee Input

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

ADMINISTRATION COMMITTEE

Agenda Report

File #: 2022-2093 **Agenda Date:** 2/9/2022 **Agenda Item No:** 8.

FROM: James D. Herberg, General Manager
Originator: Lorenzo Tyner, Assistant General Manager

SUBJECT:

CONSIDERATION OF BUDGET ASSUMPTIONS AND BUDGET CALENDAR FOR PREPARATION OF THE FISCAL YEAR 2022-23 AND FY 2023-24 BUDGET

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

Approve the FY 2022-23 and FY 2023-24 budget assumptions and direct staff to incorporate these parameters in preparing the FY 2022-23 and FY 2023-24 budget.

BACKGROUND

For the budget process, the Administration Committee establishes the Budget Assumptions and approves the Budget Calendar. Staff will make a brief presentation at the Committee meeting.

RELEVANT STANDARDS

- Ensure the public's money is wisely spent
- Produce appropriate financial reporting

ADDITIONAL INFORMATION

Currently, there are no proposed changes to the Orange County Sanitation District (OC San) Fiscal Policy. The Fiscal Policy is published in the FY 2020-21 and 2021-22 Budget document (Section 3, Pages 1-8), and is available on OC San's website.

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- FY 2022-23 & FY 2023-24 Preliminary Budget Assumptions
- Budget Calendar 2022-24
- Presentation

FY 2022-23 Preliminary Budget Assumptions

Economic Assumptions

- Inflation for the Los Angeles-Long Beach-Anaheim Orange County has seen a percentage increase in consumer price index (CPI-U) of 6.0% from November 2020 through November 2021. The previous FY 2022-23 forecast obtained from Chapman University was for 2.5%. These numbers will be monitored throughout the budget process and adjustments made as needed.

Revenue Assumptions

- The single-family residence (SFR) rate will increase by $4 (1.2 percent) to $347 in FY 2022-23, which is less than the projected CPI.
- Note that each $1 increase in the SFR rate generates approximately $900,000 per year.
- The capital facilities capacity charge (CFCC) fee captures only those infrastructure costs that relate to additional capacity. The proposed CFCC fee approved by the Board in March 2018 will increase by 6.98 percent for FY 2022-23. Other infrastructure costs such as improved treatment, rehabilitation, refurbishment, and replacement, will be supported through user fees.
- In alignment with the Facilities Master Plan adopted in December 2017, a rate study was completed in December 2017 to ensure that the CFCC fee methodology remains equitable and to confirm that an appropriate share of system costs would be recovered from new development.
- Due to recent enacted legislation, a follow-up to the rate study completed in 2017 for the CFCC methodology was completed in 2020 for cost recovery for Accessory Dwelling Units (ADU).
- Revenues will be budgeted to reflect little growth in Equivalent Dwelling Unit (EDU) connections that have remained flat over the past five years.
- Permit user rates for flow will increase by 3.6 percent, Biochemical Oxygen Demand (BOD) will increase by 0.5 percent and Total Suspended Solids (TSS) will increase by 2.7 percent for FY 2022-23 based upon the Rate Study completed in December 2017.
- Annexation fees capture both the net current assets and the equivalent property tax allocations totaling $4,235 per acre.
- Annexable property in OC San's service area sphere is minimal; consequently, no FY 2022-23 income from annexation fees is anticipated.
- Property tax revenues are preliminarily estimated to increase by approximately three percent from $103.2M in FY 2021-22 to $106.3M in 2022-23. Revenue increased by 5.5 percent in FY 2020-21.

  A two percent annual increase in Assessed Value is authorized by the state constitution and is included in the increases noted above. The additional increase in assessed value is from authorized increases to market value when property is sold at a higher value.
- Earnings on the investment of OC San's operating cash and reserves will be budgeted at 1.0 percent of the average cash and investment balance projected for the fiscal year.

- No additional debt issuance is scheduled for FY 2022-23. However, staff will continue to review its debt program for potential savings through refunding opportunities.

Operating Assumptions

- Operating expenses are expected to approximate the adopted FY 2021-22 budget of $184 million.

- Average daily flows are projected at 185 mgd for FY 2022-23 and 185 MGD for FY 2023-24. The FY 2022-23 flow projection of 185 mgd reflects an increase of 4 mgd from the actual for the first 5 months of the current year and an increase of 2 mgd the final actual flow for FY 2020-21.

Employee/Staffing Assumptions

- Staffing level is expected to remain relatively flat. The total FY 2021-22 authorized staffing level is 639.00 FTEs, excluding Management Discretion positions.

- Vacant positions as of 12/31/2021 are budgeted at 50 percent of step 1 for the remainder of FY 2021-22 and at 100 percent of step 2 for FY 2022-23.

- New positions will be projected at 100 percent of step 1 for FY 2022-23.

- A 3.0 percent vacancy factor on authorized positions has been budgeted for FY 2021-22. The actual vacancy factor is currently running at 4.4 percent. This vacancy factor accounts for time spent for recruitment and turnover.

- The Memorandums of Understanding (MOUs) for the Orange County Employees Association (OCEA), the Local 501, and the Supervisor and Professional (SPMT) groups expire on June 30, 2022. Salary adjustments will be included in the budget for COLA based upon the current MOUs.

- Retirement costs for employees enrolled in Orange County Employees Retirement System (OCERS) Plan H (264 employees) are estimated at a rate of 13.46 percent of the employee's base salary for FY 2022-23, up from 13.22 percent in FY 2021-22. The rates for Plan H include OC San's pickup of 3.5 percent of employees' required contributions. Employees enrolled in OCERS Plan B (54 employees) are estimated at a rate of 13.25 percent of the employee's base salary for FY 2022-23, up from 11.23 percent in FY 2021-22. All employees hired on or after January 1, 2013, are enrolled in OCERS Plan U (298 employees) and are estimated at a rate of 9.86 percent for FY 2022-23, down from 9.88 percent in FY 2021-22. Interns are not enrolled in OCERS, so their retirement benefits are calculated at 6.2 percent (FICA rate).

- Other employee benefits and insurances will be budgeted to increase in FY 2022-23 by moderate but yet to be determined amounts.

Materials, Supplies, & Services Assumptions

- The proposed operating budget will continue to reflect an emphasis on safety, security, and maintenance of plant assets and infrastructure.

- An amount equal to half of one percent of the Operating materials and services budget will be a contingency for prior year re-appropriations. Since the current year's budget lapses on

June 30, a contingency is needed in the succeeding budget year for goods or services ordered at the end of one budget year but not delivered until the following year.

- An amount equal to 0.85 percent of the Operating materials and services budget will be the General Manager's contingency budget. These funds will be allocated to appropriate line items during the year after requests and justifications for unanticipated needs are approved by the General Manager.

- Resource needs for strategic initiatives will be included in the budget.

Capital Improvement Program Assumptions

- The FY 2022-23 cash flow budget, based on the most current Validated Capital Improvement Program (CIP), is the target.

- The baseline CIP cash flow for FY 2021-22 is $302 million.

- Continual evaluation of the CIP by Financial Management, Project Management Office and Planning may result in deferral or reduction of some projects and a resultant increase in Operations & Maintenance (O&M) repair costs for materials and services, if the net cash flow impact is a decrease.

- For the first five months of FY 2021-22, $41.0 million of the $224.6 million CIP budget, approximately 18.3 percent, was expended.

Debt Financing

- When required, OC San issues Certificates of Participation (COP) as needed to fund the CIP and to maintain reserves.

- COP debt will only be used for CIP and capital expenses, not for operating expenses.

- No additional new debt issuance is scheduled for FY 2022-23.

- Capital financing plans no longer include future borrowings over the next ten years as the approved user fee schedule is considered sufficient.

- Borrowing will be included only for facilities which do not add capacity and that are funded by all users for replacement, rehabilitation, and improved treatment.

- Upon COP's becoming callable or maturing, a determination will be made as to the benefit of paying off the obligation or refinancing the debt.

Reserve Assumptions

The existing reserve policy is summarized as follows:

► A cash flow criterion will be established to fund operations, maintenance, and certificates of participation expenses for the first half of the fiscal year, prior to receipt of the first installment of the property tax allocation and sewer service user fees which are collected as a separate line item on the property tax bill. The level of this criterion will be established as the sum of an amount equal to six months operations and maintenance expenses and the total of the annual debt (COP) service payments due in August each year.

- An operating contingency criterion will be established to provide for non-recurring expenditures that were not anticipated when the annual budget and sewer service fees were considered and adopted. The level of this criterion will be established at an amount equal to ten percent of the annual operating budget.

- A capital improvement criterion will be maintained to fund annual increments of the capital improvement program. The target level of this criterion has been established at one-half of the average annual capital improvement program over the next ten years.

- A catastrophic loss, or self-insurance, criterion will be maintained for property damage including fire, flood, and earthquake, for general liability and for workers' compensation. This criterion is intended to work with purchased insurance policies, FEMA disaster reimbursements and State disaster reimbursements. The potential infrastructure loss from a major earthquake, of which OC San currently has limited outside insurance coverage of $25 million, has been estimated to be as high as $1.3 billion. The level of this criterion has been set at $100 million should such a catastrophic event occur. This criterion amount will assist OC San with any short-term funding needs until Federal and State assistance becomes available.

- Accumulated capital funds will be set aside for certain specific, short-term capital improvements as the need and availability arise.

- A capital replacement/renewal criterion has been established to provide thirty percent of the funding to replace or refurbish the current collection, treatment, and disposal facilities at the end of their useful economic lives.

  Based on the Facilities Evaluation Report completed in December 2017, the current replacement value of these facilities is estimated to be $3.56 billion for the collection facilities and $7.18 billion for the treatment and disposal facilities. The initial criterion level has been established at $75 million, which will be augmented by interest earnings and a small portion of the annual sewer user fee, in order to meet projected needs through the year 2030.

- Provisions of the various certificates of participation (COP) issues require debt service reserves to be under the control of the Trustee for that issue. These reserve funds are not available for the general needs of OC San and must be maintained at specified levels. The current level of COP service reserves is projected to be $22.9 million.

- Accumulated funds exceeding the levels specified by OC San policy will be maintained for future capital improvements and rate stabilization. These funds will be applied to future years' needs in order to maintain rates or to moderate annual fluctuations. There is no established target for this criterion.

Tasks	Responsibility	Event/Due Date
Phase I – Budget Preparation		
Strategic Plan Workshop for the Board	General Manager's Office	2/17/2021
Strategic Plan Workshop for the Board	General Manager's Office	3/17/2021
Strategic Plan Workshop for the Board	General Manager's Office	4/21/2021
Preliminary Budget Assumptions Identified	Financial Planning	1/6/2022
Preliminary Budget Assumptions & Draft Budget Calendar Presented to EMT & Managers	Financial Management	1/10/2022
Preparation for Budget Kickoff / Training Session: · Develop line-item worksheets · Prepare budget instruction manual	Financial Planning	1/17/2022
Budget Kickoff / Training Session: · Distribute budget manual update · Conduct budget training session · Review submission deadlines	Financial Planning	1/25/2022
CIP - New Project Numbers Assigned	Engineering Planning	2/7/2022
Operating Divisional Budgets: All Position Decision Packages Due to Human Resources (Laura Maravilla, Ext. 7007) with copies to Financial Planning (Lina Hsiao, Ext. 7542) · New Position · Position Upgrade · Position Reclassification or Equity Adjustment	Divisional Budget Coordinators	2/7/2022
Operating Budget: Promotional Items and Conference Attendance Request Forms Due to Jennifer Cabral (Ext. 7581). Email Promotional Items Purchasing Budget Request form to: forinformation@ocsan.com. Use this form for all promotional item purchasing requests to support organizational programs.	Divisional Budget Coordinators	2/7/2022
Capital Equipment Budget: Vehicle Capital Equipment Justification Form Due to Fleet Services (Bob Bell, Ext. 7214)	Divisional Budget Coordinators	2/7/2022
Capital Equipment Budget: Computer Equipment Decision Packages Due to Information Technology (Rob Michaels, Ext. 7260)	Divisional Budget Coordinators	2/7/2022
Budget Assumptions Presented to Administration Committee	Financial Management	2/9/2022

Mid-Year Financial Report to Administration Committee	Financial Management	2/9/2022
Division Budget Packages Due to Finance: · Update 2021-22 projected costs · Proposed operating costs for 2022-23 & 2023-24 · Operating Budget Expense Detail · Meetings, Memberships & Training Requests · Capital Equipment Decision Packages (other than computer and vehicle decision packages) · New program decision packages *(Financial Planning will compile this information into packages for use during the budget review process.)*	Divisional Budget Coordinators	**2/22/2022**
CIP - Preliminary capital equipment request estimates delivered to PMO	Financial Planning	2/22/2022
CIP - Engineering Change Control Validation Complete	Engineering Project Managers	2/22/2022
Mid-Year Financial Report to Board	Financial Management	**2/23/2022**
Complete the Compilation of the Preliminary Division Budget Packages	Financial Planning	2/24/2022
CIP - Future Project Attributes Reviewed and Updated	Engineering Planning	2/28/2022
CIP - Project Budget Reviews Complete	Engineering PMO	3/1/2022
CIP - Validated CIP budgets delivered to IT/Finance	Engineering Planning	3/28/2022
Department Narratives for Budget Executive Summary Due to Financial Planning	EMT	4/11/2022

Phase II - Budget Review

Divisional Budgets - Distribution of Preliminary Line Item Requested Budget to Department Heads and Managers along with Analysis/Questions for Review	Financial Planning	3/2/2022
Operating Budget – Information on New Positions, Position Upgrades & Reclassifications Submitted to the General Manager	Human Resources	3/2/2022
CIP - Engineering /Finance Budget Review Meetings: Final Adjustments, Confirm 20-year Cash Flow, and Capital Equipment Delivered to PMO	Engineering/Financial Management	3/1-3/15/2022
Operating Budget - Division Budget Review Meetings with Finance and Division Representatives	Financial Planning & Division Representatives	**3/7 - 3/10/22**
Budget Revenue Update Presented to Administration Committee	Financial Planning	3/9/2022
Divisional Budgets - Completion of Preliminary Budget and Compilation into Departmental Budgets	Financial Planning	3/15/2022

Operating Budget – Recommendations to General Manager	Financial Planning	3/16/2022
Divisional Budgets – Performance Budget Documents Due to Financial Planning (Lina Hsiao): · Organization Charts · Performance Results (2020-21) · Performance Measures (2022-23 & 2023-24)	Divisional Budget Coordinators	3/18/2022
Final Operating Budget – General Manager Review of Budget Recommendations	Financial Planning, GM, & Department Heads	**3/21 - 3/24/22**
Capital Equipment Budget - Requests Reviewed & Approved	Financial Planning, GM, & Department Heads	**3/21 - 3/24/22**
Operating Budget – Report of General Manager's Decisions on New Positions, Position Upgrades & Reclassifications Submitted to the Financial Planning	General Manager	**3/21/2022**
CIP – Approve Proposed CIP Budget	EMT	3/28/2022
CIP – Operations Committee Review of Proposed Budget	Engineering	4/6/2022

Phase III - Budget Presentation

Operating Budget – Presentation of Preliminary Budget by Division/Department to EMT	Financial Management	4/11/2022
Operating Budget – Overview to Administration Committee	Financial Management	4/13/2022
CIP - Final CIP Budget Document Preparation and Incorporation into Final Budget Document	Financial Planning	4/18/2022
CIP - Review draft of Final Budget Document pages with Engineering Planning & PMO	Financial Planning	4/18/2022
Initial - Proposed Budget Finalized	Financial Planning	4/28/2022
Operating Budget - Overview to Operations Committee	Financial Planning	**5/4/2022**
CIP Budget Overview to Operations Committee	Engineering/Financial Management	**5/4/2022**
General Manager's Budget Message Completed	GM / Financial Planning	5/9/2022
Operating Budget - Overview to Administration Committee	Financial Planning	**5/11/2022**
CIP Budget Overview to Administration Committee	Engineering/Financial Management	**5/11/2022**
Approval of General Manager's Budget Message	General Manager	5/18/2022
Final - Proposed Budget to Printer	Financial Planning	5/25/2022

Phase IV - Budget Deliberations

Final Draft - Proposed 2022-23 & 2023-24 Budget Presented to Committees	Financial Management	**Ops- 6/1/2022** **Admin- 6/8/2022**

Public Hearing & Board Adoption	Board of Directors	**6/22/2022**

Phase V – Distribution of Budget

Final line item budget and equipment budgets posted in H:\ntglobal	Financial Planning	7/7/2022

Phase VI – Budget Debriefing

Budget Debriefing E-mail Message · Global Changes that occurred in this year's budget. · Changes since the Departments' original submittal. · Changes that occurred as a result of Board action. · Results of Budget Survey. · Overview of Budget Monitoring with Oracle JD Edwards EnterpriseOne Software and review of Budget Coordinator's Responsibility. · Overview of CIP Budget Monitoring. · Suggestions for Budget Process Improvements.	Financial Planning	7/14/2022

OC San
FY 2022-23 and FY 2023-24
Budget Assumptions

Presented by:

Wally Ritchie, Controller

Administration Committee

February 9, 2022

1

Budget Development Assumptions

Economics

- Inflation for Orange County is 6.0% (11/21).

