

# Vallejo Flood and Wastewater District



## Regular Meeting Agenda

Tuesday, June 11, 2024  
6:00 PM

City of Vallejo Council Chambers  
555 Santa Clara Street  
Vallejo, CA 94590

### Board of Trustees

*President Robert McConnell*

*Trustee Tina Arriola*

*Trustee Peter Bregenzer*

*Trustee Erin Hannigan*

*Vice President Mina Loera-Diaz*

*Trustee Diosdado "JR" Matulac*

*Trustee Charles Palmares*

*Trustee Rozzana Verder-Aliga*

**NOTE: IF THE MEETING HAS NOT BEGUN AT 6:00 PM, IT MAY BE DUE TO THE VALLEJO CITY COUNCIL MEETING BEING IN SESSION PAST 6:00 PM, AND THIS REGULAR MEETING WILL BEGIN FOLLOWING THAT MEETING'S ADJOURNMENT.**

Members of the public will be able to participate in-person or remotely via Zoom.

Members of the public interested in participating or observing the regular meeting remotely can join the Zoom webinar: <https://ZoomRegular.CityOfVallejo.net>

The meeting may also be viewed on Comcast Channel 28, or via the [District's live stream link](#).

**PUBLIC COMMENT:** Members of the Public may provide public comments during the Board Meeting in person, via [Zoom](#), via phone by dialing (669) 900-6833, or via email. For additional instructions on how to provide public comment, please visit the [District's Public Comment page](#).

Members of the public shall have the opportunity to comment on any item listed on this notice before or during consideration of that item by emailing as defined above. No other items may be discussed during this meeting.

The District will use its best efforts to respond to any requests for disability-related modifications or accommodations, aids or services. Such requests should be made to the Clerk of the Board's office no less than 48 hours prior to the meeting as required by Section 202 of the Americans with Disabilities Act of 1990 and the federal rules and regulations adopted in implementation thereof. Please contact our office at (707) 644-8949.

Any writings or documents related to an agenda item for the open session of this meeting are available for public inspection on our website at [www.vallejowastewater.org](http://www.vallejowastewater.org) or at the District offices located at 450 Ryder Street, Vallejo, CA 94590. Note: Meetings are held at City Hall and not at the District's offices.

1. **CALL TO ORDER**
  2. **ROLL CALL AND PLEDGE OF ALLEGIANCE**
  3. **COMMENTS ON CONSENT CALENDAR BY MEMBERS OF THE PUBLIC:** Members of the public wishing to address the Board on Consent Calendar Items are requested to follow the procedures noted [here](#). Each speaker is limited to five minutes. Requests for removal of Consent Items received from the public are subject to approval by a majority vote of the Board of Trustees. Items removed from the Consent Calendar will be heard immediately after approval of the Consent Calendar and Agenda.
  4. **CONSENT CALENDAR AND APPROVAL OF AGENDA:** All matters are approved under one motion unless requested to be removed for discussion by the Board, General Manager, or requested for removal by a member of the public, which requires approval by a majority vote of the Board.
    - A. Approval of Minutes  
  
RECOMMENDATION  
Approve minutes from the Board of Trustees regular meeting held May 14, 2024.
    - B. Disbursement of Register  
  
RECOMMENDATION  
Adopt a resolution approving the Disbursements Register for June 11, 2024.
    - C. Investment Program  
  
RECOMMENDATION  
Adopt a resolution delegating management responsibility for the Investment Program to the District Treasurer for Fiscal Year 2024-25 and adopting revised Investment Policy Guidelines.
    - D. Monthly Investment Report  
  
RECOMMENDATION  
Receive and file the Monthly Investment Report for April 2024.
    - E. Mare Island Update  
  
RECOMMENDATION  
Receive and file information updates on Mare Island – May 2024.
  5. **PUBLIC HEARING**
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**6. ADMINISTRATIVE ITEMS**

- A. FY 2024-25 Rate Schedule and Overview of Proposed Capacity Charge Studies

**RECOMMENDATION**

Receive information on updated Capacity Charge Studies and adopt a resolution approving the Fiscal Year (FY) 2024-25 Schedule of Rates and Charges implementing previously authorized 2024-25 service charges and other fees.

- B. Approval of Assistant General Manager Position

**RECOMMENDATION**

Authorize the General Manager to establish an Assistant General Manager position.

- C. Board of Trustees Composition

**RECOMMENDATION**

Discussion and possible action on the composition of the Board of Trustees.

- D. Mid-Cycle Update on Two-Year (FY24 & FY25) Capital Improvement Program.

**RECOMMENDATION**

Receive and file presentation on Mid-Cycle Update on Two-Year (FY24 & FY25) Capital Improvement Program.

**7. GENERAL MANAGER'S REPORT**

- 8. COMMUNITY FORUM:** *Anyone wishing to address the Board on any matter for which another opportunity to speak is not provided on the agenda and which is within the jurisdiction of the Board to resolve may follow the procedures noted [here](#). Pursuant to VFWD Rules of Procedure, Community Forum is limited to 15 minutes, with each speaker limited to three minutes.*

**9. REPORTS BY PRESIDING OFFICERS AND TRUSTEES****10. ADJOURNMENT**

I, EDUARDO CASTILLO GOMEZ, Clerk of the Board for the Vallejo Flood and Wastewater District, declare that the foregoing agenda for the June 11, 2024, Regular Meeting was posted and available for review by the required time as prescribed by law at the District office located at 450 Ryder Street, Vallejo, California. This agenda is also available electronically on the District website at [www.vallejowastewater.org](http://www.vallejowastewater.org).

# Vallejo Flood and Wastewater District



## Regular Meeting Minutes

Tuesday, May 14, 2024  
6:00 PM

City of Vallejo Council Chambers  
555 Santa Clara Street  
Vallejo, CA 94590

## Board of Trustees

*President Robert McConnell*  
*Trustee Tina Arriola*  
*Trustee Peter Bregenzer*  
*Trustee Erin Hannigan*  
*Vice President Mina Loera-Diaz*  
*Trustee Diosdado "JR" Matulac*  
*Trustee Charles Palmares*  
*Trustee Rozzana Verder-Aliga*

**1. CALL TO ORDER**

President McConnell called the meeting to order at approximately 6:00 p.m.

**2. ROLL CALL AND PLEDGE OF ALLEGIANCE**

**Present:** President McConnell, Trustee Arriola, Trustee Bregenzer, Vice-President Loera-Diaz, Trustee Matulac, Trustee Palmares, Trustee Verder-Aliga

**Absent:** Trustee Hannigan

The pledge of allegiance was held.

**3. COMMENTS ON CONSENT CALENDAR BY MEMBERS OF THE PUBLIC**

The following individual provided in-person public comment: Drew Lynskey.

**4. CONSENT CALENDAR AND APPROVAL OF AGENDA**

President McConnell announced an amendment to the agenda. Consent Calendar item 4C – Approval of Assistant General Manager Position, will be pulled from Consent for further discussion and Administrative Item 5A - Presentation on Mid-Cycle Update CIP, will be continued at a future Board meeting to be determined.

A motion was made by Vice President Loera-Diaz to approve the Consent Calendar and the Agenda as amended. The motion carried by the following vote:

**AYES:** President McConnell, Trustee Arriola, Trustee Bregenzer, Vice President Loera-Diaz, Trustee Matulac, Trustee Palmares, and Trustee Verder-Aliga.

**NOES:** None

**ABSTAIN:** None

**ABSENT:** Trustee Hannigan

**A. Approval of Minutes****RECOMMENDATION**

Approve minutes from the Board of Trustees regular meeting held April 9, 2024.

**ACTION TAKEN**

Minutes approved.

**B. Disbursement of Register****RECOMMENDATION**

Adopt a resolution approving the Disbursements Register for May 14, 2024.

**ACTION TAKEN**

Adopted as Resolution Number 2024-6114.

C. Approval of Assistant General Manager Position

RECOMMENDATION

Authorize the General Manager to establish an Assistant General Manager position.

ACTION TAKEN

Pulled from Consent Calendar.

After further discussion, the Board directed staff to bring the item back for consideration at the June Board meeting and present a complete analysis of the benefits and impacts of creating this position with other staffing needs.

A motion was made by President McConnell to continue the item to the Board of Trustee meeting to be held on Tuesday, June 11, 2024. The motion carried by the following vote:

**AYES:** President McConnell, Trustee Arriola, Trustee Bregenzer, Vice President Loera-Diaz, Trustee Matulac, Trustee Palmares, and Trustee Verder-Aliga.