Revenue

- The single-family residence (SFR) rate will increase by $4 (1.2 percent) to $347.

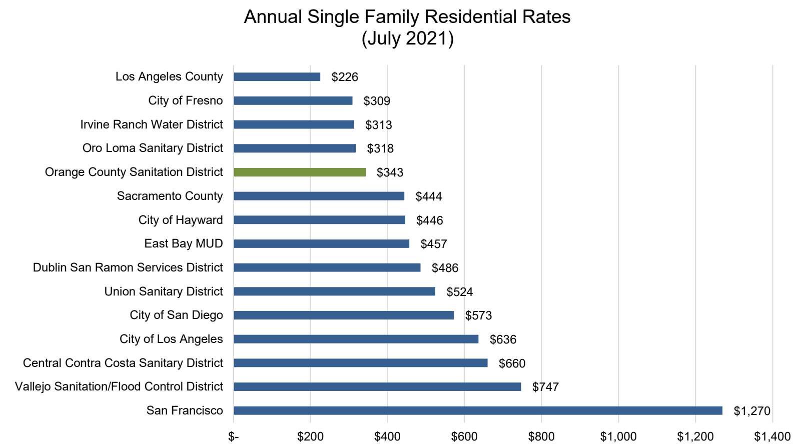
Reserves

- Current reserve policy is unchanged.

2

2

Comparison - SFR Rates



3

3

Operations

- Average daily flows are projected to be 185 mgd.
- Operating expenses are expected to approximate the adopted FY 2021-22 budget of $184 Million.

4

4

Staffing

- Staffing level ≈ flat. 639 FTE authorized.
- 3% vacancy factor.
- Salary adjustments will be based on current MOUs.
- Moderate increases in benefits.

5

Capital Improvement Program (CIP)

- Cash flow assumptions are based on the most recent validated CIP.
- Baseline CIP is $302 million for FY 2022-23.

6

Debt Financing

- No additional "new money" or refunding debt issuance is scheduled for FY 2022-23.

7

7

Budget Summary

Revenues	FY 22-23	Ten Year Cash Flow
Fees and Charges	$ 361M (73%)	$ 3,999M (72%)
Property Taxes	106M (21%)	1,183M (22%)
Interest / Other	34M (6%)	301M (6%)
Total Revenues	**$ 501M**	**$ 5,483M**

Expenditures	FY 22-23	Ten Year Cash Flow
Operating	$ 181M (30%)	$ 2,018M (35%)
CIP / RRR	302M (41%)	2,972M (50%)
Debt Service	70M (11%)	714M (12%)
Other	6M (1%)	37M (1%)
Total Outlays	**$ 559M**	**$5,741M**
Net Surplus (Deficit)	**$ (58M)**	**$ (258)M**

8

8

Budget - Key Meeting Dates

Administration Committee

- Budget Assumptions
  February
- Review of Revenues
  March
- Review of Expenditures
  April

9

9

Budget - Key Meeting Dates

- Operations Committee
  Budget Overview
  May, June
- Administration Committee
  Budget Elements Review
  May, June
- Board Meeting
  FY 22-23 & FY 23-24 Budget Approval
  June

10

10

Questions

11

11

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

ADMINISTRATION COMMITTEE

Agenda Report

File #: 2022-2101 **Agenda Date:** 2/9/2022 **Agenda Item No:** 9.

FROM: James D. Herberg, General Manager
Originator: Lorenzo Tyner, Assistant General Manager

SUBJECT:

INVESTMENT PERFORMANCE RESULTS

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

Information Item.

BACKGROUND

Chandler Asset Management (Chandler) serves as the Orange County Sanitation District's (OC San) Investment Manager. Chandler's Co-Chief Investment Officer, William Dennehy II, CFA, will be providing an informational presentation on the performance of OC San's liquidity and long-term investment portfolios over the past year.

RELEVANT STANDARDS

- Ensure that investment proposals and decisions are based on clearly defined standards
- Orange County Sanitation District Investment Policy
- Ensure the public's money is wisely spent

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- OC San Staff Presentation

OC San Reserves & Investments

Presented by:

Wally Ritchie, Controller

Administration Committee

February 9, 2022

1

Seven Reserve Criteria

1) Next Year's Dry Period (Cash Flow Reserve)
   50% of the Operating Budget
2) Next Year's Dry Period Debt Service
   100% of August Debt Service
3) Debt Service Reserve
   10% of the Outstanding COPs

**Non-Discretionary

2

2

Seven Reserve Criteria

4) Operating Contingencies
   10% of Operating Budget
5) Capital Improvement Reserve
   50% of average CIP for the next ten years
6) Operating & Capital Share of Catastrophe Funds
7) Replacement and Refurbishment
   2% of the average CIP per year

**Discretionary

Investment Objectives

First

- Provide safety of principal

Second

- Provide sufficient liquidity

Third

- Earn a commensurate rate of return consistent with the constraints imposed by the objectives

Portfolios - Long-Term and Short Term

The Orange County Sanitation District's Investment Policy is consistent with California Government Code:

- **Long-Term Benchmarks**
  - ICE BAML 1-5 Year
  - Corporate Government Rated AAA – A Index
- **Short-Term Benchmarks**
  - 3-month T-Bill rate
  - Maximum maturity of 1-year

Long-Term Portfolio – Asset Allocation

- Approximately $742 million

Category	**Percent**
US Treasury	35%
US Corporate	23%
Agency	22%
Supranational	9%
Asset Backed Sec	6%
Other	5%
Total	**100%**

Short-Term Portfolio – Asset Allocation

- Approximately $231 million

Category	**Percent**
US Treasury	86%
Negotiable CDs	5%
Money Market	4%
US Corporate	3%
Commercial Paper	2%
Total	**100%**

7

7

Questions

8

8

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

ADMINISTRATION COMMITTEE

Agenda Report

File #: 2022-2095 **Agenda Date:** 2/9/2022 **Agenda Item No:** 10.

FROM: James D. Herberg, General Manager
Originator: Lorenzo Tyner, Assistant General Manager

SUBJECT:

RISK MANAGEMENT AND INSURANCE UPDATE

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

Information Item.

BACKGROUND

Staff, Consultant, and Broker will provide a mid-year update on the status of the Risk Management and Insurance Program as the budget process is beginning and the insurance renewals are upcoming.

RELEVANT STANDARDS

- Protect OC San Assets
- Commitment to safety & reducing risk in all operations

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- Property & Casualty Insurance Status Report with Market Update
- Presentation

ORANGE COUNTY SANITATION DISTRICT

Property & Casualty Insurance Status Update

Prepared by:

John Preston, OC San Consultant

Dennis Mulqueeney, Alliant Insurance Services

February 9, 2022

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Section I – Claim Data

The following section discusses current and historical claims applicable to the District's Property and Casualty Insurance program in the following three areas:

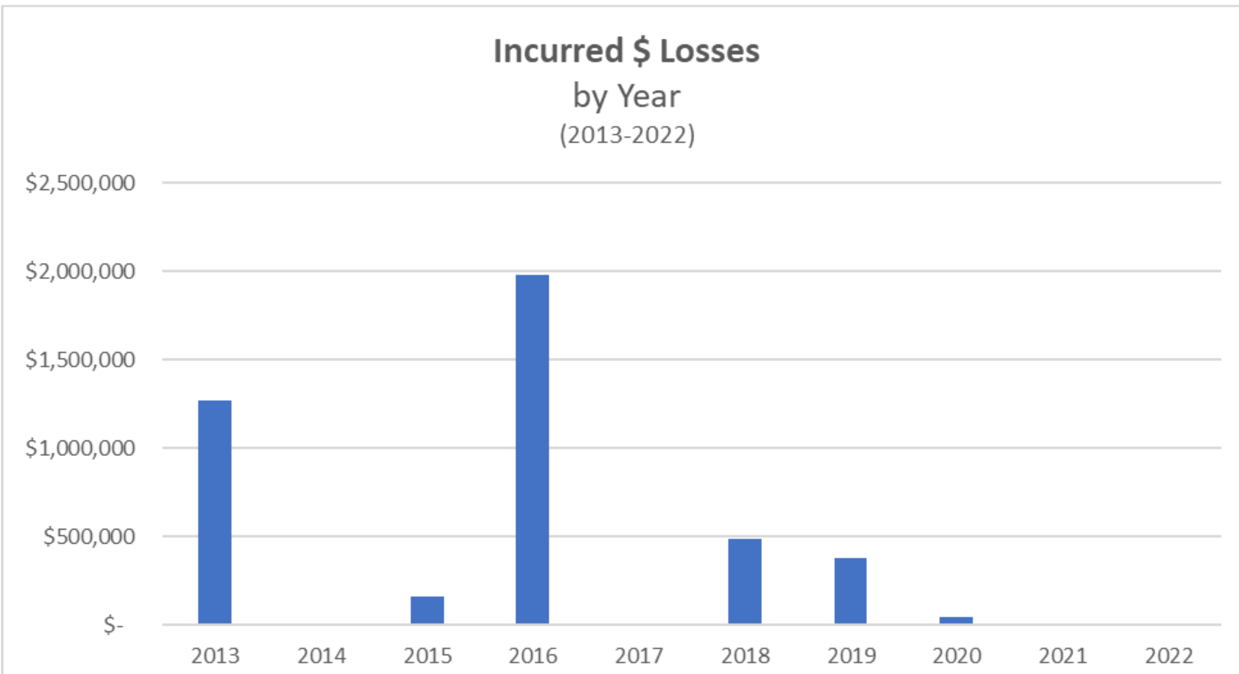
A. General and Auto Liability, including Employment Practices

B. Property, Including Boiler and Machinery, Earthquake and Flood

C. Workers Compensation (On the job Injury to employees)

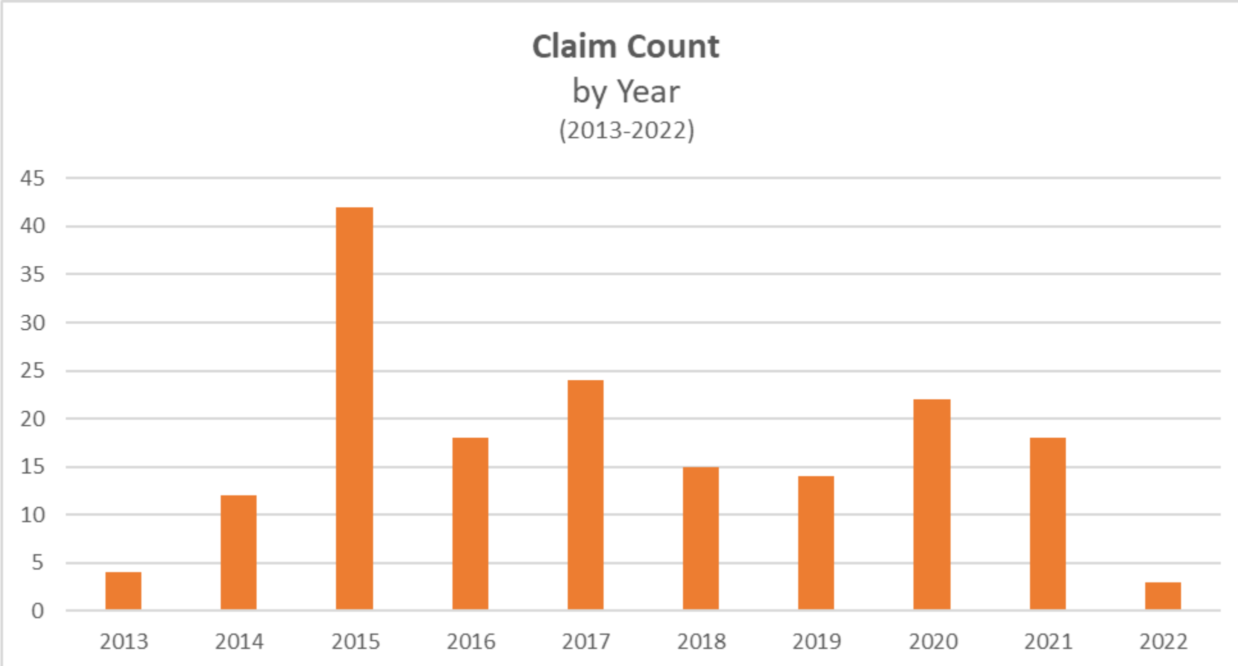
A. General and Auto Liability (Third Party Liability)

The following chart depicts the amount of money paid and claim reserves for GL/Auto claims against OC San from 2013 through 12/2021



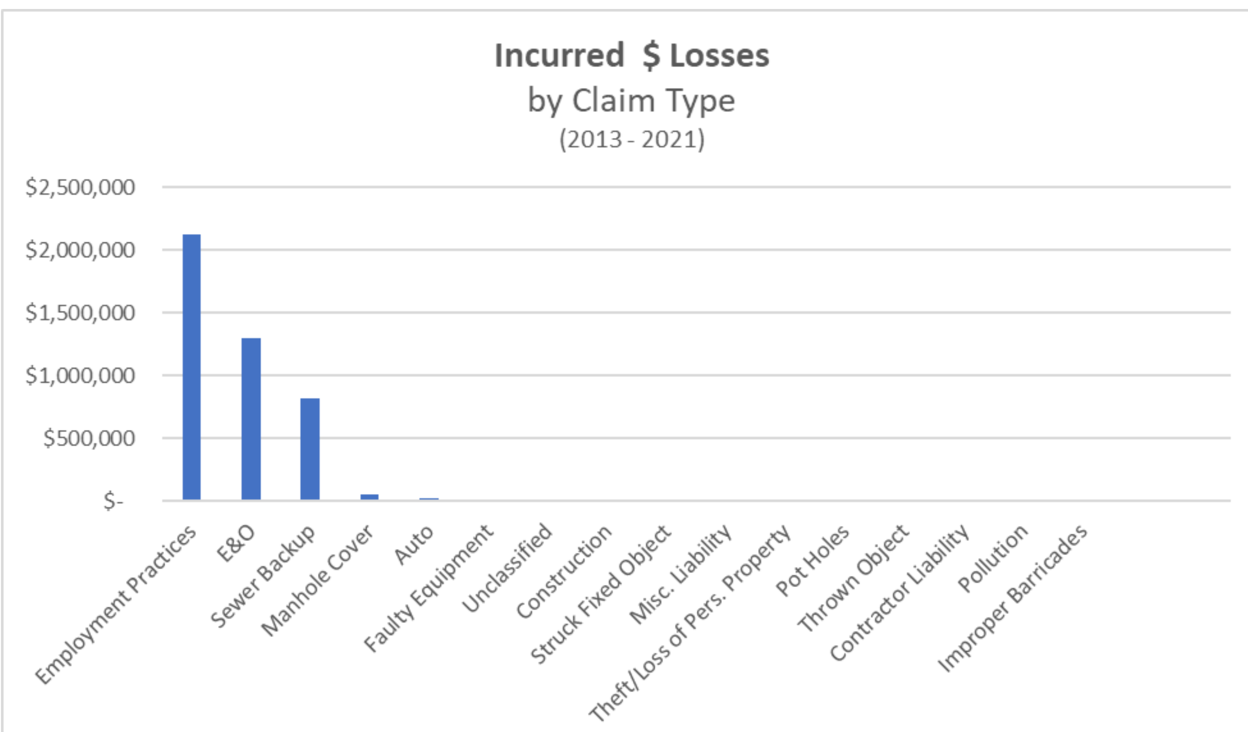
(notes: 2013 one large employment practices claim accounted for nearly all $ losses for that year; 2016 two large claims, 1-E&O Klean Waters and 1-sewer backup accounted for nearly all $ losses for that year)

The following chart depicts the number of GL/Auto claims against OC San from 2013 through 12/2021

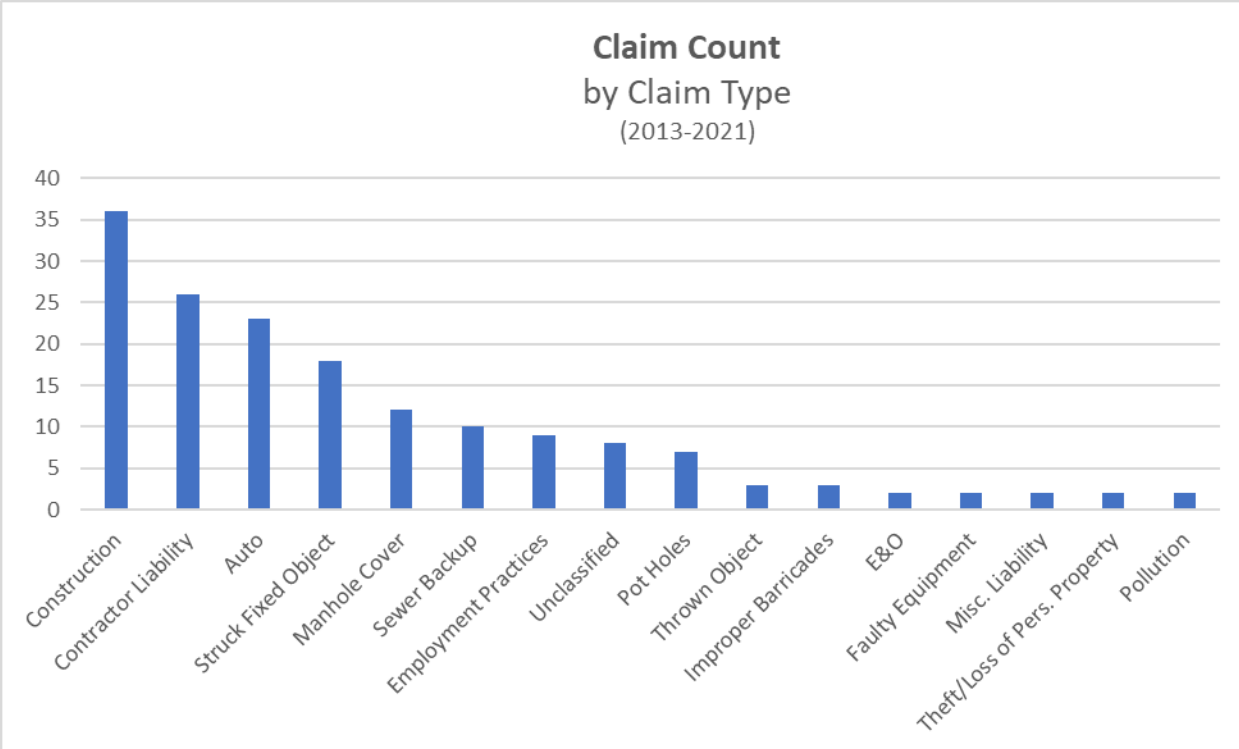


(notes: 2015 large # losses largely due to construction and manhole covers)

The following chart depicts the amount of money paid and claim reserves by type of GL/Auto claim against OC San from 2013 to present



The following chart depicts the number of GL/Auto claims by type against OC San from 2013 through 12/2021



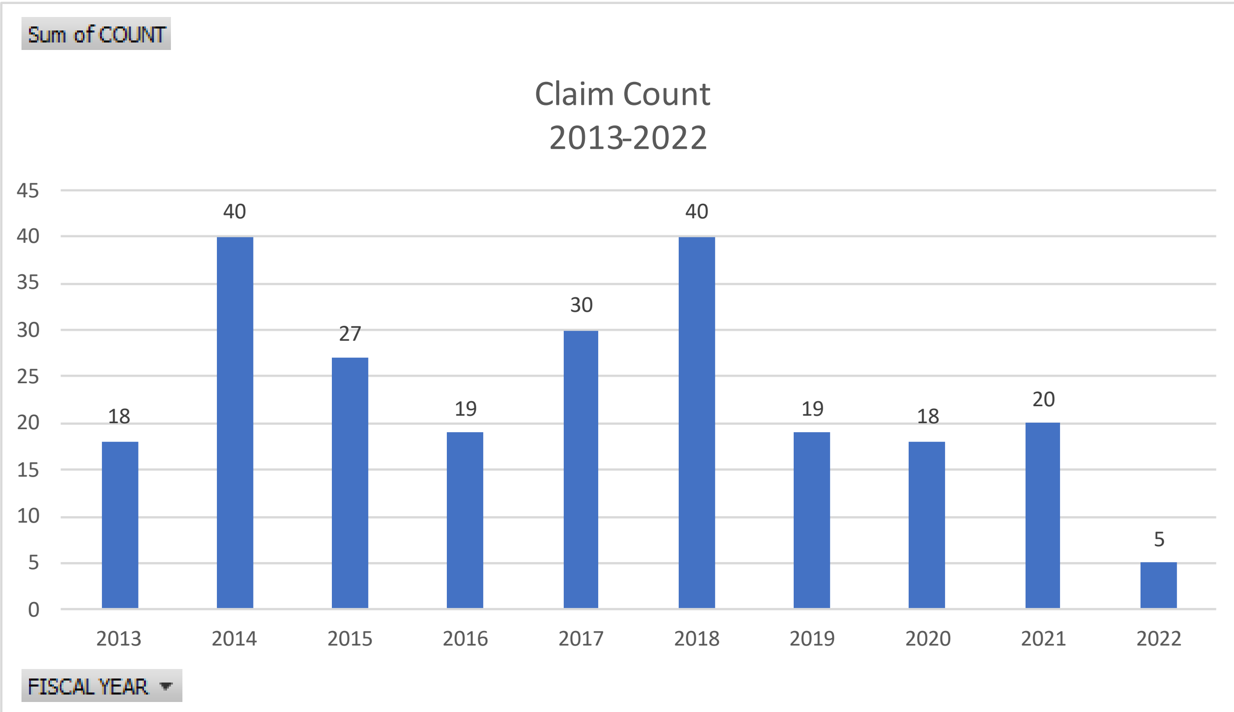
B. First Party Property

Historically between 2013 and 12/2021 there have been virtually no first party pure property claims filed in excess of OC San's $500K self-insured retention

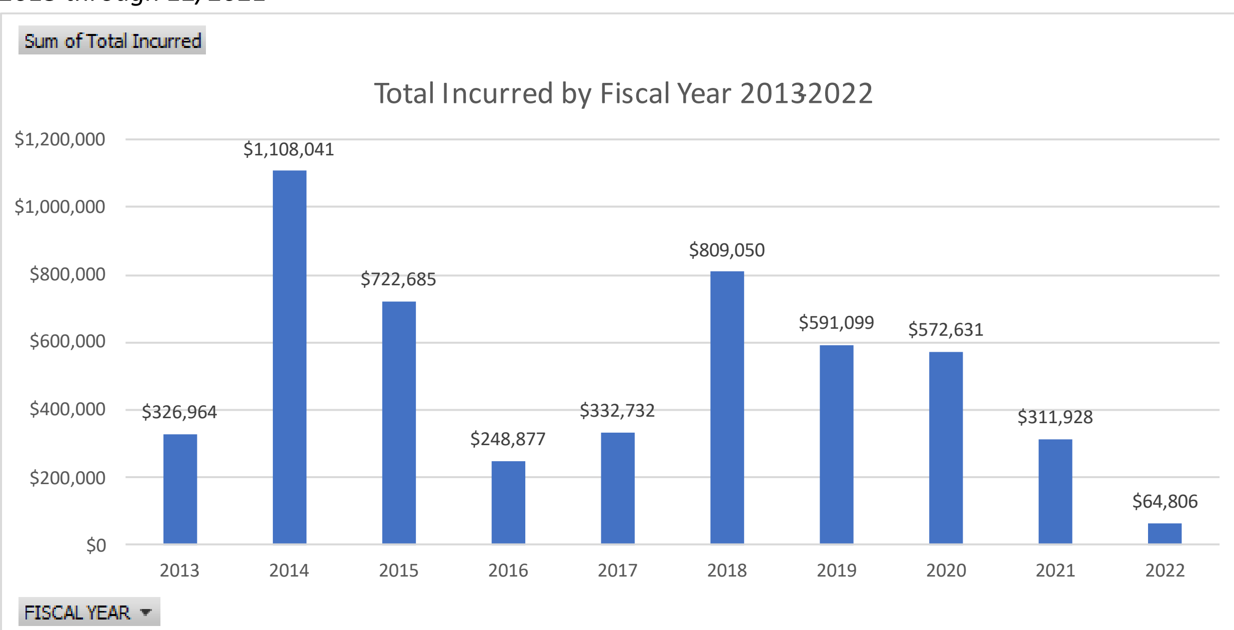
There is one current first party Boiler & Machinery (AKA Equipment Breakdown) insurance claim in process which will exceed the $25K self-insured retention. This involved the failure of P1 CenGen Cooper-Bessemer Engine 1 crankcase following a contractor's rebuild of the engine. The total loss could range between three and four million dollars. Investigation by carrier is ongoing. If the claim is ultimately accepted, the carrier is expected to subrogate their loss against the contractor.

C. Workers' Compensation

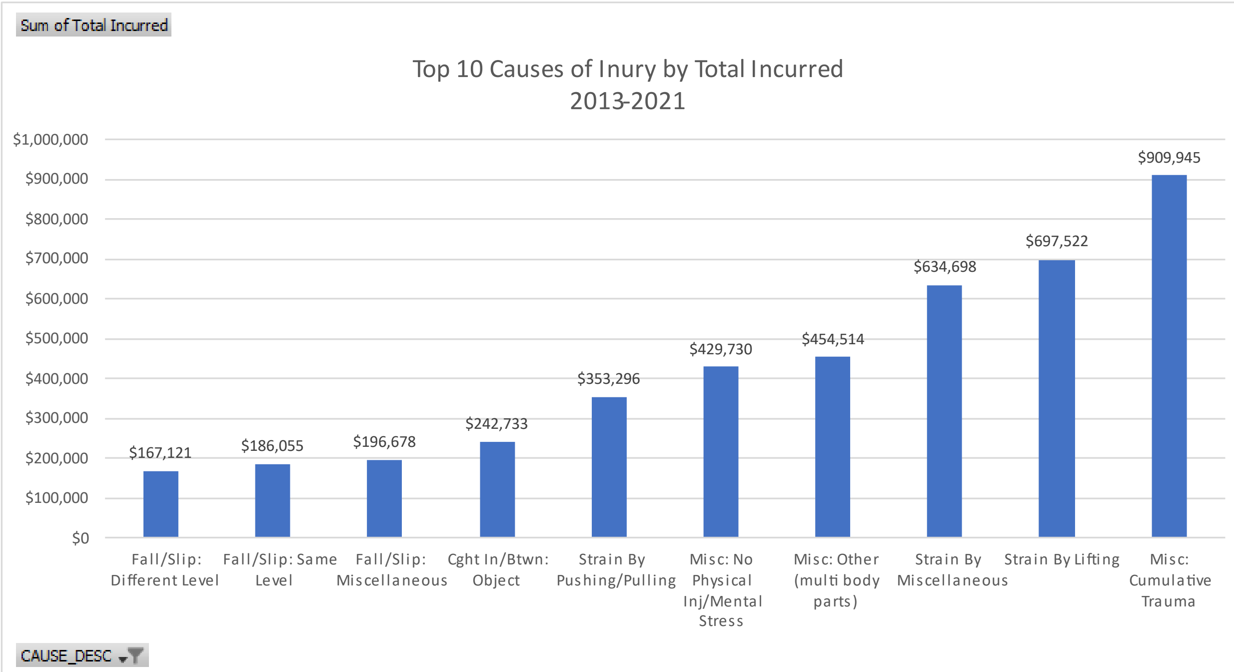
The following chart depicts the number of OC San work comp claims by fiscal year from 2013 through 12/2021



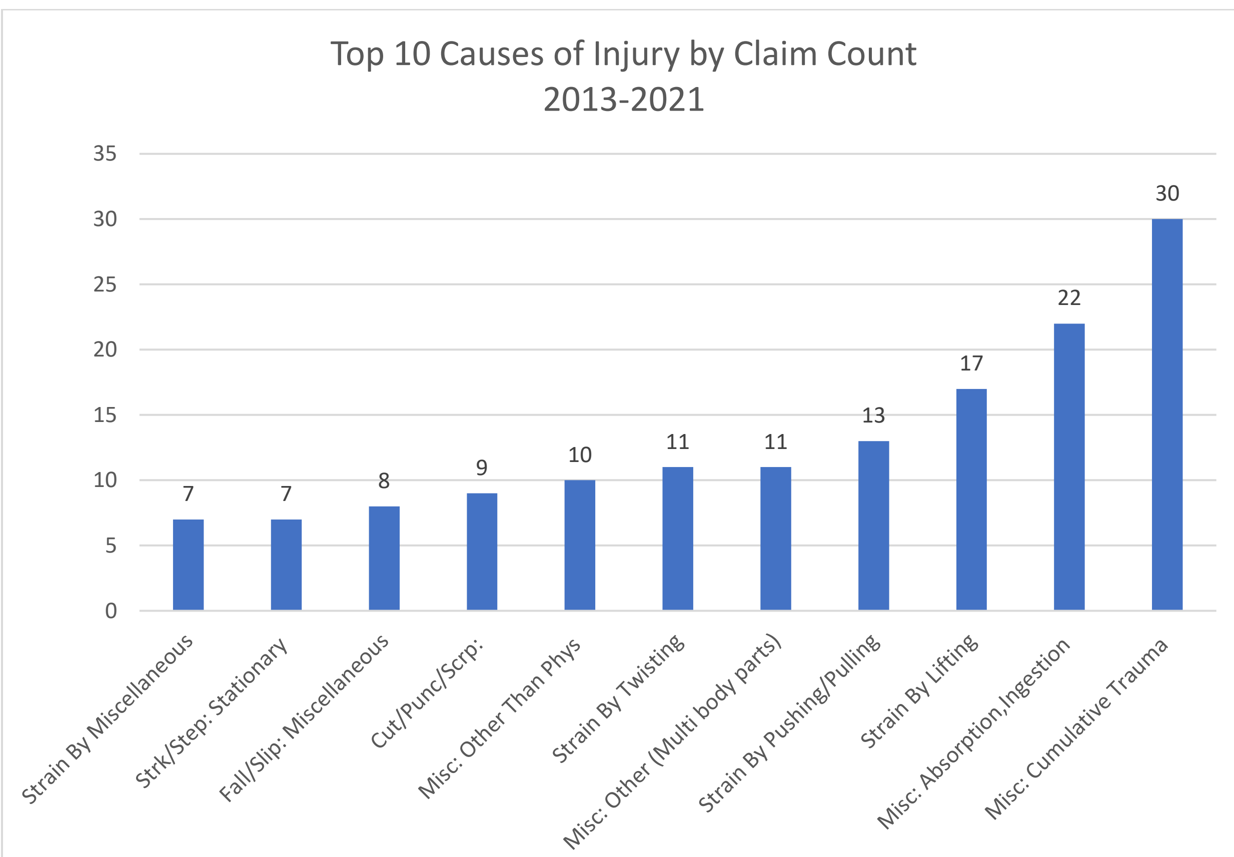
The following chart depicts the amount paid and in reserves on OC San work comp claims by fiscal year from 2013 through 12/2021



The following chart depicts the amount paid and reserves by type on OC San work comp claims from 2013 through 12/2021



The following chart depicts the number of claims by type on OC San work comp claims from 2013 through 12/2021



SECTION II – Insurance Program

A. Market Update

Attached is a PowerPoint presentation entitled "Insurance Market Update & Factors Impacting the Market" that discusses current issues affecting the insurance marketplace. In summary, the industry remains in what is referred to as a "hard market cycle" which is characterized by reduced capacity from insurers and firm pricing for most lines of coverage. The continued frequency and severity of catastrophic losses, along with challenges in containing the explosion in tort liability cases, and issues with cyber liability losses dominate the discussion.

B. Coverages and Retentions

Coverage in place for the current fiscal year are as depicted in the table below:

Coverage	Limits	Retention
"All Risk" Property, including Flood	$1,000,000,000 All Risk $25,000,000 Flood Limit - Per Occurrence and in the Annual Aggregate $25,000,000 Flood Limit for scheduled locations in Flood Zones A & V Per Occurrence and in the Annual Aggregate Not Covered Earthquake Shock Various Sublimits Apply	All Risk: $500,000 Per Occurrence $1,000,000 All Flood Zones Per Occurrence excluding Flood Zones A & V $1,000,000 Per Occurrence for Flood Zones A & V
APIP –Boiler & Machinery	$100,000,000 Various Sub-limits Apply	$25,000
APIP - Cyber	$40,000,000 Annual Policy and Program Aggregate $2,000,000 Insured/Member Annual Aggregate Various Sub-limits Apply	$250,000 Per Claim for each Member/Insured with Total Insured Value (TIV) greater than $750,000,000 at the time of policy inception 8 Hour waiting period for Dependent/Business Interruption Loss

ACIP Crime	$5,000,000 Per Occurrence • Employee Theft – Per Loss Coverage • Forgery Or Alteration • Inside The Premises – Theft Of Money And Securities • Inside The Premises – Robbery Or Safe Burglary Of Other Property • Outside The Premises • Computer Fraud • Funds Transfer Fraud • Money Orders And Counterfeit Money	$25,000 Per Occurrence
PRISM Excess Workers' Compensation Program	$4,000,000 excess of $1,000,000 Workers' Compensation and Employers' Liability $45,000,000 excess of $5,000,000 Workers' Compensation Statutory excess of $50,000,000 Workers' Compensation	$1,000,000 SIR each occurrence
PRISM Pollution Program	$50,000,000 Policy Aggregate Limit of Liability for all Members $10,000,000 per Pollution Condition $10,000,000 per Member Aggregate Limit of Liability	$250,000 Each Incident 5 Days Business Interruption – New Conditions
AD&D Travel Accident	• Class 1: 24 Hour Business Travel, Extraordinary Commutation: $500,000 • Class 2: 24 Hour Business Travel, Extraordinary Commutation: Ten (10) times Salary subject to a Maximum of $500,000 • Class 3: Business Travel Family, Extraordinary Commutation: $25,000 • Class 4: Business Travel Family, Extraordinary Commutation: $10,000 Various Sub-limits Apply	N/A

Builders Risk	$90,000,000 Combined Single Limit Any One Occurrence Various Sub-limits Apply	$1,000,000 Physical Damage $1,000,000 Flood. 10.0% VARTOL, with a Minimum of $1,000,000 Earth Movement
General Liability - $10m xs $750k SIR – 1st Layer	$10,000,0000 Completed Operations Hazard Aggregate $10,000,0000 Any one Occurrence, Wrongful act or offense for Bodily Injury, Property Damage, Public Officials Errors and Omissions, Employment Practices Liability, or Personal Injury or any combination thereof $40,000,000 Annual Policy Aggregate	$750,000
Excess Liability $15M xs $10M – 2nd Layer	$15,000,000 Each Occurrence $50,000,000 Policy Aggregate Cap	Follow underlying
Excess Liability $5M xs $25M – 3rd Layer	$5,000,000 Each Occurrence or Wrongful Act $5,000,000 Aggregate Limit Where Applicable	Follow underlying
Excess Liability $10M xs $30M – 4th Layer	$10,000,000 Each Occurrence $10,000,000 Aggregate Limit	Follow underlying
DIC $5M p/o $25M	$5,000,000 part of $25,000,000 Primary	CA Earthquake: 5% of the TIV of each unit at the time when such loss occurs, subject to $5,000,000 minimum per occurrence All other Perils:$25,000 per occurrence
DIC $10M p/o $25M	$10,000,000 part of $25,000,000 Primary	Same as above
DIC $10M p/o $25M	$10,000,000 part of $25,000,000 Primary	Same as above

Ocean Marine - Pollution	$5,000,000 any one vessel any one accident	N/A
Ocean Marine - Primary	$600,000 Hull & Machinery $1,000,000 Protection & Indemnity $5,000 Medical Payments $1,000 Personal Effects	$10,000 Hull & Machinery $2,500 BI/$10,000 PD Protection & Indemnity Nil Medical Payments $250 Personal Effects
Ocean Marine - Excess	$9,000,000 xs $1,000,000 each accident or occurrence.	Follow underlying
Special Event Liability	$1,000,000 Per Occurrence $2,000,000 General Aggregate	N/A

C. Insurance Program Commentary

The types, amounts, deductibles and other features of coverage purchased (shown above) are reviewed each year through the Committee process as recommended by the District's broker, Risk Manager and Financial Officers. The coverages, amounts and deductibles are in keeping with what one finds for other large public entity water and wastewater operations.