**NOES:** None

**ABSTAIN:** None

**ABSENT:** Trustee Hannigan

D. Update to Revenue and Accounts Receivable Policy – Delegation of Authority to Write-Off Up to \$1,000 of Bad Debt Per Account

RECOMMENDATION

Adopt Revised Revenue and Accounts Receivable Policy.

ACTION TAKEN

Adopted the Revised Revenue and Accounts Receivable Policy.

E. Third Quarter Budget to Actual Report

RECOMMENDATION

Receive and file third quarter budget to actual report for Fiscal Year (FY) 2023-2024.

ACTION TAKEN

Received and filed third quarter budget to actual report for Fiscal Year (FY) 2023-2024.

## F. Monthly Investment Report

RECOMMENDATION

Receive and file the Monthly Investment Report for March 2024.

ACTION TAKEN

Received and filed the Monthly Investment Report for March 2024.

## G. Mare Island Update

RECOMMENDATION

Receive and file information updates on Mare Island – May 2024.

ACTION TAKEN

Received and filed information updates on Mare Island – May 2024.

**5. ADMINISTRATIVE ITEMS**

## A. Presentation on Mid-Cycle Update CIP

RECOMMENDATION

Receive and file presentation on Mid-Cycle Update on Two-Year (FY24 & FY25) Capital Improvement Program.

ACTION TAKEN

The item was continued to a future Board of Trustees meeting to be determined.

**6. GENERAL MANAGER'S REPORT**

Mark Tomko, General Manager, announced the District sent a letter to the Regional Water Quality Control Board regarding the tentative order regulating nutrients to support BACWA – Bay Area Clean Water Agencies position and added information on the impact on the Vallejo community balancing other needs and regulations and also requesting a longer timeline than 10 years.

He also shared the District sent a letter in support of Assembly Bill 2257 that authorizes public agencies to adopt procedures for the submittal and consideration of public comments regarding proposed sewer rates. This will help to eliminate future lawsuits filed after the public notice and comment period if the concern was not raised as part of the Prop 218 process.

The District also sent a letter to US Senators Tom Carper and Shelley Moore Capito, they are the chairman and ranking member of the Committee on Environment and Public Works and a letter to Representative Garamendi requesting an amendment to CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act related to PFAS to protect passive receivers such as wastewater agencies from litigation.

General Manager Tomko announced the District is working with the City of Vallejo on the new Municipal Regional Stormwater NPDES Permit MRP 3.0 to update the Memorandum of Understanding and both agencies shared responsibilities.

Finally, the District will meet with the City next week to continue discussing acquiring 50 Solano and expanding the plant to meet the nutrient removal requirements.

**7. COMMUNITY FORUM**

None.

**8. REPORTS BY PRESIDING OFFICERS AND TRUSTEES**

None.

**9. ADJOURNMENT**

President McConnell adjourned the meeting at 6:37 p.m.

The next regularly scheduled Board of Trustees meeting will be held on Tuesday, June 11, 2024 at 6:00 p.m. in the City of Vallejo Council Chambers located at 555 Santa Clara Street, Vallejo, CA.

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Eddy Castillo Gomez  
Clerk of the Board

Date Approved: June 11, 2024

Vallejo Flood and Wastewater District  
**Resolution Number 2024-**

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE  
VALLEJO FLOOD AND WASTEWATER DISTRICT  
APPROVE THE DISBURSEMENT REGISTER FOR JUNE 11, 2024**

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**Recitals**

- A. The District maintains general checking to facilitate operating cash disbursements;
- B. General checking disbursements must be reported to the Board of Trustees.
- C. Claims as enumerated on the attached Disbursement Register and for the respective amounts set opposite the name of each person or firm total \$1,796,908.48.

**Now, therefore, the Board of Trustees of the Vallejo Flood and Wastewater District resolves as follows:**

- 1. That the report is reviewed and accepted.

**PASSED AND ADOPTED** by the Board of Trustees of the Vallejo Flood and Wastewater District at a regular meeting held on this 11th day of June 2024 by the following vote:

**AYES:**

**NOES:**

**ABSENT:**

**ABSTAIN:**

**WITNESS** my hand and the Seal of the District on this 11th day of June 2024.

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**Eduardo Castillo Gomez**  
Clerk of the Board

VALLEJO FLOOD AND WASTEWATER DISTRICT  
DISBURSEMENTS REGISTER

CHECK DATE	NAME	INVOICE	CHECK NO	INVOICE NET	INVOICE DESCRIPTION
5/3/2024	AAA BUSINESS SUPPLIES	2338891-0	5286	13.59	BPO FY24- Deodorizer, 1.5 gallon
5/3/2024	ALCO IRON & METAL	67131	5287	75.08	BPO FY24- Steel Flat Bar and Steel Angles
5/3/2024	AMAZON CAPITAL SERVICES	1CDJ-4XL6-MXVL	5288	194.95	ITEM: TAVR Furniture Portable Folding Chair with
5/3/2024	AMAZON CAPITAL SERVICES	140Q-6LNR-NQPH	5288	78.11	Cables for NUCs, replacement power strip
5/3/2024	AMAZON CAPITAL SERVICES	13Y6-7GXG-NHYC	5288	21.60	ITEM: International Delight French Vanilla, 192 C
5/3/2024	ARGOS CONSTRUCTION	Payment 05- BPL010	5289	30,990.00	BUILDING 68 REHABILITATION PROJECT, 3/28-4/23/2024
5/3/2024	BOLT STAFFING SERVICE INC	58158	5290	2,169.60	TEMP SERVICES 4/15/24-4/19/24 C HOLGUIN
5/3/2024	CINTAS CORPORATION NO 3	4190053126	5291	1,019.41	LAUNDRY SERVICE
5/3/2024	CITY OF VALLEJO WATER BILLING	04/03/24 14774374352	5292	47.33	14774374352: DOM 3
5/3/2024	CORE & MAIN LP	U722127	5293	1,065.19	CLAYXCI/PVC CPLG STRONGBACK
5/3/2024	DIG DONE RIGHT LLC	1600	5294	28,198.50	Hydro Excavation Cleanup and Fuel Recovery
5/3/2024	DKF SOLUTIONS GROUP LLC	22144	5295	112.50	CalOSHA Training and Consulting FEB 2024
5/3/2024	FEDERAL EXPRESS	8-475-45876	5296	78.02	Shipping Charges- IT
5/3/2024	FEDERAL EXPRESS	8-475-45875	5296	133.61	Shipping Charges- ENV
5/3/2024	W W GRAINGER	9092885921	5297	264.66	BPO FY24- Modular Test Lead Kit
5/3/2024	ISLAND ENERGY	04/09/24	5298	3,999.11	Service Period: 03/1/24-04/01/24
5/3/2024	KIMBALL MIDWEST	102127165	5299	1,002.43	BPO FY24- Nitrile Gloves, Cables, Drills
5/3/2024	MAHONEY'S LITTLE & BIG MAN BACKHOE	1920 Tennessee St	5300	3,850.00	Lower Lateral Replacement
5/3/2024	ROBERT MCKENNA	Reimburse 04/18/2024	5301	334.00	CWEA Elect/Inst Tech, G4, exp 3/31/2025
5/3/2024	MCMASTER-CARR SUPPLY COMPANY	25642080	5302	275.47	Pipe insulation sheet & steel spray nozzle
5/3/2024	MCMASTER-CARR SUPPLY COMPANY	25715577	5302	55.71	BPO FY24- Bushing steel conduit
5/3/2024	MCMASTER-CARR SUPPLY COMPANY	25715677	5302	412.42	BPO FY24- Multidiameter Drills and RTD Wire
5/3/2024	MCMASTER-CARR SUPPLY COMPANY	25728704	5302	101.09	5 Contact Blocks and 5 closed contact blocks
5/3/2024	MOSCHETTI INC	119178	5303	90.00	Coffee for Plant OPS- Meeting
5/3/2024	MOSCHETTI INC	118998	5303	170.76	Coffee for Field OPS
5/3/2024	MOSCHETTI INC	119766	5303	135.00	Coffee for Field OPS
5/3/2024	MOSCHETTI INC	119201	5303	18.00	Coffee for Safety and Risk Dept.
5/3/2024	MOSCHETTI INC	119057	5303	135.00	Coffee for OPS Maintenance
5/3/2024	NAPA VALLEY PETROLEUM INC	819620	5304	24.26	BPO FY24- Propane
5/3/2024	Anthony Romero	1 Balboa Ave	5305	2,954.00	UL Replacement, Two-way and District Cleanout
5/3/2024	MARCO & DINO LENZI, C/O KRYSTLE PROPERTIES	120 LENZI LN	5306	1,350.00	Upper Lateral Replacement and Two-way Cleanout
5/3/2024	PACIFIC GAS & ELECTRIC	0782990870-1: 04/02/	5307	5,721.91	03/14/24-04/14/24
5/3/2024	PACIFIC GAS & ELECTRIC	1449702343-3: 04/11/	5307	264,927.83	03/01/24-03/31/24
5/3/2024	PACIFIC GAS & ELECTRIC	6532590894-8: 04/02/	5307	2,159.08	02/27/24-03/26/24
5/3/2024	PACIFIC GAS & ELECTRIC	7876441979-8: 04/02/	5307	1,695.79	02/27/24-03/26/24
5/3/2024	PACIFIC GAS & ELECTRIC	4959050051-5: 04/29/	5307	1,275.45	03/07/24-04/07/24
5/3/2024	PACIFIC GAS & ELECTRIC	1164740405-9: 04/02/	5307	196.30	02/27/24-03/26/24
5/3/2024	PAN-PACIFIC SUPPLY COMPANY	29615694	5308	1,561.61	BPO FY24- Inner flexible wall, buna
5/3/2024	RAMOS OIL CO	IN-0121791	5309	17,899.00	Fuel
5/3/2024	RAMOS OIL CO	IN-0123236	5309	15,851.41	Fuel
5/3/2024	UNIVAR SOLUTIONS USA INC	52015872	5311	6,616.30	SODIUM BISULFITE 25% BULK
5/3/2024	VISION COMMUNICATIONS	0762705-IN	5312	638.59	Vallejo Flood 6 PD602 Batteries 04052024
5/3/2024	VISION SERVICE PLAN (CA)	820319308	5313	3,333.54	May 2024 Vision Premium
5/3/2024	VULCAN MATERIALS COMPANY	73973631	5314	1,198.22	Asphalt Dump
5/3/2024	VULCAN MATERIALS COMPANY	73976910	5314	578.71	1/2" HMA TYPE A/B PG 64-16, Ton-Agg & Asphalt
5/3/2024	WECO INDUSTRIES LLC	0210053449-IN	5315	5,704.18	CCTV REPAIRS AND MAINTENANCE
5/17/2024	AAA BUSINESS SUPPLIES	2338891-1	5316	254.19	BPO FY24- 1.5 Gallon Deodorizer
5/17/2024	AAA BUSINESS SUPPLIES	2340125-0	5316	276.63	BPO FY24- Pens, cups, Dishwasher pods
5/17/2024	AAA BUSINESS SUPPLIES	2340449-0	5316	43.00	BPO FY24- Battery, 1.5 Volt, Alkaline, QTY24