Currently and historically OC San's insurance program has consisted mainly of coverage for what would normally be perceived as "catastrophic" events. Meaning largely, programs with high limits and high retentions, as OC San and others similarly positioned, generally have the financial wherewithal to self-fund low dollar, more frequent events. OC San chooses its various retention levels and limits each year based on review of independent actuarial analysis, actual losses, and insurance market conditions.

While OC San could and does consider different program structures, (at least annually) i.e. lower retentions, or higher limits etc., there are practical considerations involved. For some lines of coverage, lower retentions are generally not available in the market to large governmental entities, and no doubt would be considerably more expensive on both a real cost, and actuarial basis. Many California governmental entities participate in risk sharing pools ("JPA's) to obtain improved services, costs or coverage that may not be available in the commercial insurance market. In fact, OC San does participate in PRISM for its excess workers' compensation coverage. PRISM is the largest risk sharing pool in the country. CSRMA is another risk sharing pool that OC San is familiar with and is designed for wastewater treatment entities. OC San recently did a comprehensive review of CSRMA offerings, and while CSRMA is a "good fit" from a purely operational point of view, OC San would be by far the largest member of the group, and at this time, CSRMA does not offer meaningful advantages for participation to OC San.

Section III. Topics of Interest

A. Regulation of Insurers – Admitted vs Non-admitted Carriers

Insurance companies are highly regulated at the State level. Often times in large commercial insurance programs for complex operations, especially for operations that are viewed within the insurance industry as being a “difficult risk”, a program will commonly contain a mix of insurers that are regulated in different ways by the different States where they operate. Generally, States designate insurers operating in their State as either “Admitted” or “Non-Admitted” insurers. This is the case in California. The designation of an insurance company by a State’s Insurance Commissioner as “admitted” may seem to give the company a stamp of authority, but this designation is primarily an administrative one, rather than a mark of quality, strength, or stability. Other factors than an insurer’s regulatory status within a particular State are usually more meaningful when selecting carriers for any particular coverage. Key factors would include the carriers’ financial strength, pricing structure for coverage types it offers, and experience in underwriting.

To qualify as an admitted carrier, an insurance company must file an application with each state’s insurance commissioner and be approved. Approval requires compliance with a state’s insurance requirements, including the filing and approval of that company’s policy forms and rates. This process often takes a long time, and lacks flexibility. Once a carrier is licensed to transact insurance business in a certain State as an admitted carrier, the carrier is required to pay a portion of its income into the State's insurance guarantee association. One of the main selling points of being “admitted” is that the carrier’s liabilities are backed by that state’s “guarantee fund.” If an admitted company becomes insolvent, the state should help pay off policyholders’ claims.

A “non-admitted” carrier is often referred to as an “excess and surplus line carrier”, and operates in a State without going through the approval process required for admitted companies. Non-admitted carriers are not bound by filed forms or rates and therefore have much greater flexibility to write and design policies to cover unique and specific risks, and to adjust premiums accordingly. When admitted markets cannot or will not write a risk, or when an admitted carrier cannot offer the appropriate terms, non-admitted markets are available to fill this gap.

Non-admitted insurance carriers are monitored for State rule compliance by the State Surplus Lines Association, in coordination with the Department of Insurance. Rules and regulations are less invasive than for the admitted markets. The most obvious difference between admitted and non-admitted is that purchasers of non-admitted policies do not have the protection afforded by the state’s guarantee fund, however this concern is usually mitigated by placing coverage only with financially strong non-admitted insurers. Many non-admitted insurers are financially stronger than admitted insurers. Each state does charge taxes against premium for non-admitted insurance, and agents must be licensed in surplus lines to sell non-admitted insurance, collect the tax and remit it to the State.

The designation as “non-admitted” should not be taken as an indication that these insurance carriers are not legitimate or financially stable. In fact, to sell surplus lines insurance, non-admitted insurance companies have to set aside a large monetary reserve or secure adequate reinsurance for their writings.

Given the complexity of OC San's operations and the overall market dynamics of cost and availability of insurance within the State, a number of OC San's insurers are, not surprisingly, non-admitted. This is not in any way uncommon, as nearly all large California insurance program placements, and certainly those for public entities, contain a mix of admitted and non-admitted markets.

The regulatory status and financial strength, as indicated by an A.M. Best Rating, of the carriers in the Districts' Program is as follows:

Insurer	AM Best Rating	CA Status
Great American Excess and Surplus Insurance Co.	A+/XV	Non-Admitted
Gemini Insurance Co.	A+/XV	Non-Admitted
Arch Insurance Co.	A+/XV	Admitted
Great American Assurance Co.	A+/XV	Admitted
Liberty Mutual Insurance Co.	A+/XV	Admitted
General Security Indemnity Co. of AZ	A+/XV	Non-Admitted
CUMIS Specialty Insurance Co. Inc.	A/XII	Non-Admitted
Mercer Insurance Company	A/X	Non-Admitted
National Union Fire Insurance Co. of Pittsburgh, PA	A+/XV	Admitted
Atlantic Specialty Insurance Co.	A+/XV	Admitted
Ironshore Specialty Insurance Co.	A/XIV	Non-Admitted
North American Capacity Insurance Co.	A+/XV	Admitted
Arch Specialty Insurance Company	A+/XV	Non-Admitted
Chubb Bermuda Insurance Ltd.	A+/XV	Non-Admitted
Convex Insurance UK Limited	A-/XV	Non-Admitted
Crum & Forster Specialty Insurance Company	A/XIV	Non-Admitted
Endurance Worldwide Insurance Limited	A+/XV	Non-Admitted
Evanston Insurance Co.	A/XV	Non-Admitted
Fidelis Underwriting Limited	A/XV	Non-Admitted
International General Insurance Co.	A/XV	Non-Admitted
Lancashire Insurance Company (UK) Ltd.	A/XIV	Non-Admitted
Landmark American Insurance Co.	A+/XIV	Non-Admitted
Lexington Insurance Company	A/XV	Non-Admitted
Liberty Surplus Insurance Corporation	A/XV	Non-Admitted
Lloyd's of London	A/XV	Non-Admitted
National Fire and Marine Insurance Company	A++/XV	Non-Admitted
PartnerRe Ireland Insurance Ltd.	A+/XV	Non-Admitted
QBE Specialty Insurance Company	A/XIV	Non-Admitted
StarStone Specialty Insurance Company	A-u/XI	Non-Admitted
Westport Insurance Corporation	A+/XV	Admitted
XL Insurance America Inc.	A+/XV	Admitted
Beazley	A/XV	Non-Admitted

Non-Admitted carriers predominate the list as very few admitted commercial insurance carriers are interested in writing public entity risks, and those that do will generally charge more in premium and are less flexible on coverage terms.

B. Other Available Coverage Types

While the District has a robust insurance program, other coverages are available in the market that governmental entities are considering. The range of these is large, however some of the more active discussions concern the risk areas of pandemic, active shooter, and parametric earthquake products. Discussion of these, or addressing other perils is always available.

Section lV. Future Considerations

A. Biannual Liability and Work Comp Actuarial Study
B. Review of Risk Management functional needs
C. Program type options investigation

Section V. Report Attachments

A. State of the Market PowerPoint

Orange County Sanitation District

Insurance Market Update & Factors Impacting the Market

December, 2021

Presented by:
Dennis Mulqueeney

We are in unprecedented times…

We are in the midst of a pandemic that turned our lives upside down

Public trust has eroded

Community trust in law enforcement at historic lows

Social injustice has caused much angst among citizens and brought about protests pitting groups against each other

The trajectory of social inflation continues to rise steeply

Cyber breaches are impacting every sector

Natural catastrophes are now systemic

Natural catastrophes

COVID

Social inflation

Social unrest

Cyber

Geopolitical

Market Conditions

Most challenging insurance market in decades

Most impacted coverage lines:

Property

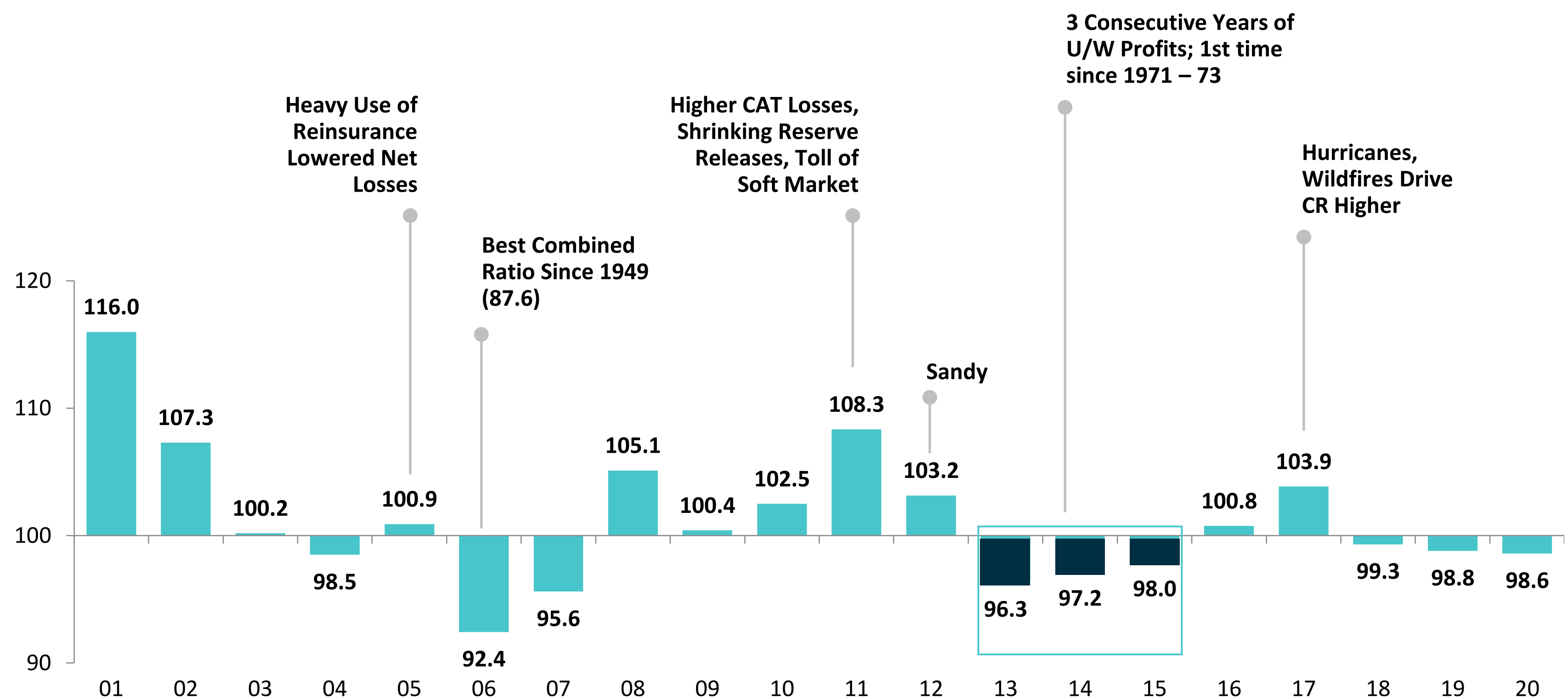
Excess Liability

Cyber

- Liability capacity pull back and withdrawals have been significant over the past two years
- Property capacity has stabilized with new capital providers
- Cyber capacity is shrinking and particularly acute for certain industries (Public Entity)
- COVID-19 continues to create uncertainty around its impact on the industry as the Delta variant wave continues cause significant illness and death
- Insurers produced negligible profit in 2020 – $83b in Global Insured CAT losses
- Workers Compensation remains stable but concerns remains around the development of presumptive legislation for Cancers, PTSD and etc.
- Historically low interest rates have hampered carrier investment returns
- An increased pattern of major property catastrophes such as hurricanes, typhoons, wildfires, etc. over the past 5 years. Is this the new norm?
- Consist increases in attritional property losses (fires, tornados, hail, wildfires)
- Social inflation driving up liability verdicts and settlements
- Litigation financing is driving large claims
- Ransomware cyber losses are systemic
- Industry is well capitalized – $929B of surplus (all time high)
- New capital is being deployed

Combined Ratio

2001 – 2020 Yearly (All P/C Lines)

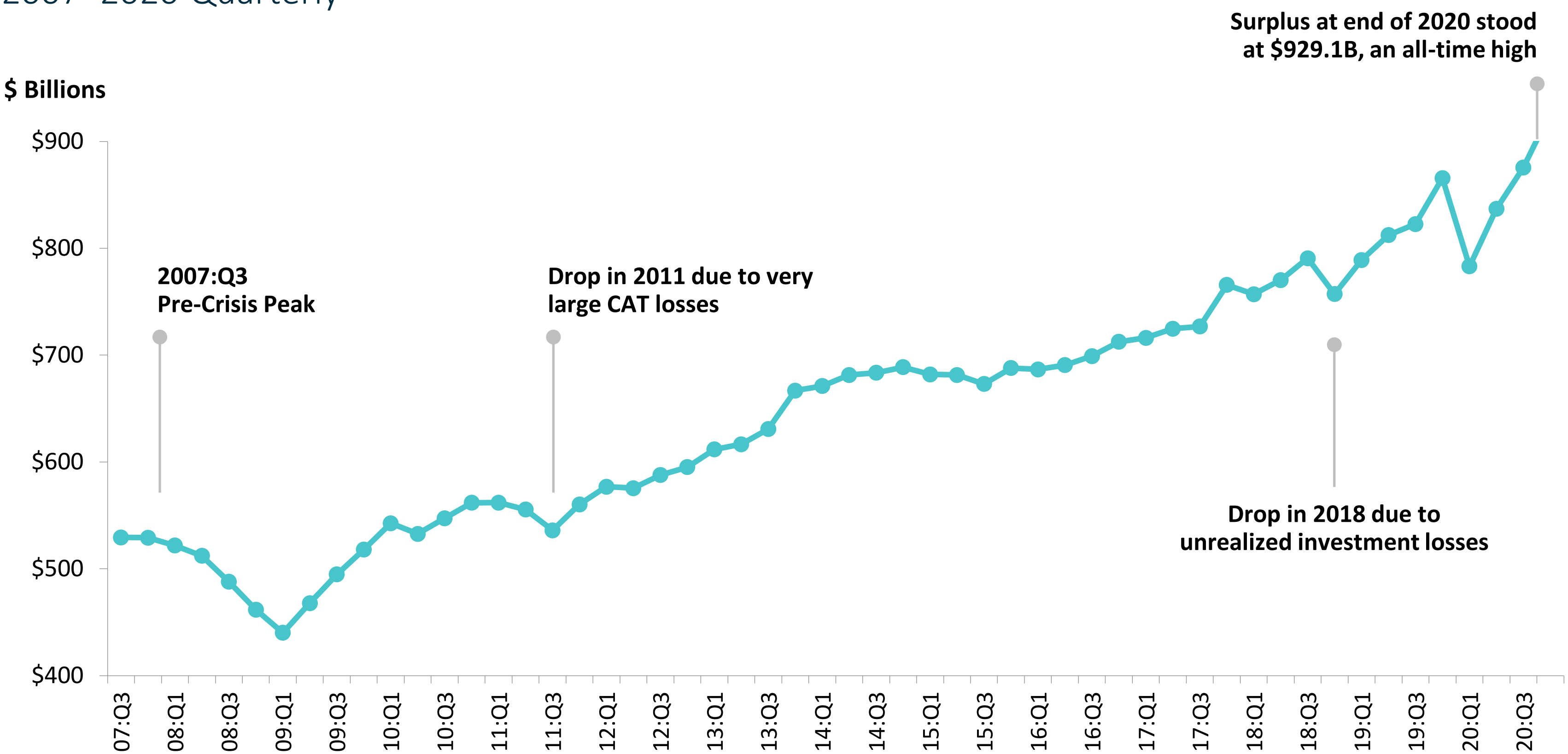


Combined Ratio: Neutral

Sources: NAIC data sourced through S&P Global Intelligence; Insurance Information Institute.

Policyholder Surplus

2007–2020 Quarterly



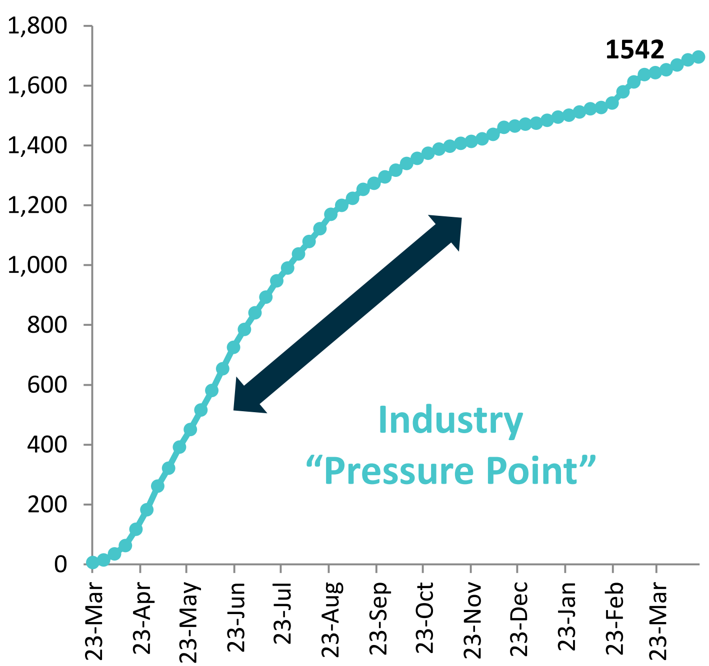
Policyholder Surplus: Positive

Sources: NAIC data sourced through S&P Global Intelligence; Insurance Information Institute.

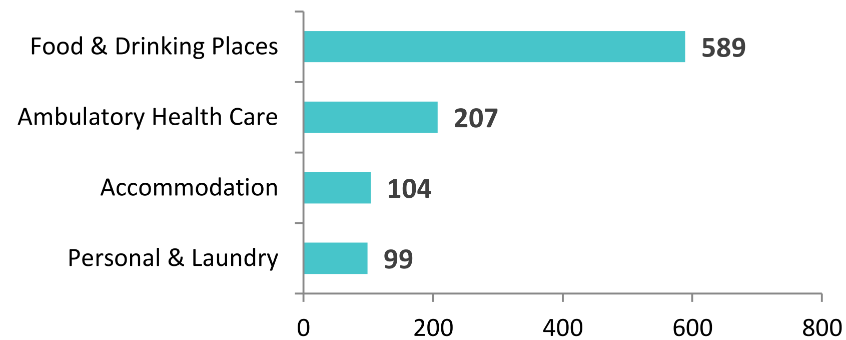
COVID Related Claims

Loss Estimates Circa $60B to $70B

Cumulative Filings



Who is Suing?



Insurer Defenses

No physical damage

Exclusion for loss due to virus or bacteria

Source: COVID Coverage Litigation Tracker, cclt.law.upenn.edu

Average Rate Changes by Line of Coverage

Q2 2021

Property

Property Non CAT with Positive Loss Experience
Up 5% to 10%

Property Non CAT with Poor Loss Experience
Up 15% +

Property CAT with Positive Loss Experience
Up 10% to 15%

Property CAT with Poor Loss Experience
Up 20% +

Casualty

Primary General Liability
Up 5% to 10%

Auto
Up 5% to 10%

Excess Liability
Up 25% +

Workers Compensation
Down 5% to Up 5%

Cyber

Positive Security Posture
Up 25% to 50%

Poor Security Posture
Up 50% to Over 100%

Alliant

Property Update

Capacity

- Carriers are still carefully managing their capacity deployment
- New market entrants creating solutions and drive competitiveness on programs for both challenged and non-challenged occupancies

Coverage

- Carriers are still aggressively looking to reduce the amount of manuscript/bespoke policy language
- Continued focus on exclusions for Communicable Disease and Cyber
- Certain occupancies and locations there remains focus on Strikes, Riots, and Civil Commotions

Retentions

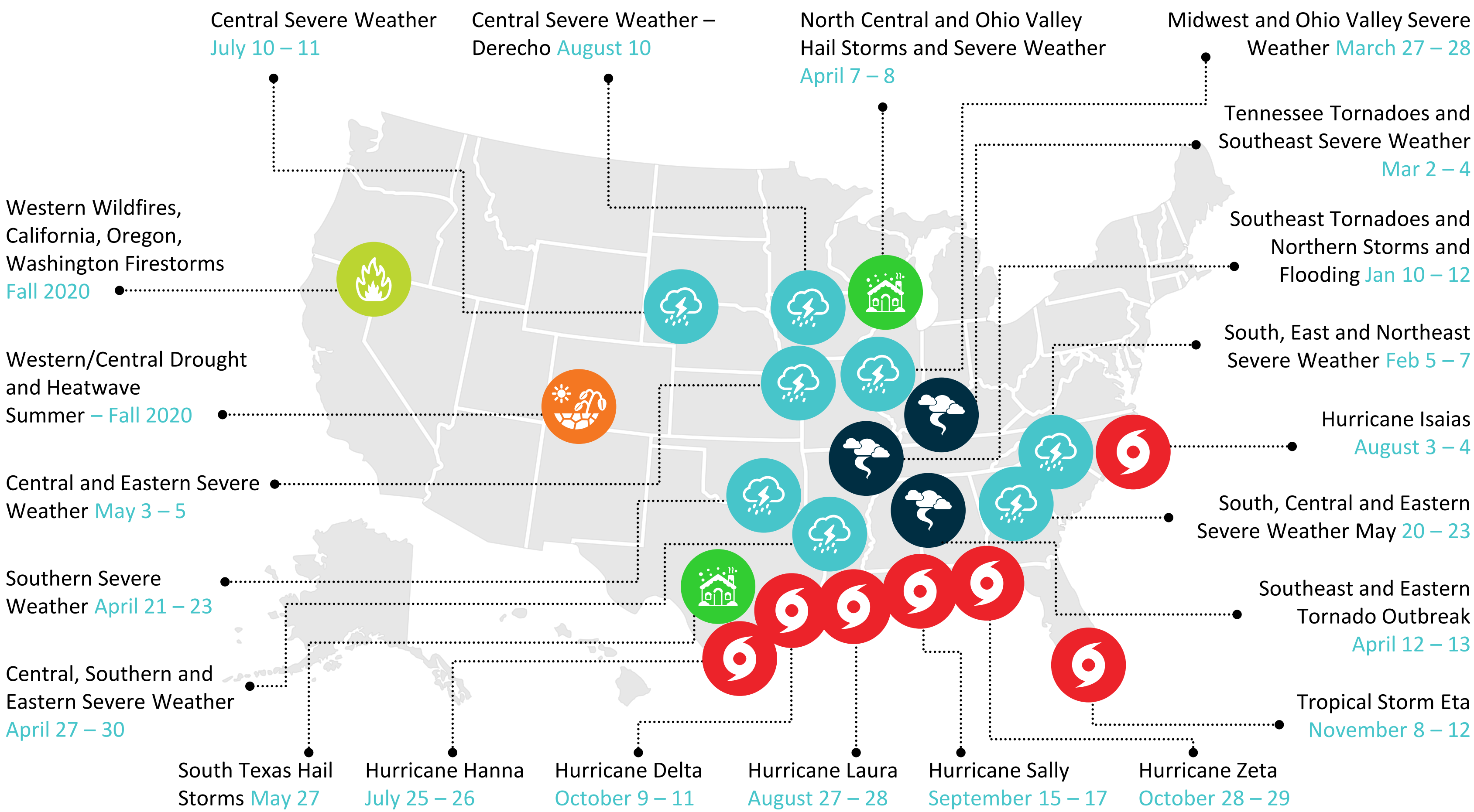
- Carriers are continuing to challenge property retentions on specific classes of business
- Underwriters are also still pushing for percentage hail deductibles in hail prone states, with 2% becoming the standard

Rate continues to be moderating

- Rate continues to be moderating
- Most carriers have moved through multiple cycles of “book corrections” and now report levels of profitability
- Pricing on large shared/layered accounts see benefits from new markets/capacity
- Flat or single digit rate increases are still reserved for the most competitive accounts with good risk control and loss activity
- Tough occupancies and poor loss histories experiencing rate increases in the double digits, albeit not at the levels experienced throughout 2019 and 2020

Major U.S Losses in 2020

U.S 2020 Billion-dollar Weather and Climate Disasters



Recent CAT Losses

Hurricanes

Record-breaking
30 named storms
in 2020

$30B+
in insured losses (US)

Wildfires

2020 wildfires set record

Burned over
9,000,000 acres

$16B
in insured loss

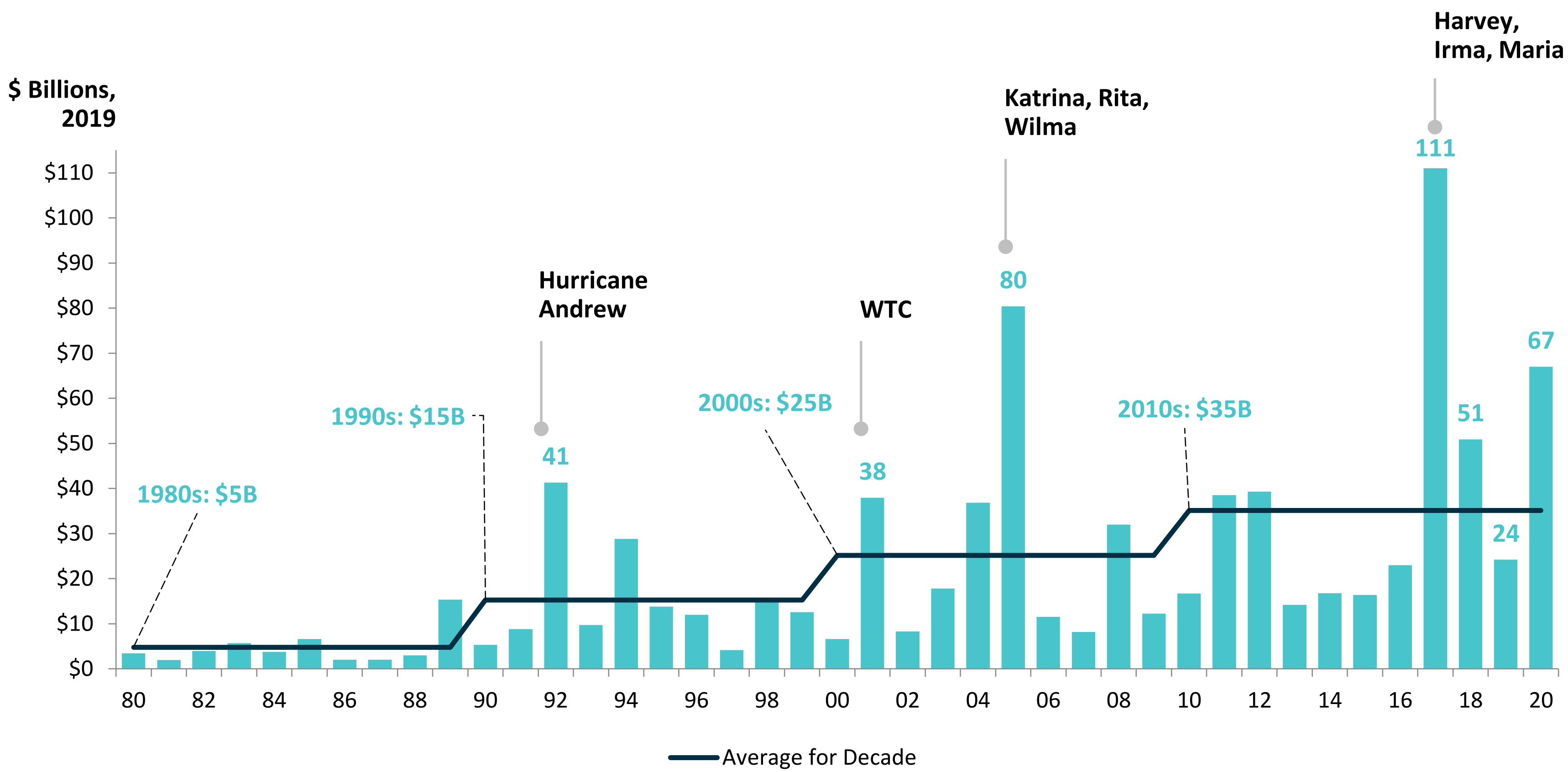
Texas Freeze

Over **110** deaths
associated

Estimated **$20B+**
insured losses

Estimated to be the largest
Q1 loss record

U.S. Inflation-Adjusted Insured Cat Losses



Insured Cat Losses Are Increasing At An Alarming Rate – Nearly 700% Since 80's

*Sources: Property Claims Service, a Verisk Analytics business; Insurance Information Institute.

Alliant

Casualty Update

General

- Umbrella and Excess Liability market remains challenging
- Significant Umbrella and Excess rate increases and coverage decreases remain common. Underwriting authority is shifting, causing some underwriting delays
- Auto Liability remain under rating pressure, exacerbated by a number of insurers exiting the auto liability market or declining to offer mono-line auto liability
- Workers' Compensation continues to exhibit consistency and stability
- Claims frequency and severity remains high driven by social inflation/nuclear verdicts and natural catastrophes

Capacity

- Capacity continues to be constrained for difficult risks
- New market entrants have very limited appetites, generally offering capacity in less challenged specialties.

Coverages

- There is an increased focus on clarifying or excluding certain coverage for chemicals, energy, communicable disease (COVID-19 specifically), abuse and molestation

Casualty Market Major Disruptors

Auto Liability

- Cost of Vehicles/ Technology
- Fatality Trends
- Distractive Driving – Cell Phones
- Frequency and Severity Trajectory

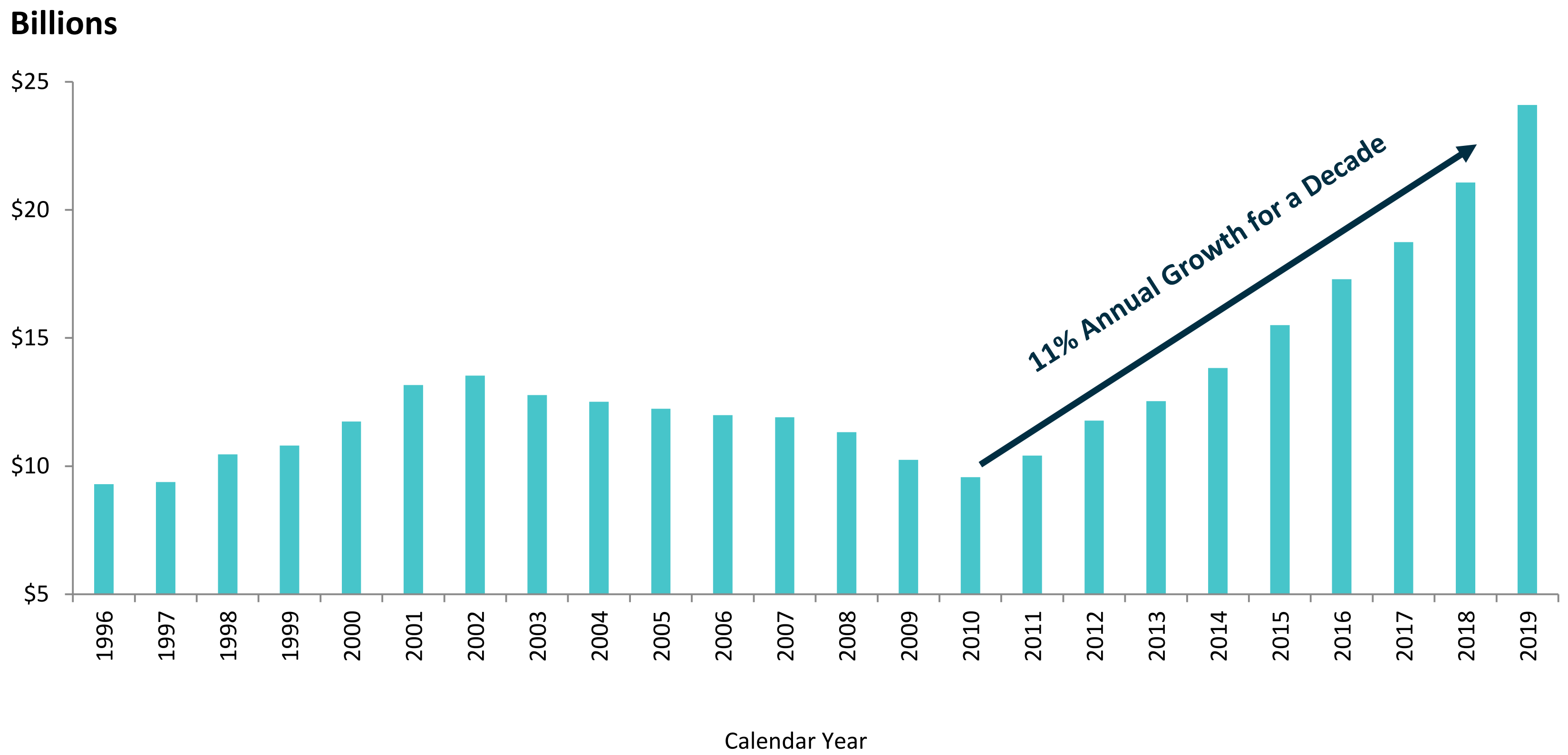
Workers Compensation

- Opioids
- Tele Medicine
- Aging Workforce
- Medical Cost Inflation
- Cancer & PTSD Presumption
- Workplace Violence
- COVID