VALLEJO FLOOD AND WASTEWATER DISTRICT  
DISBURSEMENTS REGISTER

CHECK DATE	NAME	INVOICE	CHECK NO	INVOICE NET	INVOICE DESCRIPTION
5/17/2024	AAA WATER SYSTEMS	380172713	5317	249.00	Testing Water, Check Equipment, Diagnosis & Repair
5/17/2024	ALLIANT INSURANCE SERVICES	2642745	5318	170.00	ALLIANT MOBILE VEHICLE PRGM 1ST QUARTER ENDORSE
5/17/2024	ALPHA MEDIA II LLC	745593-1	5319	200.00	Earth day advertising/ outreach
5/17/2024	AMAZON CAPITAL SERVICES	1R67-LV4H-QRLY	5320	34.95	Cyber Acoustics Speaker System
5/17/2024	AMAZON CAPITAL SERVICES	177F-JHNJ-Q3D1	5320	94.76	Office supplies
5/17/2024	AMAZON CAPITAL SERVICES	1RTJ-QNFC-VYXN	5320	147.30	Propagation Grant 2024 Items, Pole Hangers
5/17/2024	AMAZON CAPITAL SERVICES	1GP9-HJW4-P9CT	5320	19.64	Anker USB C to USB C Cable, New Nylon USB Cable
5/17/2024	AMAZON CAPITAL SERVICES	1NTD-RNTJ-NVFH	5320	60.05	Bulletin Board, White Board and wall Calendar
5/17/2024	AMAZON CAPITAL SERVICES	1RT7-JP16-MQKT	5320	34.95	Cleaning tools- Power washer
5/17/2024	AMAZON CAPITAL SERVICES	1Q6C-FGRC-LTDJ	5320	95.47	ITEM: Road King Economy Dummy SHUTOFF GLADHAND
5/17/2024	AMAZON CAPITAL SERVICES	1KDM-14TD-MPP4	5320	7.89	ITEM: DURABLE VISIFIX & TELINDEX Business Card
5/17/2024	AMAZON CAPITAL SERVICES	1196-WW63-NHRC	5320	19.28	Tea bags 100 count
5/17/2024	AMAZON CAPITAL SERVICES	1PRG-LUF7-XDYW	5320	37.56	Pack of 8 Kleenex boxes
5/17/2024	AMAZON CAPITAL SERVICES	16Q1-XDRK-31XC	5320	589.96	ITEM: Genuine Original P18432-B21 480GB 6G SATA M
5/17/2024	AMAZON CAPITAL SERVICES	1WKL-WJMW-NFTY	5320	76.02	ITEM: [ALL STAR TRUCK PARTS] 3" Inch Round DOT-S
5/17/2024	ARMAS ENGINEERING INC	12039	5321	2,869.88	Modbus troubleshoot/repair
5/17/2024	BELL PRODUCTS INC	228251	5322	922.97	HVAC MAINTENANCE, Routine Service
5/17/2024	BELL PRODUCTS INC	228252	5322	174.00	HVAC MAINTENANCE- Routine Service
5/17/2024	BELL PRODUCTS INC	228253	5322	460.36	HVAC MAINTENANCE- Routine Service
5/17/2024	BELL PRODUCTS INC	228254	5322	202.00	HVAC MAINTENANCE-Routine Service
5/17/2024	BELL PRODUCTS INC	228255	5322	298.00	HVAC MAINTENANCE- Routine Service
5/17/2024	BELL PRODUCTS INC	228281	5322	279.00	HVAC MAINTENANCE-Routine Service
5/17/2024	BELL PRODUCTS INC	228282	5322	993.00	HVAC MAINTENANCE- Routine Service
5/17/2024	BELL PRODUCTS INC	228283	5322	1,249.31	HVAC MAINTENANCE- Routine Service
5/17/2024	BELL PRODUCTS INC	228284	5322	202.00	HVAC MAINTENANCE- Routine Service
5/17/2024	BLAISDELL'S BUSINESS PRODUCTS	1818035-0	5323	819.42	Office Chair for Erika Sheetenhelm
5/17/2024	BOLT STAFFING SERVICE INC	58252	5324	2,684.88	Temp Svcs 4/22/24-4/26/24 - C.Holguin Accountant
5/17/2024	BOLT STAFFING SERVICE INC	58341	5324	2,712.00	Temp Services 4/29/24-5/03/24 Accountant C.Holguin
5/17/2024	BORGES & MAHONEY	145170	5325	1,937.82	Electrolyte Set, Motor 2 and Prev Maint Kit
5/17/2024	DENNIS C BURGESS	MAY 2024 AGR 2007	5326	84.64	Medical Premium Reimb May 2024 Agr 2007
5/17/2024	CALIFORNIA CAD SOLUTIONS	701716	5327	6,375.00	Misc Project Work Completed April 2024
5/17/2024	CDW GOVERNMENT INC	QX60469	5328	9,986.00	IGEL renewal, see attached quote + email
5/17/2024	CHANDLER ASSET MANAGEMENT INC	2404VFWD	5329	1,970.25	Investment Management Services April 2024
5/17/2024	CINTAS CORPORATION NO 3	4190792882	5330	1,019.41	LAUNDRY SERVICE
5/17/2024	CINTAS CORPORATION NO 3	4191486390	5330	1,108.09	LAUNDRY SERVICE
5/17/2024	CINTAS CORPORATION NO 2	5209829556	5331	498.82	FIRST AID SUPPLIES RESTOCK
5/17/2024	COMCAST	04242024	5333	400.04	04/29/24-05/28/24 Acct# 8155 30 024 1165646
5/17/2024	ENS RESOURCES INC	3569	5334	5,000.00	Consulting Services- April 2024
5/17/2024	ENTERPRISE FLEET MANAGEMENT	FOT169429	5335	1,155.12	Lease/Maint
5/17/2024	ENTERPRISE FLEET MANAGEMENT	FMR0198713	5335	11,332.03	Lease
5/17/2024	EOA INC	VFW012-0224	5336	18,133.55	Stormwater Mgmt and Reporting 02/01/24-02/29/24
5/17/2024	EOA INC	VFW012-0324	5336	3,953.29	Stormwater Mgmt and Reporting 03/01/24-03/31/24
5/17/2024	EZ TREE INC	109395	5337	1,000.00	TREE SERVICES Emergency Svcs - 2 man crew
5/17/2024	EZ TREE INC	109387	5337	2,500.00	Shrub removal inside of treatment plant
5/17/2024	FLYERS ENERGY LLC	24-079418	5338	1,560.70	BPO FY24- Fuel, Flyers AW 68 and DEF
5/17/2024	GOLDEN GATE TRANS. INC.	14283	5339	1,056.00	LOAD FROM 45 SOLANO TO 2100 CA 37 PETALUMA FUEL
5/17/2024	W W GRAINGER	9094745206	5340	1,169.66	BPO FY24- Safety Switch and Fuse Classes
5/17/2024	W W GRAINGER	9099623457	5340	86.88	BPO FY24- CIRCUIT PROTECTOR
5/17/2024	W W GRAINGER	9100624742	5340	434.29	BPO FY24- Float Switch, Cable Weight