General Liability & Excess Liability

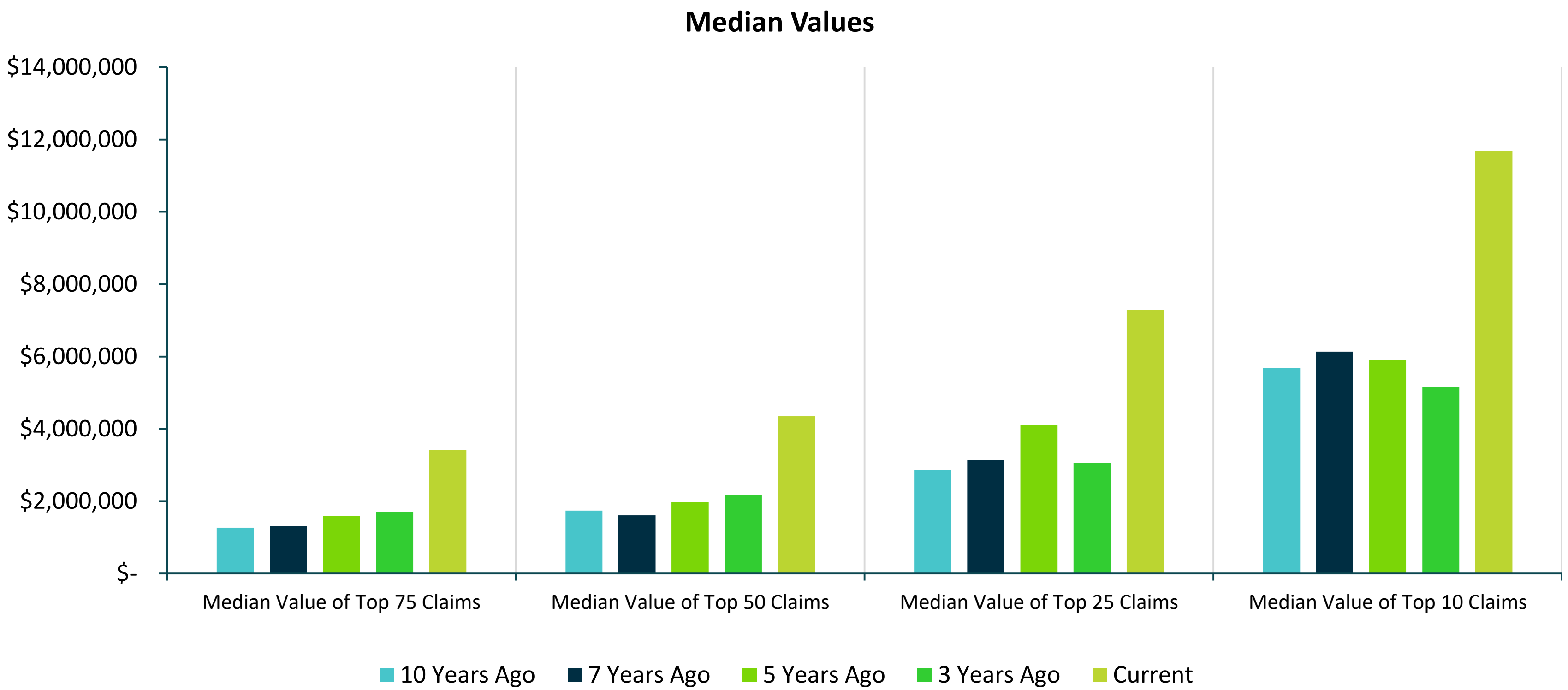
- Increase in Catastrophic Losses
- Litigation Financing
- Organized Plaintiff Bar
- Personal Injury Trends
- Punitive Damage Awards
- Aging Infrastructure
- Sexual Misconduct
- Excessive Force

Upward Trend in Liability Claims



Sources: NAIC data sourced from S&P Market Intelligence; Insurance Information Institute.

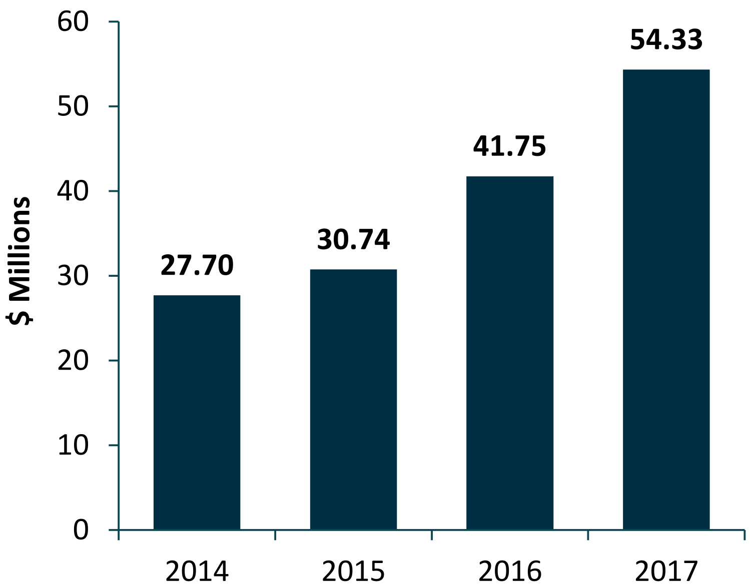
Median Value Large Liability Losses



The Changing Legal Environment

Anchoring: "Jackpot Justice"

Median, 50 Largest Jury Verdicts

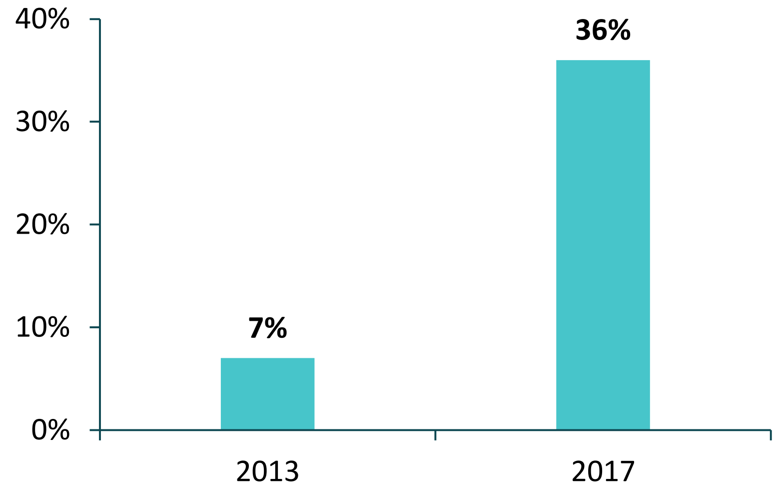


Litigation Financing

Percent of US Law Firms Using Litigation Financing

Litigation is a financeable asset.

– ***68%*** ***of US Law Firms***



Sources: Swiss Re Economic Insights, Burford Capital.

Hyper-Social Inflation

Social Inflation is a uniquely American phenomenon because the United States is the only country in the world that routinely uses jury trials for civil cases. Jurors have unconscious biases derived from the culmination of their life experiences.

MARKEL®

Loss Year	Description	Total Paid
2018	Sexual Abuse (Class Action)	**$500,000,000**
2017	Sexual Abuse (Class Action)	**$215,000,000**
2015	Methane Gas Leak	**$120,000,000**
2015	Bus Shelter Collapse (Single Plaintiff)	**$115,000,000**
2014	Child Abuse/Foster Care	**$113,400,000**
2011	Police Shooting/Wrongful Death	**$97,000,000**
2014	Dangerous Condition/Landslide	**$71,500,000**
2016	Vehicle Accident/Fire Ambulance	**$65,750,000**
2016	Wrongful Death	**$60,000,000**
2015	Strip Search (Class Action)	**$53,000,000**
2012	Dangerous Condition/Bridge Fire	**$50,000,000**
2017	Vehicle Accident/Motorcycle vs Auto	**$46,000,000**
2015	Vehicle Accident/Sherriff Vehicle	**$42,000,000**
2011	Wrongful Conviction	**$40,000,000**
2014	Dangerous Condition/Vehicle Accident	**$32,500,000**
2015	Sexual Abuse	**$31,000,000**
2016	Dangerous Condition/Vehicle Accident	**$30,000,000**

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Evolving: Officer Involved Shootings 2020

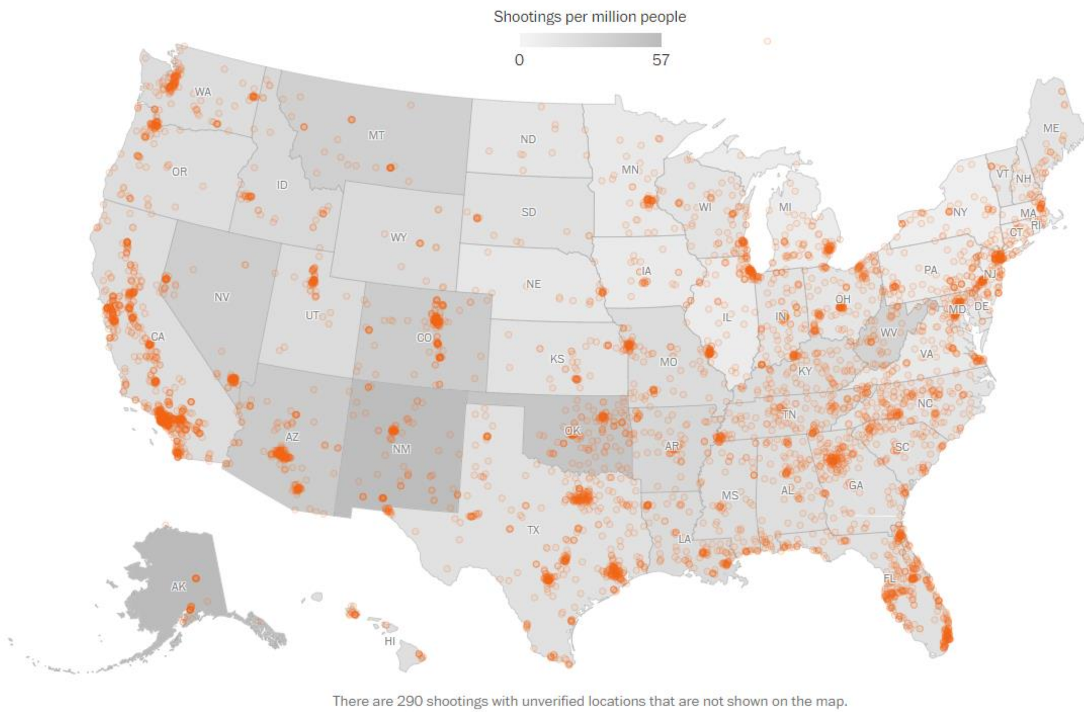
The Washington Post

The Washington Post
is tracking this national
figure best, with

999 in 2019

and

976 in 2020.



Sample Market Capacity Reductions

Carrier	2015 ($ Millions)	2020 ($ Millions)
AIG	25	5
Allied Public Risk	10	5
AmTrust	10	5
Argonaut	10	2
Berkley	5	5
Brit	10	5
Chubb	10	10
CivicRisk Mutual	10	2
Everest	5	5
Genesis	5	3
Great American Insurance Group	10	5
Ironshore, A Liberty Mutual Company	10	5
Markel	10	5
Munich RE	20	10
Old Republic Insurance Group	10	5
Safety National	10	5

2015 ($ Millions) Total	2020 ($ Millions) Total
170	83

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Cyber Conditions

Capacity

Carriers have been extremely conservative with their deployment of capacity. As an example, many cyber insurers have cut their available capacity from $10 million down to $5 million.

Coverage

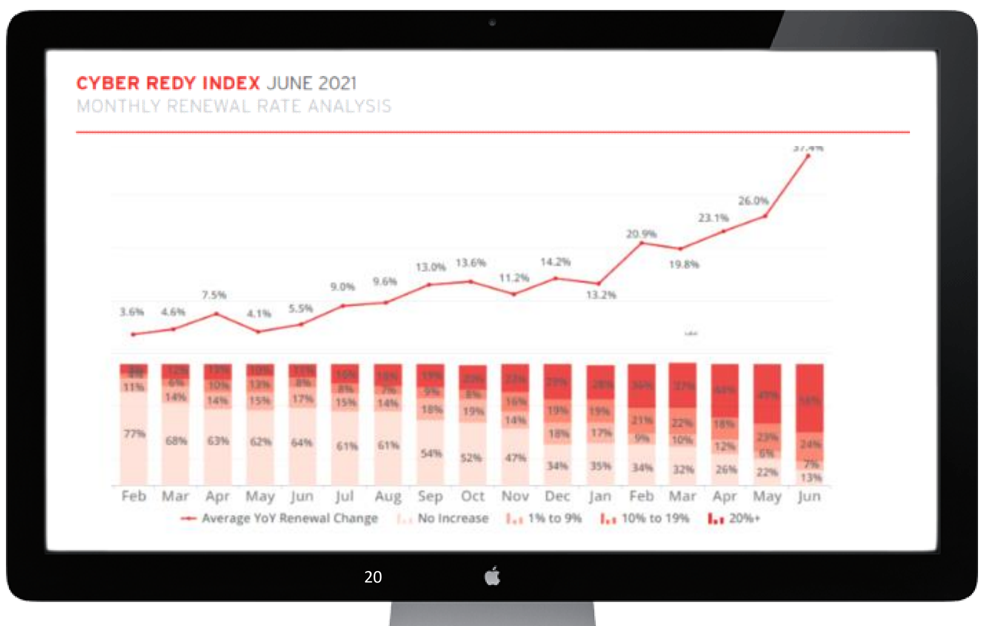
Coverage generally remains intact for asset managers with mature information security programs and strong operational resilience. However, leading Primary carriers are pushing for 50% co-insurance provisions or other coverage restrictions for ransomware losses where companies are less secure.

Retentions

Excess markets are following Primary increases and in many cases are pushing for higher percentage increases on certain attachment points. Continued pressure on primary retentions and waiting periods for business interruption losses.

Pricing

Abrupt pricing correction due to the uptick in severity of claims. Market leaders have consistently secured primary increases of 40% – 50% on their renewals during 2021.



The Ransomware Epidemic

Ransomware surged in recent years, and there is no foreseeable slowdown. All industry segments were impacted. Manufacturing and professional services were particularly hard hit, followed closely by healthcare, education, and **government entities**.

Estimated global damage from ransomware.

2018	2019	2020
$8 Billion	$11.5 Billion	$20 Billion

Recent Ransomware Losses

Colonial Pipeline was hit with a devastating cyberattack earlier this month that forced the company to shut down approximately 5,500 miles of pipeline in the United States, crippling gas delivery systems in Southeastern states. The FBI blamed the attack on DarkSide, a cybercriminal gang believed to be based in Eastern Europe, and Colonial reportedly paid a **$5 million ransom** to the group.

Royal Dutch Shell became the next victim of the Clop ransomware gang. The gang exfiltrated sensitive data from a Accellion file transfer service used by the oil giant and later leaked the stolen data online to prompt them to pay a ransom. Some of the leaked data included employee visa and passport information.

JBS SA, a leading food company and the largest meat producer globally, had to shut down production at multiple sites worldwide following a cyberattack. The incident impacted multiple JBS production facilities worldwide over the weekend, including those from the United States, Australia, and Canada. The FBI attributed the attack to REvil, a Russian-speaking gang that has made some of the largest ransomware demands on record in recent months.

US based insurance giant **CNA** were victim of a ransomware attack using a new variant called Phoenix CryptoLocker, possibly linked to the Evil Corp hacking group. Sources familiar with the attack have told BleepingComputer that over 15,000 devices on their network were encrypted and remote employees logged into the VPN were also affected. It's been reported that CNA paid the **$40 million demand** but the loss is likely to be north of $100 million after business interruption and data restoration costs are taken into account.