VALLEJO FLOOD AND WASTEWATER DISTRICT  
DISBURSEMENTS REGISTER

CHECK DATE	NAME	INVOICE	CHECK NO	INVOICE NET	INVOICE DESCRIPTION
5/17/2024	W W GRAINGER	9101722669	5340	42.89	BPO FY24- POLYMER CAULKING COMPOUND
5/17/2024	W W GRAINGER	9101960632	5340	67.19	BPO FY24- FUSE,CLASS RK5,20A
5/17/2024	W W GRAINGER	9101960640	5340	474.08	BPO FY24-EXTENSION LADDER,ALUMINUM,28 FT
5/17/2024	HACH COMPANY	13987008	5341	1,139.48	Agar Plates, PK/15
5/17/2024	HACH COMPANY	13984819	5341	352.89	NITRIFICATION INHIBITOR 500G
5/17/2024	HANSON BRIDGETT LLP	1374955	5342	13,143.55	Professional Legal Services - Real Estate
5/17/2024	HANSON BRIDGETT LLP	1374956	5342	10,500.00	LEGAL SERVICES RENDERED THROUGH MARCH 31, 2024
5/17/2024	INDUSTRIAL SCIENTIFIC CORP	2727593	5343	3,319.39	iNet GAS MONITORING SUB- MONTH OF APRIL 2024
5/17/2024	INFOR PUBLIC SECTOR INC	P - 8183-US06A	5344	38,988.13	Infor Public Sector Suite 8/1/24-7/31/25
5/17/2024	INLAND BUSINESS SYSTEMS	IN4130980	5345	45.81	Photocopier Maintenance 04/28/24-05/27/24
5/17/2024	INLAND BUSINESS SYSTEMS	IN4130981	5345	279.61	CONTRACT BASE OVERAGE 04/30/24-05/29/24
5/17/2024	ISLAND ENERGY	201357001 4/9/24	5346	135.00	Acct 201357001 3/1/24-4/1/24
5/17/2024	JOE A. GONSALVES & SONS	161558	5347	4,000.00	May Consulting Services
5/17/2024	KIMBALL MIDWEST	102156907	5348	1,033.10	Cryo-glen Drills, Clamps, jumbo roll towels
5/17/2024	KIMBALL MIDWEST	102157451	5348	2,818.14	10PC Drill Set, Knot Wire Wheel, Cables
5/17/2024	LINDE GAS & EQUIPMENT INC	42427121	5349	20.77	BPO FY24-IND HIGH PRESSURE
5/17/2024	LINDE GAS & EQUIPMENT INC	42557241	5349	299.89	BPO FY24- ACETYLENE B and SILV BRAZ
5/17/2024	LIPPINCOTT SUPPLY CO	272800	5350	182.51	BPO FY24- Lock Washers and Hex Nuts
5/17/2024	MAHONEY'S LITTLE & BIG MAN BACKHOE	659 Henry St.	5351	2,239.00	Lower Lateral Replacement
5/17/2024	MAHONEY'S LITTLE & BIG MAN BACKHOE	1625 Marin St	5351	3,250.00	Lower Lateral Replacement
5/17/2024	MCMASTER-CARR SUPPLY COMPANY	26109811	5352	246.89	BPO FY24-Clamps, Pipes, Fiberglass Submersible
5/17/2024	MCMASTER-CARR SUPPLY COMPANY	26149883	5352	395.04	BPO FY24- Load-Rated Threaded Bumper
5/17/2024	MCMASTER-CARR SUPPLY COMPANY	26333217	5352	135.43	BPO FY24- 10FT Cable and Industrial Cable
5/17/2024	MONARCH MILKWEED PROJECT	INV-20240415	5353	1,000.00	Butterfly Festival Chrysalis Tier Sponsorship
5/17/2024	MUNICIPAL MAINTENANCE EQUIPMENT	021698	5354	353.69	BPO FY24- Rotary Union
5/17/2024	NAPA VALLEY PETROLEUM INC	820131	5355	398.96	CHEV RANDO HD68
5/17/2024	NAPA VALLEY PETROLEUM INC	820130	5355	20.04	ALUM FL CYL EX
5/17/2024	NAPA-VALLEJO WASTE MANAGEMENT	2187728	5356	672.60	C&D RECYCLING AND SOLID WASTE TONS
5/17/2024	Gail Frey	136 Louisiana St	5357	2,660.00	Upper Lateral Replacement
5/17/2024	James Patterson	43 D St.	5358	2,500.00	Upper Lateral Replacement
5/17/2024	Mike O'Donnell	659 Henry St.	5359	3,150.00	Upper Lateral Replacement
5/17/2024	Millie A Smith	1840 Florida St.	5360	4,560.00	Upper Lateral Replacement
5/17/2024	PLATT ELECTRIC	6235614	5362	378.80	For Sears Point Surge Tank: Conduit and pipe
5/17/2024	PLATT ELECTRIC	6250418	5362	183.66	Elect supplies- Flex, LT Conn, Lknt Steel, Liqtite
5/17/2024	POINT 1 ELECTRICAL SYSTEM INC	30089	5363	763.50	MONITORING OF BUILDING 67 PERIOD END 5/31/24
5/17/2024	PONTICELLO ENTERPRISES CONSULTING ENGINEERS, INC	097.000.015	5364	21,182.50	Development Review Support Services
5/17/2024	PONTICELLO ENTERPRISES CONSULTING ENGINEERS, INC	097.000.016	5364	14,933.75	Development Review Support Services
5/17/2024	R & S ERECTION OF VALLEJO INC	88945COMR	5365	549.10	Sensor on Rolling Steel Door Repair
5/17/2024	RESCUE TRAINING INSTITUTE INC	20886	5366	525.00	RESCUE MGR AED PROGRAM MGMT SOLUTION
5/17/2024	SHAPE INC	33280B21938	5367	11,356.54	Shape Inc. Plant Drain Pump -quote 116208
5/17/2024	SHAPE INC	33281B22126	5367	11,946.49	Shape Inc. Solano Pump -quote 116205
5/17/2024	SIEMENS INDUSTRY INC	5609522347	5368	2,191.00	Siemens LUT430 Controller
5/17/2024	TRITON TRUCK REPAIR INC	15217	5369	135.00	BIT Inspection V248
5/17/2024	TRITON TRUCK REPAIR INC	15219	5369	135.00	BIT Inspection V249
5/17/2024	TRITON TRUCK REPAIR INC	15218	5369	135.00	BIT Inspection V244
5/17/2024	TRITON TRUCK REPAIR INC	15216	5369	135.00	BIT Inspection V280
5/17/2024	TRITON TRUCK REPAIR INC	15215	5369	334.94	Oil Change, new Oil filter, V196
5/17/2024	UNITED SITE SERVICES OF CALIFORNIA	INV-4426282	5370	931.70	ADA Restroom/ 2 Station Hand Wash sink
5/17/2024	VALLEJO ELECTRIC MOTOR	RI-3994	5371	546.25	Vallejo Electric-machine grit screw parts-job#4433

VALLEJO FLOOD AND WASTEWATER DISTRICT  
DISBURSEMENTS REGISTER

CHECK DATE	NAME	INVOICE	CHECK NO	INVOICE NET	INVOICE DESCRIPTION
5/17/2024	VULCAN MATERIALS COMPANY	73978480	5372	517.86	1/2"" HMA TYPE A/B PG 64-16, Ton-Agg & Asphalt
5/17/2024	VULCAN MATERIALS COMPANY	73989975	5372	3,292.16	1/2"" HMA TYPE A/B PG 64-16, Ton-Agg & Asphalt
5/17/2024	WEST YOST & ASSOCIATES	2057793	5373	201.40	Evaluate Mississippi Street Sewer 3/9/24-4/5/24
5/17/2024	WEST YOST & ASSOCIATES	2057898	5373	19,659.68	New Bedford WW PS Design 3/9/24-4/5/24 CWP004
5/17/2024	WEST YOST & ASSOCIATES	2057768	5373	526.29	solano 360 support 3/9/24-4/5/24 MareIsland Storm
5/17/2024	WEST YOST & ASSOCIATES	207454	5373	4,615.25	Mare Island TM Support SSMP Assist 2/10/24-3/8/24
5/24/2024	AAA BUSINESS SUPPLIES	2341056-0	5374	503.10	FOPS Supplies-Cups,bowls,glue,forks,knifes
5/24/2024	AAA BUSINESS SUPPLIES	2341269-0	5374	79.44	BPO FY24- Disinfect wipes
5/24/2024	ACCESS	10898431	5375	152.83	RECORD MANAGEMENT SERVICES- SHRED
5/24/2024	AFLAC	240510	5376	577.92	Aflac Premiums 05/10/24
5/24/2024	ALAMEDA ELECTRIC	S5770571.001	5377	694.94	Locking Device
5/24/2024	ALL STAR RENTS	1244918-1	5378	294.81	Concrete, Planer, 8"" Electric Rental
5/24/2024	AMAZON CAPITAL SERVICES	1DTD-PW3C-P9Q7	5379	94.04	ITEM: 3M Respirator, Cool Flow Valve, Paint Sandi
5/24/2024	AMAZON CAPITAL SERVICES	1WWW-4WYK-P3KK	5379	141.86	ITEM: DURATECH Strap Wrench 12"" Handle, Adjustab
5/24/2024	AMAZON CAPITAL SERVICES	1PMD-9X7P-NRHN	5379	14.19	Finance Office Supplies - dry erase white board
5/24/2024	AMAZON CAPITAL SERVICES	1J3G-YD7C-LQ4C	5379	64.34	Printing Labels for the Lab
5/24/2024	APB GENERAL ENGINEERING	Payment 04-CWM037-RE	5380	72,659.65	CWM037- Sewer Rehabilitation Retention Payment
5/24/2024	BANNER BANK	Payment 14-POF016-Re	5381	40,091.35	ESCROW #2151MIPS 3W Effluent Bypass 0359-14 RET
5/24/2024	BH CONSTRUCTION	10005	5382	2,511.00	General Liability and Umbrella Policy Renewal
5/24/2024	BIG CREEK LUMBER	2120068	5383	55.36	BPO FY24- Phillips Pan Head Screws
5/24/2024	BIG CREEK LUMBER	2122742	5383	120.83	BPO FY24- Plywood, Concrete glue and Screws
5/24/2024	BOLT STAFFING SERVICE INC	58436	5384	1,627.20	TEMP SERVICES 5/6/24-5/10/24 C HOLGUIN
5/24/2024	DIRECT LINE INC	240503566101	5385	321.00	MAY 2024 AFTER HOURS DISPATCH AND ANSWER
5/24/2024	EBIX INC	0993127-IN	5386	425.00	Risk Envision Lite Hosting Fees 04/1/24-04/30/24
5/24/2024	ELAVON INC	CA4091100469	5387	340.30	March Merchant Fees
5/24/2024	W W GRAINGER	807570379	5388	943.30	BPO FY24- Heavy duty limit switch
5/24/2024	W W GRAINGER	9107676547	5388	37.58	BPO FY24- 10 Connector, Nylon
5/24/2024	W W GRAINGER	9108362733	5388	30.99	Eyewear Retainer and Nylon Gloves
5/24/2024	W W GRAINGER	9109882127	5388	122.19	Fuse Midgets, Automotive Fuse Blade
5/24/2024	W W GRAINGER	CM-9108552515	5388	(956.05)	Credit Memo-BPO FY24-CABINET,FLAT FILE,5 DRAWER
5/24/2024	W W GRAINGER	9109935024	5388	845.68	BPO FY24- TUBING,BRAIDED,POLY,1 IN,CLEAR
5/24/2024	W W GRAINGER	9111444064	5388	496.48	BPO FY24- Gloves, Batteries ,Gasket Markers
5/24/2024	W W GRAINGER	9111531217	5388	604.47	BPO FY24- 2 Steps, Step Stand
5/24/2024	GRAYMONT WESTERN US INC	4-422879 RI	5389	10,102.15	HIGH CALCIUM QUICKLIME
5/24/2024	HYDROSCIENCE ENGINEERS INC	387004009-2	5390	2,815.00	VFWD -DOM 4 Construction Support-Remaining Balance
5/24/2024	ISLAND ENERGY	201357001 05/08/2024	5391	134.55	Acct 201357001 4/1/24-5/1/24
5/24/2024	KIMBALL MIDWEST	102179394	5392	1,269.05	Garden Hose Adapter, drill, Grease Press
5/24/2024	LC CLEANING SERVICES AND MAINTENANCE	1311	5393	9,600.00	JANITORIAL SERVICES - APRIL 2024
5/24/2024	LEGALSHIELD	240510	5394	91.82	Legalshield/ID Shield Premiums 05/10/24
5/24/2024	LYSTEK INTERNATIONAL LIMITED	153-869	5395	9,419.76	Biosolids Delivered to Fairfield OMRC-Month of APR
5/24/2024	MCMMASTER-CARR SUPPLY COMPANY	26468708	5396	395.04	BPO FY24- Treaded bumper, Stainless Steel
5/24/2024	MCMMASTER-CARR SUPPLY COMPANY	26485570	5396	210.34	Grease-Dispensing Tip for 5/8"" Button-Head
5/24/2024	MCMMASTER-CARR SUPPLY COMPANY	26478970	5396	44.06	BPO FY24- Stainless Steel Phillips Screws
5/24/2024	MCMMASTER-CARR SUPPLY COMPANY	26468114	5396	34.65	Precision Extreme-Pressure 316 Stainless Steel
5/24/2024	MCMMASTER-CARR SUPPLY COMPANY	26563631	5396	64.74	BPO FY24- Glass Tube Fuses and Blades
5/24/2024	MCMMASTER-CARR SUPPLY COMPANY	26648530	5396	500.77	BPO FY24- Strut Channel Nut and Clamps
5/24/2024	MOSCHETTI INC	120185	5397	135.00	Coffee for OPS Maintenance
5/24/2024	MOSCHETTI INC	120308	5397	18.00	Coffee for Safety and Risk
5/24/2024	MOSS ADAMS LLP	102594883	5398	17,445.00	VFWD - IT Master Plan