Liability Renewal Outlook

Excess liability continues to be a challenge

Specific Problem areas:

- Aggregate limits – Many carriers are looking to cap their exposure on pool programs
- Attachment point/Retentions are being closely examined
- Particular emphasis on Law Enforcement and Sexual Abuse/Misconduct coverages

Pricing expectations based on Q2 results for 2021 = +10% to +20% – based on losses

Engage incumbent carriers early to gain commitment on renewal

Property Renewal Outlook

Increased scrutiny of data (SOV, COPE, ITV with Increased Construction Cost)

Increased retentions and caps on certain types of exposure

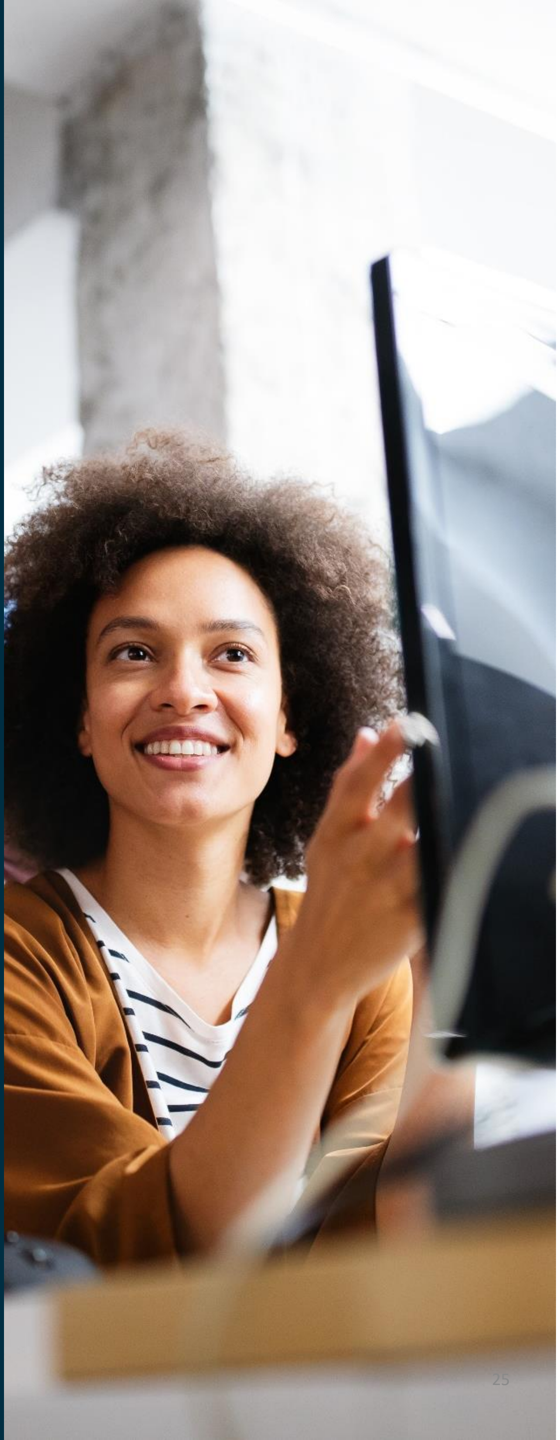
- Windstorm & Hail
- Strikes, Riots and Civil Commotion

Rate increases expected but tempered from 2021 – +5% to +15% dependent on loss experience

Underwriter submission activity remains high – imperative to engage early and access global market

Alliant

Cyber Renewal Outlook



Leading insurers have indicated that renewals in 2022 will see:

- 25% to 35% increases, at a minimum, for “good” risks and most starting much higher
- Lower overall capacity deployment
- Increased per-claim, self-insured retentions across the board
- Increased waiting periods (i.e. time element deductible) before electronic business interruption (EBI) cover kicks in
- Potential coinsurance percentages added ransomware
- Further limitation on ransomware limit

Requirement to evidence security posture:

- MFA
- Data Backups
- Employee Education & Training Programs

Alliant

Thank you!

Questions?

Please contact us if you would like a copy of this presentation.

Risk Management & Insurance Update

Presented by:

John Preston,
Consultant - Risk Management/ Financial Services

Administration Committee

February 9, 2022

OC SAN
ORANGE COUNTY SANITATION DISTRICT

1

Purpose

- Keep OC San Board up-to-date on status of and developments affecting the Property/Casualty insurance program
- Provide a forum for enhancing education and understanding of insurance topics

2

2

Claim Data

- The report provides a summary of historical claims data on the following insurance programs:
  - Third party general/auto liability
  - Workers' Compensation
  - First Party Property

3

3

Insurance Program

- A market update presentation is included in the package
- Review of the current insurance program coverages and retentions
- Insurance Program commentary

4

4

Topics of Interest

- Intended as a recurring, brief educational topic review
  - Regulation topic
  - Types of insurance program options

Future Considerations

- Semi-annual report out
- Risk Management functional considerations
- Program type considerations

Calendar

- Jan
  - Property & Casualty Insurance Update
- Feb
  - GL Renewal Application due
- Mar
  - Actuarial Study due
  - Property Renewal Application due
- Apr
  - Coverage Options exploration
- May
  - Pre-Renewal proposals to Admin Committee
- June
  - Renewal recommendations to Board
- July
  - Renewals effective 7/1

7

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Questions

8

8

Administration Building
10844 Ellis Avenue
Fountain Valley, CA 92708
(714) 593-7433

ADMINISTRATION COMMITTEE

Agenda Report

File #: 2022-2117 **Agenda Date:** 2/9/2022 **Agenda Item No:** 11.

FROM: James D. Herberg, General Manager
Originator: Lan C. Wiborg, Director of Environmental Services

SUBJECT:

COVID-19 SEWAGE SURVEILLANCE PROJECT UPDATE

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

Information Item.

BACKGROUND

Each month, staff provides informational presentations on topics of interest to the Board of Directors. The topic of this presentation is Orange County Sanitation District COVID-19 Sewage Surveillance Project Update.

Sewage Surveillance, also known as Wastewater-Based Epidemiology, is the study of community-level infection prevalence through measuring the concentration of the pathogen either directly or indirectly (i.e., using biomarkers) in the pooled community sewage samples.

Staff will present an update on the status of OC San's sewage surveillance efforts to date.

RELEVANT STANDARDS

- Maintain collaborative and cooperative relationships with regulators, stakeholders, and neighboring communities
- Make it easy for people to understand OC San's roles and value to the community
- Commitment to safety & reducing risk in all operations

ATTACHMENT
The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

- California Water Quality Monitoring Council Resolution No. 2021-0001
- SWRCB Resolution No. 2021-0049
- Presentation

CALIFORNIA WATER QUALITY MONITORING COUNCIL
RESOLUTION NO. 2021-0001

WASTEWATER-BASED SURVEILLANCE OF COVID-19

WHEREAS:

1. The World Health Organization declared COVID-19 a world health emergency in January 2020, followed shortly thereafter by the United States declaring a public health emergency.

2. Public health officials need accurate and timely information on the spread, movement, and control of the COVID-19 virus.

3. California's research and wastewater utilities quickly demonstrated international leadership in advancing a new approach to prevalence assessment: Wastewater-based epidemiology (WBE) to quantify trends in COVID-19. WBE complements clinical testing and can detect the virus shed by both symptomatic and asymptomatic individuals. WBE also yields information several days and almost two weeks sooner than it takes to collate individual testing and hospitalization records, respectively.

4. California's utilities undertook these efforts at their own expense, partnering with research institutions such as Stanford University, the University of California (UC) at Berkeley, UC Davis, UC San Diego, University of Arizona, Loma Linda University, University of Southern California, the Water Research Foundation, and the Southern California Coastal Water Research Project Authority to implement those efforts. Several utilities initiated these efforts as early as March 2020, with continual participation for the last 18 months. Those early efforts established sampling and analysis protocols subsequently adopted by others and demonstrated to the world that WBE is a valuable tool to inform COVID-19 public health response.

5. The US Department of Health and Human Services subsequently partnered with utilities in two phases of pilot studies to study the logistics of implementing WBE nationally. Eleven California utilities participated in Phase 1 and 25 utilities participated in Phase 2.

6. The California Department of Public Health and the State Water Resources Control Board entered into a formal partnership with the Centers for Disease Control and Prevention in December 2020 in a comprehensive program to further develop the WBE approach. Five California utilities participated in that program, again at their own expense, voluntarily collecting wastewater samples three times a week, analyzing samples according to protocol, submitting data to the Center for Disease Control's National Wastewater Surveillance System (NWSS), and participating in monthly California NWSS Workgroup coordination meetings for the state's pilot wastewater surveillance program. Originally a six-month project, these five utilities continue to participate in the program and make their data available to the public.

7. The California Water Quality Monitoring Council (Council) was formed by CA Senate Bill 1070 (Kehoe, 2006) and is mandated under California Water Code Section 13181 to enhance the effectiveness of California's water quality monitoring systems, with Council

members appointed by the Secretaries of CalEPA and Department of Natural Resources. The Council worked with utilities to help enhance the sampling and analysis protocols for WBE and was impressed by the commitment of California's wastewater utility community to help inform management of this public health crisis.

NOW THEREFORE BE IT RESOLVED THAT:

The California Water Quality Monitoring Council (Council) formally recognizes and extends its profound appreciation for the efforts of the utilities below to develop and implement wastewater monitoring that informs responses to the COVID-19 pandemic and protects the health of Californians.

Utilities that were early trendsetters in implementing wastewater-based epidemiology prior to the formal development of State and Federal programs and who have maintained sampling for more than a year:

- East Bay Municipal Utilities District
- Orange County Sanitation District
- Los Angeles County Sanitation Districts
- Los Angeles City Sanitation and Environment
- City of San Diego Public Utilities
- San Francisco Public Utilities Commission
- City of Gilroy
- City of Davis
- Silicon Valley Clean Water
- City of Palo Alto Regional Water Quality Control Plant
- San Jose-Santa Clara Regional Wastewater Facility
- Sacramento Regional County Sanitation District
- City of Sunnyvale
- City of San Bernardino Water Reclamation Facility
- Sanitary District No.5 of Marin County
- Central Marin Sanitation Agency
- Las Gallinas Valley Sanitary District
- Sausalito-Marin City Sanitary District
- Sewerage Agency of Southern Marin
- Novato Sanitary District
- Central Contra Costa Sanitary District
- Delta Diablo Sanitary District
- West County Water District
- City of Yountville
- City of American Canyon
- Union Sanitary District
- City of Vacaville
- Lake County Sanitation District
- South Orange County Wastewater Authority
- Oro Loma Sanitary District
- Las Vírgenes Municipal Water District

- Mariposa Public Utility District

Utilities that participated in the Center for Disease Control's National Wastewater Surveillance System program in cooperation with the State Water Quality Control Boards:

- Los Angeles County Sanitation Districts
- Los Angeles Sanitation and Environment
- City of San Diego Public Utilities
- Orange County Sanitation District
- San Francisco Public Utilities Commission

Utilities that participated in the US Health and Human Services national monitoring pilot program:

- East Bay Municipal Utilities District
- Orange County Sanitation District
- Los Angeles County Sanitation Districts
- Los Angeles City Sanitation and Environment
- City of San Diego Public Utilities
- San Francisco Public Utilities Commission
- Sacramento Regional Wastewater Treatment Plant
- Central Contra Costa Sanitary District
- Encina Water Pollution Control Facility
- Oxnard Wastewater Treatment Plant
- Silicon Valley Clean Water
- City of San Mateo Wastewater Treatment Plant
- Laguna Niguel Regional Treatment Plant
- City of San Luis Obispo Water Resource Recovery Facility
- Delta Diablo
- Las Virgenes Municipal Water District
- Carmel Area Wastewater District
- City of Eureka
- City of Fresno
- Valley Sanitary District
- City of Lincoln Wastewater Plant
- City of Lompoc WWTP
- City of Oxnard
- City of Paso Robles
- City of Redlands
- San Elijo JPA
- City of Santa Barbara
- City of Santa Cruz
- City of Santa Rosa
- City of Watsonville WWTF
- City of San Bernardino Municipal Water Department
- Sewer Authority Mid-Coastside

CERTIFICATION:

The undersigned Co-Chairs of the Council do hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the California Water Quality Monitoring Council held on November 10, 2021.

AYE:	Co-Chair Karen Mogus
	Co-Chair (alternate) Chad Dibble
	Council Member Grant Sharp
	Council Member (alternate) Mark Cady
	Council Member Helen Fitanides
	Council Member Ray Heimstra
	Council Member Steve Weisberg
NAY:	None
ABSENT:	Drinking Water Council Member
	Regulated Community – POTWs Council Member
ABSTAIN:	Council Member Peter Vroom

Karen Mogus
Co-Chair representing CalEPA

Mark Gold
Co-Chair representing CNRA

STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 2021-0049

RECOGNIZING WASTEWATER TREATMENT UTILITIES' VOLUNTARY CONTRIBUTIONS TO MONITORING FOR COVID-19 IN WASTEWATER

WHEREAS:

1. The World Health Organization declared COVID-19 a world health emergency in January 2020, followed shortly thereafter by the United States declaring a public health emergency.

2. Public health officials need accurate and timely information on the spread, movement, and control of the COVID-19 virus.

3. California's research institutions and wastewater utilities quickly demonstrated international leadership in advancing a new approach to prevalence assessment: Wastewater-based epidemiology (WBE) to quantify trends in COVID-19. WBE complements clinical testing and can detect the virus shed by both symptomatic and asymptomatic individuals. WBE also yields information several days sooner than it takes to collate individual testing and hospitalization records, respectively.

4. California's wastewater utilities undertook these efforts at their own expense, partnering with research institutions such as Stanford University, the University of California (UC) at Berkeley, UC Davis, UC San Diego, University of Arizona, Loma Linda University, University of Southern California, the Water Research Foundation, and the Southern California Coastal Water Research Project Authority to implement those efforts. Several utilities initiated these efforts as early as March 2020, with continual participation for the last 18 months. Those early efforts established sampling and analysis protocols subsequently adopted by others and demonstrated to the world that WBE is a valuable tool to inform COVID-19 public health response.

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(NWSS), and participating in monthly California NWSS Workgroup coordination meetings for the state's pilot wastewater surveillance program. Originally a six-month project, these five utilities continue to participate in the program and make their data available to the public.

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- City of American Canyon
- Union Sanitary District
- City of Vacaville
- Lake County Sanitation District
- South Orange County Wastewater Authority
- Oro Loma Sanitary District
- Las Virgenes Municipal Water District
- Mariposa Public Utility District

8. Utilities that participated in the Center for Disease Control's National Wastewater Surveillance System program in cooperation with the State Water Quality Control Boards:

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- San Elijo JPA
- City of Santa Barbara
- City of Santa Cruz
- City of Santa Rosa
- City of Watsonville WWTF
- City of San Bernardino Municipal Water Department
- Sewer Authority Mid-Coastside

THEREFORE BE IT RESOLVED THAT:

The State Water Resources Control Board formally recognizes and extends its profound appreciation for the voluntary efforts and expenditures the aforementioned utilities have contributed to the development and implementation of wastewater monitoring to inform responses to the COVID-19 pandemic to protect the health of Californians.

CERTIFICATION

The undersigned Clerk to the Board does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on November 16, 2021.

AYE:	Chair E. Joaquin Esquivel Vice Chair Dorene D'Adamo Board Member Sean Maguire Board Member Laurel Firestone Board Member Nichole Morgan
NAY:	None
ABSENT:	None
ABSTAIN:	None

Jeanine Townsend

Jeanine Townsend
Clerk to the Board

Update on OC San's COVID-19 Sewage Surveillance Efforts

Samuel Choi, Lab and Ocean Monitoring Manager, Environmental Services Department

Prepared for Administration Committee

2/9/2022

OC SAN
ORANGE COUNTY SANITATION DISTRICT

1

Presentation

- Introduction to sewage surveillance
- OC San, SWRCB/CDPH, and CDC efforts
- Next steps
- Acknowledgement

2

2

Sewage Surveillance

What is sewage surveillance (WBE)?

- Measure microbiological markers in wastewater
  - Community-level infection
  - Augment clinical surveillance
  - Inform on public health interventions

How is it used during COVID-19?