VALLEJO FLOOD AND WASTEWATER DISTRICT  
DISBURSEMENTS REGISTER

CHECK DATE	NAME	INVOICE	CHECK NO	INVOICE NET	INVOICE DESCRIPTION
5/24/2024	MYERS & SONS CONSTRUCTION LP	Payment 14-POF016	5399	801,827.00	MIPS 3W Effluent Bypass Project 04/01/24-04/30/24
5/24/2024	PACIFIC GAS & ELECTRIC	9366350772-6: 4/29/2	5400	11,723.88	03/19/24-04/17/24
5/24/2024	PACIFIC GAS & ELECTRIC	7656692521-0: 4/30/2	5400	44.06	03/25/24-04/23/24
5/24/2024	PACIFIC GAS & ELECTRIC	4533476807-9: 05/03/	5400	104.78	03/28/24-04/28/24
5/24/2024	PACIFIC GAS & ELECTRIC	6532590894-8: 05/02/	5400	2,244.70	03/27/24-04/25/24
5/24/2024	PACIFIC GAS & ELECTRIC	7876441979-8: 05/02/	5400	1,807.01	03/27/24-04/25/24
5/24/2024	PACIFIC GAS & ELECTRIC	1164740405-9: 05/02/	5400	256.45	03/27/24-04/25/24
5/24/2024	PACIFIC GAS & ELECTRIC	5/1 CR 4533476807-9	5400	(47.86)	Duplicate Invoice Payment Check#5276
5/24/2024	PACIFIC GAS & ELECTRIC	5/7 CR 6532590894-8	5400	(2,159.08)	Credit Memo Duplicate Payment Ck# 5307
5/24/2024	PACIFIC GAS & ELECTRIC	5/7CR-1164740405-9	5400	(196.30)	Credit Memo Duplicate Payment Ck# 5307
5/24/2024	PACIFIC GAS & ELECTRIC	5/7CR 7876441979-8	5400	(1,695.79)	Duplicate Invoice Payment Check#5307
5/24/2024	PAN-PACIFIC SUPPLY COMPANY	29615773	5401	959.21	ASHCROFT B SERIES PRESSURE SWITCH
5/24/2024	PLATT ELECTRIC	6257078	5402	229.41	BPO FY24- Wet/dry Vacuum and hose assembly
5/24/2024	POLYDYNE INC	1822386	5403	19,765.30	Clarifloc WE-2100
5/24/2024	PREFERRED ALLIANCE INC	0195259-IN	5404	245.52	Drug Screening 21-60 On-Site Participants
5/24/2024	PSOMAS	207670	5405	76,406.81	Mare Island Pump Station Project #POF016
5/24/2024	REXEL USA INC	S139131093.001	5406	5,278.70	Sky 2 Soft Start - SMC Flex Smart Motor Controller
5/24/2024	SAMBA HOLDINGS INC	INV01478760	5407	281.54	Q License Subscription 04/01/24-04/30/24
5/24/2024	SOLANO COUNTY DEPT OF RESOURCE MGMT	137352	5408	94.00	HAZMAT Surcharge HMBP Record ID EHF21-02086
5/24/2024	SOLANO COUNTY DEPT OF RESOURCE MGMT	137358	5408	120.00	HAZMAT Surcharge HMBP Record ID EHF21-02173
5/24/2024	SOLANO COUNTY DEPT OF RESOURCE MGMT	137346	5408	94.00	HAZMAT Surcharge HMBP Record ID EHF21-02064
5/24/2024	SOLANO COUNTY DEPT OF RESOURCE MGMT	137348	5408	94.00	HAZMAT Surcharge HMBP Record ID EHF21-02066
5/24/2024	TRITON TRUCK REPAIR INC	15228	5409	1,555.48	New Nox Sensor installation in V251
5/24/2024	WRIGHT GUARD, LLC	10357	5410	13,200.00	SECURITY SERVICES FOR APRIL
5/24/2024	YP WESTERN DIRECTORY LLC	040724	5411	135.60	Acct# 800438706 Advertising Charges 4/1/24-4/30/24
<b>Total:</b>				<b>\$</b>	<b>1,796,908.48</b>



General Manager  
Mark Tomko

June 11, 2024

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**BOARD COMMUNICATION**

**Consent Calendar, Section 4C**

**TO:** The Honorable President and Board of Trustees

**FROM:** Jeff Tucker, Director of Finance/Treasurer

**PREPARED BY:** Jeff Tucker, Director of Finance/Treasurer

**SUBJECT:** Investment Program

**RECOMMENDATION**

Adopt a resolution delegating management responsibility for the investment program to the District Treasurer for Fiscal Year 2023-24 and adopting revised Investment Policy Guidelines.

**BACKGROUND AND DISCUSSION**

**Delegation to District Treasurer**

Pursuant to California Government Code Section 53607 and the District Investment Policy Guidelines Section E, the Board of Trustees may annually approve an investment policy and may delegate authority for the investment of funds to the District Treasurer. The delegation can be for no greater than one year and requires an annual renewal by the Board of Trustees.

The attach resolution renews the delegation of the management responsibility for the investment program to the District Treasurer for Fiscal Year 2024-25.

**Appointment of Chandler Asset Management**

In April 2020, the District contracted with Chandler Asset Management to be the District's Independent Investment Advisor. District staff has worked with Chandler to develop an investment strategy that conforms to the District's Investment Policy Guidelines and prioritizes Safety, Liquidity and Yield, in that order. During uncertain and unprecedented market conditions, it has been advantageous to have Chandler help the District reposition its portfolio as several investments were called or matured and reinvestment was necessary. Chandler has also been helpful in monitoring the credit risk of the investment portfolio and in developing comprehensive quarterly reporting of the investment portfolio for the Board.

The District intends to continue contracting with Chandler Asset Management as its Independent Investment Advisor in the next fiscal year.

**Recommended Change to Investment Policy Guidelines**

The investment policy guidelines were last reviewed and approved by the Board of Trustees in November 2023. Staff has reviewed the guidelines with professionals from Chandler Asset Management. There are three recommended substantive changes to the Investment Policy Guidelines:

1. In Section I, titled "Authorized Investments," add a new investment option of investing in Joint Powers Authority (JPA) pools. The JPA pool investments are organized pursuant to California Government Code Section 6509.7, invest only in specifically authorized investment types, and meet other requirements regarding investment experience and pool size.
2. In Section O, titled "Delivery," clarify that the "delivery-versus-payment" transaction method does not apply to local government investment pools, time certificates of deposit, mutual funds, and money market funds since these securities are not deliverable.
3. Clarify the definition of "Maturity" to state that the investment's remaining maturity is measured from the settlement date to final maturity.

There are also a few minor clerical edits in the document that do not change the policies or requirements.

#### ENVIRONMENTAL REVIEW

This is not a project under CEQA and no environmental review is required.

#### FISCAL IMPACT

None.

#### DOCUMENTS ATTACHED

- A. Resolution
- B. Investment Policy Guidelines - Redline

#### CONTACT PERSON

Jeff Tucker, Director of Finance/Treasurer, (707) 652-7802

Vallejo Flood and Wastewater District  
**Resolution Number 2024-**

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE  
VALLEJO FLOOD AND WASTEWATER DISTRICT  
DELEGATING MANAGEMENT RESPONSIBILITY FOR THE INVESTMENT PROGRAM TO  
THE DISTRICT TREASURER FOR FY 2024-25 AND ADOPTING AMENDED INVESTMENT  
POLICY GUIDELINES**

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**Recitals**

- A. California Government Code Section 53646 provides that the legislative body of a local agency may annually consider a statement of investment policy and changes to the policy at a public meeting.
- B. California Government Code Section 53607 provides that a legislative body may delegate authority to invest to the Treasurer on an annual basis.
- C. The District's Investment Policy has been reviewed, and changes are recommended to add Joint Powers Authority investment pools as an authorized investment type, to clarify the transaction method of certain investments that are not deliverable, to clarify the definition of the term "Maturity," and to make non-substantive clerical changes.

**Now, therefore, the Board of Trustees of the Vallejo Flood and Wastewater District resolves as follows:**

- 1. The Board delegates the investment authority to the District's Director of Finance/Treasurer through June 20, 2025.
- 2. The Board approves the attached Investment Policy Guidelines with changes as submitted.

**PASSED AND ADOPTED** by the Board of Trustees of the Vallejo Flood and Wastewater District at a regular meeting held on this 11th day of June 2024 by the following vote:

**AYES:**

**NOES:**

**ABSENT:**

**ABSTAIN:**

**WITNESS** my hand and the Seal of the District on this 11th day of June 2024.

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**EDUARDO CASTILLO GOMEZ**  
Clerk of the Board

# Investment Policy Guidelines of the Vallejo Flood and Wastewater District



Approved by the Board of Trustees on June 9, 2020.

Revised by the Board of Trustees on June 8, 2021.

Reviewed and Approved without Changes by the Board of Trustees on June 14, 2022.

Reviewed and Approved without Changes by the Board of Trustees on June 13, 2023.

Revised by the Board of Trustees on November 14, 2023.

[Revised by the Board of Trustees on June 11, 2024.](#)

Prepared by the Finance Department

**Investment Policy Guidelines  
Vallejo Flood and Wastewater District**

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## **A. Policy**

It is the policy of the Vallejo Sanitation & Flood Control District to invest public funds in a prudent manner which will preserve principal, maintain liquidity to meet the daily cash flow demands of the District and achieve a reasonable rate of return while conforming to all state and local statutes governing the investment of public funds.

## **B. Scope**

This investment policy applies to all moneys (surplus financial assets) and investment activities of the District. These moneys are accounted in the monthly financial reports and the comprehensive annual financial report of District which are under the Treasurer's scope of control unless specifically exempted by statute or resolution. The investment of bond proceeds in the custody of a Trustee shall be governed in accordance with the investment guidelines contained in the bond indenture.

## **C. Prudence**

The standard of prudence to be used by investment officials in the management of District moneys shall be the Prudent Investor Standard as authorized under Section 53600.3 of the California Government Code which shall be applied in the context of managing all aspects of the overall portfolio. Pursuant to California Government Code, all persons authorized to make investment decisions on behalf of the District are trustees and therefore fiduciaries subject to the Prudent Investor Standard:

“...all governing bodies of local agencies or persons authorized to make investment decisions on behalf of those local agencies investing public funds pursuant to this chapter are trustees and therefore fiduciaries subject to the prudent investor standard. When investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the Agency, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the Agency. Within the limitations of this section and considering individual investments as part of an overall strategy, investments may be acquired as authorized by law”.

## **D. Objective**

The objective of this policy is to provide guidance to invest District funds in accordance with California Government Code Section 53600.5 which states that when investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, the primary objective of a trustee shall be to safeguard the principal of the funds under its control. The secondary objective shall be to meet liquidity needs of the depositor. The third objective shall be to achieve a return on the funds under its control. Using sound treasury management principles, this policy seeks to achieve, in order of priority:

1. Safety: Safety of principal is the foremost objective of the investment program. Investments of the District shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. To attain this objective, the District will diversify its investments by investing funds among a variety of securities and other

investments with independent returns.

2. Liquidity: The District's investment portfolio will maintain sufficient liquidity to enable the District to meet all operating requirements which might be reasonably anticipated.
3. Return on Investments: The District's investment portfolio shall be designed with the objective of attaining a rate of return commensurate with the District's investment risk constraints and the cash flow characteristics of the portfolio.

#### **E. Delegation of Authority**

Pursuant to California Government Code Section 53607, management responsibility for the investment program is hereby delegated to the District Treasurer, who shall establish written procedures for the operation of the investment program consistent with this investment policy. This responsibility includes authority to select brokers, establish safekeeping accounts, enter into wire transfer agreements, banking service contracts, and collateral/depository agreements. The Treasurer shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials. This delegation shall be for no greater than one year and may be revoked at any time, or, upon review, renewed each year.

The District may engage the services of one or more external investment advisers, who are registered under the Investment Advisers Act of 1940, to assist in the management of the District's investment portfolio in a manner consistent with the District's objectives. External investment advisers may be granted discretion to purchase and sell investment securities in accordance with this investment policy.

The District's overall investment program shall be designed and managed with a degree of professionalism that is worthy of the public trust. The District recognizes that in a diversified portfolio, occasional measured losses may be inevitable and must be considered within the context of the overall portfolio's return and the cash flow requirements of the District.

#### **F. Ethics and Conflicts of Interest**

All participants in the investment process shall act as custodians of the public trust. Investment officials shall recognize that the investment portfolio is subject to public review and evaluation. Officers and employees involved in the investment process shall refrain from any personal business activity that could conflict with the proper execution and management of the investment program or which could impair their ability to make impartial investment decisions for the District. Additionally, the Treasurer is required to annually file applicable financial disclosures as required by the Fair Political Practices Commission (FPPC) and/or the District's Conflict of Interest Code.

#### **G. Authorized Financial Dealers and Institutions**

The District shall transact business only with banks, associations, and with broker/dealers licensed by the State of California. To the extent practicable, the District Treasurer shall endeavor to complete investment transactions using a competitive bid process whenever possible.

In accordance with Section 53601.5, institutions eligible to transact investment business with the District include:

- Institutions licensed by the state as a broker-dealer, as defined in Section 25004 of

the Corporations Code.

- Institutions that are members of a federally regulated securities exchange.
- Savings association or federal association as defined by Section 5102 of the Financial Code.
- Primary government dealers as designated by the Federal Reserve Bank.
- Nationally or state-chartered banks.
- The Federal Reserve Bank.
- Direct issuers of securities eligible for purchase.

Investment staff shall investigate dealers who wish to do business with the District to determine if they are adequately capitalized, have pending legal action against the firm or the individual broker and make markets in the securities appropriate to the District's needs.

The District Treasurer shall annually send a copy of the current Investment Policy to all broker/dealers approved to do business with the District. Confirmation of receipt of this policy shall be considered evidence that the dealer understands the District's Investment Policy and intends to sell the District only appropriate investments authorized by this Investment Policy.

Selection of financial institutions and broker/dealers authorized to engage in transactions will be at the sole discretion of the District, except where the District utilizes an external investment adviser in which case the District may rely on the adviser for selection.

Public deposits will be made only in qualified public depositories as established by State law. Deposits will be insured by the Federal Deposit Insurance Corporation, or, to the extent the amount exceeds the insured maximum, will be collateralized in accordance with State law.

Selection of broker/dealers used by an external investment adviser retained by the District will be at the sole discretion of the adviser. Where possible, transactions with broker/dealers shall be selected on a competitive basis and their bid or offering prices shall be recorded. If there is no other readily available competitive offering, best efforts will be made to document quotations for comparable or alternative securities. When purchasing original issue instrumentality securities, no competitive offerings will be required as all dealers in the selling group offer those securities at the same original issue price.

#### **H. Use of External Professional Investment Manager**

The District may employ the services of a professional investment manager to assist in the management of the District's investment portfolio. Such manager may be granted the discretion to purchase and sell investment securities in accordance with this Investment Policy. A professional investment manager shall only be retained by written agreement with the District, and approved by the Board of Trustees, and must contractually agree to conform to the District's Investment Policy and all provisions of governing law and collateralization and other requirements contained herein.

#### **I. Authorized Investments**

The District's investments are governed by California Government Code, Sections 53600 et seq. Within the investments permitted by the Code, the District seeks to further restrict eligible investments to the guidelines listed below. In the event a discrepancy is found between this

policy and the Code, the more restrictive parameters will take precedence. Percentage holding limits and credit quality minimums listed in this section apply at the time the security is purchased.

Any investment currently held at the time the policy is adopted which does not meet the new policy guidelines can be held until maturity, and shall be exempt from the current policy. At the time of the investment's maturity or liquidation, such funds shall be reinvested only as provided in the current policy.

An appropriate risk level shall be maintained by primarily purchasing securities that are of high quality, liquid, and marketable. The portfolio shall be diversified by security type and institution to avoid incurring unreasonable and avoidable risks regarding specific security types or individual issuers.

**MUNICIPAL SECURITIES** include obligations of the District, the State of California and any local agency within the State of California, provided that the securities are rated in a rating category of "A" or its equivalent or better by at least one nationally recognized statistical rating organization ("NRSRO"). No more than 5% of the portfolio may be invested in any single issuer. No more than 30% of the portfolio may be in Municipal Securities. The maximum maturity does not exceed five (5) years.

**MUNICIPAL SECURITIES (REGISTERED TREASURY NOTES OR BONDS)** of any of the other 49 states in addition to California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state or by a department, board, agency, or authority of any of the other 49 states, in addition to California. The securities are rated in a rating category of "A" or its equivalent or better by at least one NRSRO. No more than 5% of the portfolio may be invested in any single issuer. No more than 30% of the portfolio may be in Municipal Securities. The maximum maturity does not exceed five (5) years.

**U.S. TREASURIES** and other government obligations for which the full faith and credit of the United States are pledged for the payment of principal and interest. There are no limits on the dollar amount or percentage that the District may invest in U.S. Treasuries, provided that the maximum maturity is five (5) years.

**FEDERAL AGENCIES** or United States Government-Sponsored Enterprise obligations, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises. There are no limits on the dollar amount or percentage that the District may invest in Federal Agency or Government-Sponsored Enterprises (GSEs), provided that no more than 30% of the portfolio may be invested in any single Agency/GSE issuer. The maximum maturity does not exceed five (5) years. The maximum percent of federal callable agency securities in the portfolio will be 20%.

**BANKERS' ACCEPTANCES:** As provided in Government Code Section 53601 (g), up to 40% of the District's moneys may be invested in Bankers Acceptances (that are eligible for purchase by the Federal Reserve System), although no more than 5% of the moneys may be invested in Bankers Acceptances of any one commercial bank. Additionally, the maturity period of any Bankers Acceptance shall not exceed 180 days. Eligible bankers' acceptances must be issued by institutions which have short-term debt obligations rated "A-1" or its equivalent or better by at least one NRSRO; or long-term debt obligations which are rated in a rating category of "A" or its equivalent or better by at least one NRSRO.