- SARS-CoV-2 markers shed in feces (symptomatic/asymptomatic)
- Early and unbiased indicator of changes in community infection
- Variant detection

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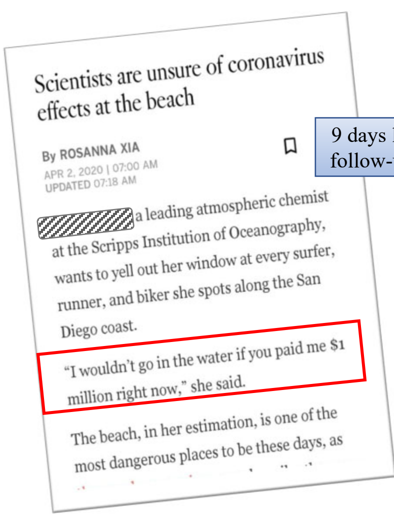
Early Days – A lot of Unknowns


Scientists are unsure of coronavirus effects at the beach

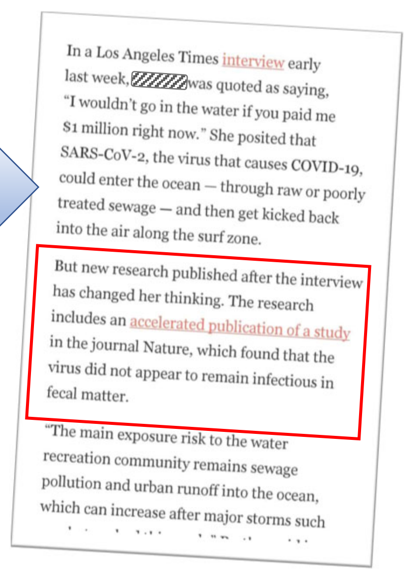
By ROSANNA XIA
APR 2, 2020 | 07:00 AM
UPDATED 07:18 AM

[redacted] a leading atmospheric chemist at the Scripps Institution of Oceanography, wants to yell out her window at every surfer, runner, and biker she spots along the San Diego coast.

"I wouldn't go in the water if you paid me $1 million right now," she said.

The beach, in her estimation, is one of the most dangerous places to be these days, as

9 days later, in a follow-up article


In a Los Angeles Times interview early last week, [redacted] was quoted as saying, "I wouldn't go in the water if you paid me $1 million right now." She posited that SARS-CoV-2, the virus that causes COVID-19, could enter the ocean — through raw or poorly treated sewage — and then get kicked back into the air along the surf zone.

But new research published after the interview has changed her thinking. The research includes an accelerated publication of a study in the journal Nature, which found that the virus did not appear to remain infectious in fecal matter.

"The main exposure risk to the water recreation community remains sewage pollution and urban runoff into the ocean, which can increase after major storms such

4

4

Wait or Innovate?

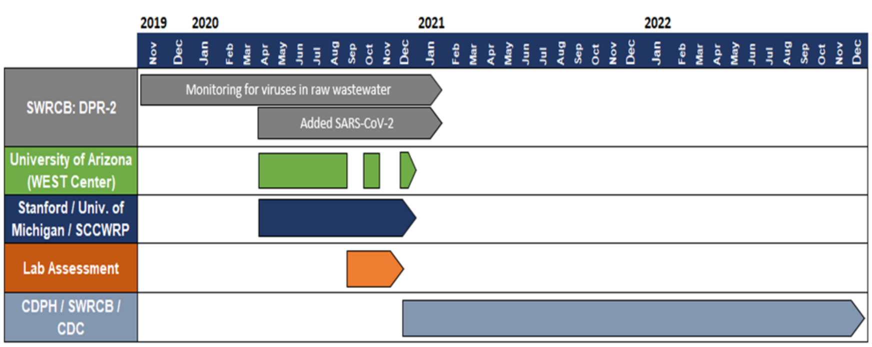
- Lessons from prior wastewater surveillance efforts
- Obtain expert advice
- Establish current and future use cases
- Sustainable field and laboratory resources
- Criteria for collaboration

5

5

OC San Efforts

- Started with 4 partners and narrowed down to lab that met our needs
- Current partnership with CDPH and SWRCB to support CDC NWSS

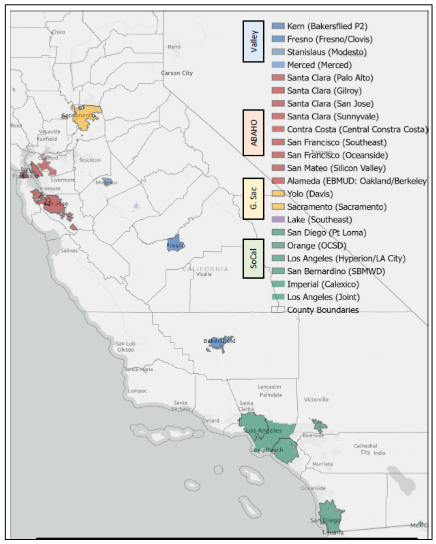


6

6

California and National Efforts

- California NWSS
  - Part of CDC's NWSS
  - Began 12/2020 with 5 largest wastewater agencies
  - Currently includes 22 agencies
- Monitor sewage for SARS-CoV-2 marker and variants
- Data transmitted to CDC NWSS portal



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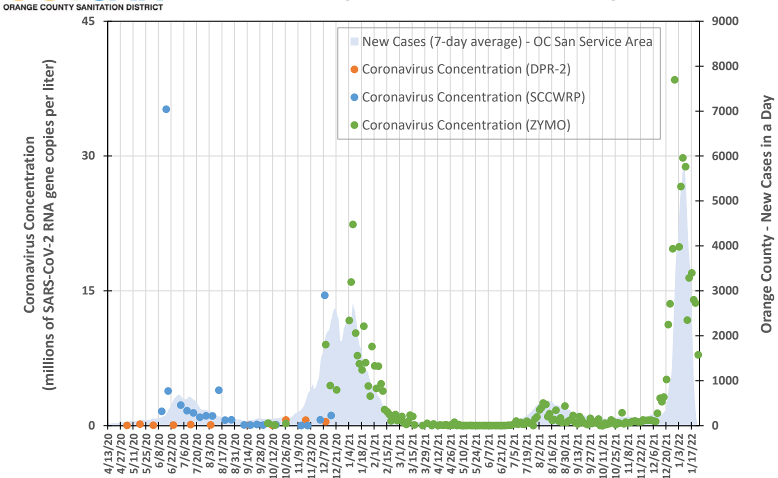
OC San Sewage Surveillance

OC SAN ORANGE COUNTY SANITATION DISTRICT

Coronavirus in Sewage at OC San Plant 1 (Data through 1/25/2022)



Notes: For recent dates, new case numbers are preliminary. Non-detect results are not shown on graph.

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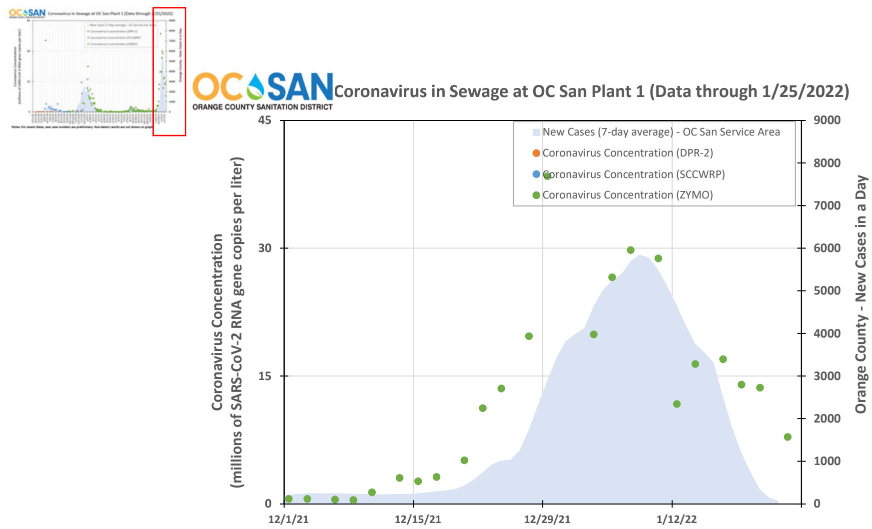
OC San Sewage Surveillance



Notes: For recent dates, new case numbers are preliminary. Non-detect results are not shown on graph.

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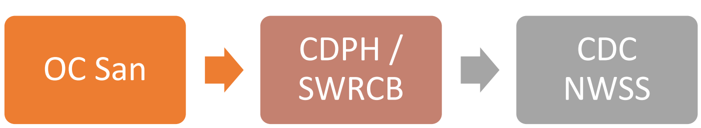
Looking Ahead

- Continue to partner with CDPH and SWRCB to support CDC NWSS
  - Test sewage 3x/week through December 2022
  - Continue surveillance and add variant monitoring



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Statewide Recognition for OC San

STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 2021-0049

RECOGNIZING WASTEWATER TREATMENT UTILITIES' VOLUNTARY CONTRIBUTIONS TO MONITORING FOR COVID-19 IN WASTEWATER

WATER QUALITY MONITORING COUNCIL

CALIFORNIA WATER QUALITY MONITORING COUNCIL
RESOLUTION NO. 2021-0001

WASTEWATER-BASED SURVEILLANCE OF COVID-19

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Acknowledgements

- Margil Jimenez –Scientist
- Jennifer Cabral – Administration Manager
- Management
- Partners

California Department of PublicHealth
California Water Boards
ZYMO RESEARCH The Beauty of Science is to Make Things Simple
SCCWRP Established 1969
Trussell TECHNOLOGIES INC
CDC U.S. Department of Health and Human Services Centers for Disease Control and Prevention
CASA
Research, Innovation & Impact Water & Energy Sustainable Technology Center

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Questions

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ORANGE COUNTY SANITATION DISTRICT
COMMON ACRONYMS

ACWA	Association of California Water Agencies	**LOS**	Level Of Service	**RFP**	Request For Proposal
APWA	American Public Works Association	**MGD**	Million Gallons Per Day	**RWQCB**	Regional Water Quality Control Board
AQMD	Air Quality Management District	**MOU**	Memorandum of Understanding	**SARFPA**	Santa Ana River Flood Protection Agency
ASCE	American Society of Civil Engineers	**NACWA**	National Association of Clean Water Agencies	**SARI**	Santa Ana River Interceptor
BOD	Biochemical Oxygen Demand	**NEPA**	National Environmental Policy Act	**SARWQCB**	Santa Ana Regional Water Quality Control Board
CARB	California Air Resources Board	**NGOs**	Non-Governmental Organizations	**SAWPA**	Santa Ana Watershed Project Authority
CASA	California Association of Sanitation Agencies	**NPDES**	National Pollutant Discharge Elimination System	**SCADA**	Supervisory Control And Data Acquisition
CCTV	Closed Circuit Television	**NWRI**	National Water Research Institute	**SCAP**	Southern California Alliance of Publicly Owned Treatment Works
CEQA	California Environmental Quality Act	**O & M**	Operations & Maintenance	**SCAQMD**	South Coast Air Quality Management District
CIP	Capital Improvement Program	**OCCOG**	Orange County Council of Governments	**SOCWA**	South Orange County Wastewater Authority
CRWQCB	California Regional Water Quality Control Board	**OCHCA**	Orange County Health Care Agency	**SRF**	Clean Water State Revolving Fund
CWA	Clean Water Act	**OCSD**	Orange County Sanitation District	**SSMP**	Sewer System Management Plan
CWEA	California Water Environment Association	**OCWD**	Orange County Water District	**SSO**	Sanitary Sewer Overflow
EIR	Environmental Impact Report	**OOBS**	Ocean Outfall Booster Station	**SWRCB**	State Water Resources Control Board
EMT	Executive Management Team	**OSHA**	Occupational Safety and Health Administration	**TDS**	Total Dissolved Solids
EPA	US Environmental Protection Agency	**PCSA**	Professional Consultant/Construction Services Agreement	**TMDL**	Total Maximum Daily Load
FOG	Fats, Oils, and Grease	**PDSA**	Professional Design Services Agreement	**TSS**	Total Suspended Solids
gpd	gallons per day	**PFAS**	Per- and Polyfluoroalkyl Substances	**WDR**	Waste Discharge Requirements
GWRS	Groundwater Replenishment System	**PFOA**	Perfluorooctanoic Acid	**WEF**	Water Environment Federation
ICS	Incident Command System	**PFOS**	Perfluorooctanesulfonic Acid	**WERF**	Water Environment & Reuse Foundation
IERP	Integrated Emergency Response Plan	**POTW**	Publicly Owned Treatment Works	**WIFIA**	Water Infrastructure Finance and Innovation Act
JPA	Joint Powers Authority	**ppm**	parts per million	**WIIN**	Water Infrastructure Improvements for the Nation Act
LAFCO	Local Agency Formation Commission	**PSA**	Professional Services Agreement	**WRDA**	Water Resources Development Act

ORANGE COUNTY SANITATION DISTRICT
GLOSSARY OF TERMS

ACTIVATED SLUDGE PROCESS – A secondary biological wastewater treatment process where bacteria reproduce at a high rate with the introduction of excess air or oxygen and consume dissolved nutrients in the wastewater.

BENTHOS – The community of organisms, such as sea stars, worms, and shrimp, which live on, in, or near the seabed, also known as the benthic zone.

BIOCHEMICAL OXYGEN DEMAND (BOD) – The amount of oxygen used when organic matter undergoes decomposition by microorganisms. Testing for BOD is done to assess the amount of organic matter in water.

BIOGAS – A gas that is produced by the action of anaerobic bacteria on organic waste matter in a digester tank that can be used as a fuel.

BIOSOLIDS – Biosolids are nutrient rich organic and highly treated solid materials produced by the wastewater treatment process. This high-quality product can be recycled as a soil amendment on farmland or further processed as an earth-like product for commercial and home gardens to improve and maintain fertile soil and stimulate plant growth.

CAPITAL IMPROVEMENT PROGRAM (CIP) – Projects for repair, rehabilitation, and replacement of assets. Also includes treatment improvements, additional capacity, and projects for the support facilities.

COLIFORM BACTERIA – A group of bacteria found in the intestines of humans and other animals, but also occasionally found elsewhere, used as indicators of sewage pollution. E. coli are the most common bacteria in wastewater.

COLLECTIONS SYSTEM – In wastewater, it is the system of typically underground pipes that receive and convey sanitary wastewater or storm water.

CERTIFICATE OF PARTICIPATION (COP) – A type of financing where an investor purchases a share of the lease revenues of a program rather than the bond being secured by those revenues.

CONTAMINANTS OF POTENTIAL CONCERN (CPC) – Pharmaceuticals, hormones, and other organic wastewater contaminants.

DILUTION TO THRESHOLD (D/T) – The dilution at which the majority of people detect the odor becomes the D/T for that air sample.

GREENHOUSE GASES (GHG) – In the order of relative abundance water vapor, carbon dioxide, methane, nitrous oxide, and ozone gases that are considered the cause of global warming (“greenhouse effect”).

GROUNDWATER REPLENISHMENT SYSTEM (GWRS) – A joint water reclamation project that proactively responds to Southern California’s current and future water needs. This joint project between the Orange County Water District and OCSD provides 70 million gallons per day of drinking quality water to replenish the local groundwater supply.

LEVEL OF SERVICE (LOS) – Goals to support environmental and public expectations for performance.

N-NITROSODIMETHYLAMINE (NDMA) – A N-nitrosamine suspected cancer-causing agent. It has been found in the GWRS process and is eliminated using hydrogen peroxide with extra ultra-violet treatment.

NATIONAL BIOSOLIDS PARTNERSHIP (NBP) – An alliance of the NACWA and WEF, with advisory support from the EPA. NBP is committed to developing and advancing environmentally sound and sustainable biosolids management practices that go beyond regulatory compliance and promote public participation to enhance the credibility of local agency biosolids programs and improved communications that lead to public acceptance.

PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) – A large group (over 6,000) of human-made compounds that are resistant to heat, water, and oil and used for a variety of applications including firefighting foam, stain and water-resistant clothing, cosmetics, and food packaging. Two PFAS compounds, perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) have been the focus of increasing regulatory scrutiny in drinking water and may result in adverse health effects including developmental effects to fetuses during pregnancy, cancer, liver damage, immunosuppression, thyroid effects, and other effects.

PERFLUOROOCTANOIC ACID (PFOA) – An ingredient for several industrial applications including carpeting, upholstery, apparel, floor wax, textiles, sealants, food packaging, and cookware (Teflon).

PERFLUOROOCTANESULFONIC ACID (PFOS) – A key ingredient in Scotchgard, a fabric protector made by 3M, and used in numerous stain repellents.

PLUME – A visible or measurable concentration of discharge from a stationary source or fixed facility.

PUBLICLY OWNED TREATMENT WORKS (POTW) – A municipal wastewater treatment plant.

SANTA ANA RIVER INTERCEPTOR (SARI) LINE – A regional brine line designed to convey 30 million gallons per day of non-reclaimable wastewater from the upper Santa Ana River basin to the ocean for disposal, after treatment.

SANITARY SEWER – Separate sewer systems specifically for the carrying of domestic and industrial wastewater.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) – Regional regulatory agency that develops plans and regulations designed to achieve public health standards by reducing emissions from business and industry.

SECONDARY TREATMENT – Biological wastewater treatment, particularly the activated sludge process, where bacteria and other microorganisms consume dissolved nutrients in wastewater.

SLUDGE – Untreated solid material created by the treatment of wastewater.

TOTAL SUSPENDED SOLIDS (TSS) – The amount of solids floating and in suspension in wastewater.

TRICKLING FILTER – A biological secondary treatment process in which bacteria and other microorganisms, growing as slime on the surface of rocks or plastic media, consume nutrients in wastewater as it trickles over them.

URBAN RUNOFF – Water from city streets and domestic properties that carry pollutants into the storm drains, rivers, lakes, and oceans.

WASTEWATER – Any water that enters the sanitary sewer.

WATERSHED – A land area from which water drains to a particular water body. OCSD’s service area is in the Santa Ana River Watershed.