**COMMERCIAL PAPER:** As authorized in Government Code Section 53601 (h), up to 25% of the District's moneys may be invested in "prime" commercial paper of quality of the highest ranking or of the highest letter and number rating provided by a NRSRO. The issuing corporation must meet all of the following conditions in either paragraph (1) or paragraph (2):

(1) The entity meets the following criteria:

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

(2) The entity meets the following criteria:

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

The District shall not purchase more than 10% of the outstanding commercial paper of any one issuer. No more than 5% of the portfolio may be invested in a single commercial paper issuer. Maturities may not exceed 270 days.

**NEGOTIABLE CERTIFICATES OF DEPOSIT OR BONDS (NCD):** As authorized in Government Code Section 53601 (i), up to 30% of District's moneys may be invested in negotiable certificates of deposit issued by a nationally or state-chartered bank, or a savings or federal association, a state or federal credit union, or by a federally-licensed or state-licensed branch of a foreign bank. The maturity period for this investment vehicle may not exceed five years unless approved by the Board of Trustees. The amount of the NCD insured up to the FDIC limit does not require any credit ratings. Any amount above the FDIC insured limit must be issued by institutions which have short-term debt obligations rated "A-1" or its equivalent or better by at least one NRSRO; or long-term obligations rated in a rating category of "A" or its equivalent or better by at least one NRSRO. No more than 5% of the portfolio may be invested in any single issuer.

**MEDIUM-TERM CORPORATE NOTES:** As authorized in Government Code Section 53601 (k), up to 30% of District's moneys may be invested in medium term corporate notes. Maturities may not exceed five years. The issuing corporation must be organized and operating within the U.S. or be a depository institution licensed by the United States or any state and operating within the United States, and must be rated in a rating category of "A" or its equivalent or better by an NRSRO. No more than 5% of the portfolio may be invested in any single issuer.

**MUTUAL FUNDS and MONEY MARKET MUTUAL FUNDS.** Mutual Funds are referred to in California Government Code Section 53601(l), as "shares of beneficial interest issued by diversified management companies." Mutual Funds and Money Market Mutual Funds that are registered with the Securities and Exchange Commission under the Investment

Company Act of 1940 are authorized investments for funds subject to the following provisions:

(1) **Mutual Funds** that invest in the securities and obligations as authorized under California Government Code Section 53601(a) to (k) and (m) to (q) inclusive and that meet either of the following criteria:

- a. Attained the highest ranking or the highest letter and numerical rating provided by not less than two (2) NRSROs; or
- b. Have retained an investment advisor registered or exempt from registration with the Securities and Exchange Commission with not less than five years' experience investing in the securities and obligations authorized by California Government Code Section 53601 and with assets under management in excess of \$500 million.
- c. No more than 10% of the total portfolio may be invested in shares of any one Mutual Fund.

(2) **Money Market Mutual Funds** registered with the Securities and Exchange Commission under the Investment Company Act of 1940 and issued by diversified management companies and meet either of the following criteria:

- a. Have attained the highest ranking or the highest letter and numerical rating provided by not less than two (2) NRSROs; or
- b. Have retained an investment advisor registered or exempt from registration with the Securities and Exchange Commission with not less than five years' experience managing money market mutual funds with assets under management in excess of \$500 million.
- c. No more than 20% of the total portfolio may be invested in the shares of any one Money Market Mutual Fund.

All Money Market Mutual Funds must be compliant with Rule 2a-7 of the Investment Company Act of 1940.

- No more than 20% of the total portfolio may be invested in these securities.

**TIME CERTIFICATES OF DEPOSIT:** As authorized in Government Code Section 53630 and following, the District may invest moneys in non-negotiable, fixed-term Certificates of Deposit collateralized in accordance with the Government Code requirements. In order to secure such deposits, an institution shall maintain in the collateral pool securities having a market value of at least 10% in excess of the total amount deposited (50% in excess of the total amount of deposits secured by promissory notes secured by first mortgages and first trust deeds). The District is permitted to waive the first \$250,000 of collateral security for such deposits if the institution is insured pursuant to federal law. No more than 20% of the portfolio may be in Time Certificates of Deposit. The maximum maturity does not exceed five (5) years. Time Certificates of Deposit may be purchased from banks, associations, federally insured credit unions, and federally insured industrial loan companies which meet the requirements set forth in the Government Code.

**COLLATERALIZED BANK DEPOSITS.** District's deposits with financial institutions will be collateralized with pledged securities per California Government Code, Section 53651.

There are no limits on the dollar amount or percentage that the District may invest in collateralized bank deposits.

**REPURCHASE AGREEMENTS** collateralized with securities authorized under California Government Code, maintained at a level of at least 102% of the market value of the Repurchase Agreement. There are no limits on the dollar amount or percentage that the District may invest, provided that securities used as collateral for Repurchase Agreements will be delivered to an acceptable third party custodian. Repurchase Agreements are subject to a Master Repurchase Agreement between the District and the provider of the repurchase agreement. The Master Repurchase Agreement will be substantially in the form developed by the Securities Industry and Financial Markets Association (SIFMA). The maximum maturity does not exceed one (1) year.

**ASSET-BACKED, MORTGAGE-BACKED, MORTGAGE PASS-THROUGH SECURITIES, AND COLLATERALIZED MORTGAGE OBLIGATIONS FROM ISSUERS NOT ISSUED BY THE U.S. GOVERNMENT AND ITS FEDERAL AGENCIES**, provided that the securities are rated in a rating category of “AA” or its equivalent or better by a NRSRO. No more than 20% of the total portfolio may be invested in these securities. No more than 5% of the portfolio may be invested in any single Asset-Backed or Commercial Mortgage security issuer. The maximum legal final maturity does not exceed five (5) years.

**SUPRANATIONALS**, provided that issues are US dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development, International Finance Corporation, or Inter-American Development Bank. The securities must be rated in a rating category of “AA” or its equivalent or better by a NRSRO. No more than 30% of the total portfolio may be invested in these securities. No more than 10% of the portfolio may be invested in any single issuer. The maximum maturity does not exceed five (5) years.

**LOCAL AGENCY INVESTMENT FUND (LAIF)**: As authorized by Government Code Section 16429.1, the District may invest in the Local Agency Investment Fund, a pooled investment money market fund established by the State of California and managed by the California State Treasurer’s Office. The District is a current participant in this fund.

[JOINT POWERS AUTHORITY \(JPA\) POOLS: JPAs organized pursuant to California Government Code Section 6509.7 that invest in securities and obligations authorized in subdivisions \(a\) to \(r\), inclusive. Each share shall represent an equal proportional interest in the underlying pool of securities owned by the JPA. The advisor shall be registered or exempt from registration with the Securities and Exchange Commission, have at least five years of experience investing in the securities and obligations authorized in subdivisions \(a\) to \(q\), inclusive, and have assets under management in excess of five hundred million dollars.](#)

## J. Prohibited Investments

State law notwithstanding, any investments not specifically described herein are prohibited, including, but not limited to futures and options. The District shall not invest any moneys, pursuant to Government Code 53601.6 or pursuant to Article 2 (commencing with Section 53630), in inverse floaters, range notes, mortgage- derived, or interest-only strips that are derived from a pool of mortgages. In addition, the District shall not invest in any security that could result in zero interest accrual if held to maturity, except that, under a provision of state law sunseting on January 1, 2026, securities backed by the U.S. Government that could result

in a zero- or negative-interest accrual if held to maturity are permitted. Trading securities for the sole purpose of speculating on the future direction of interest rates is prohibited. Purchasing or selling securities on margin is prohibited. The use of reverse repurchase agreements, securities lending or any other form of borrowing or leverage is prohibited. The purchase of foreign currency denominated securities is prohibited. Agencies that are not Qualified Institutional Buyers (QIB) as defined by the Securities and Exchange Commission are prohibited from purchasing Private Placement Securities. The SEC has defined a QIB as having at least \$100,000,000 in securities owned and invested. The purchase of a security with a forward settlement date exceeding 45 days from the time of the investment is prohibited.

#### **K. Social Responsibility**

Investment of funds should be guided by the following socially responsible investment goals when investing in corporate securities and depository institutions. Investments should be made in compliance with these goals to the extent that such investments achieve substantially equivalent safety, liquidity and yield compared to investments permitted by California state law.

The District shall seek opportunities for investing in companies that have a positive impact on the environment and fair workplace practices. Investments are encouraged in entities that support equality of rights, regardless of sex, race, religion, age, disability or sexual orientation. No investment is to be made in a company that receives more than 51 percent of its gross revenues from the production or manufacture of fossil fuels, weapons manufacturing, cigarettes, alcohol or gaming products.

#### **L. Investment Pools/Mutual Funds**

The Treasurer shall have a thorough understanding of the operational areas listed below for each pool and/or fund prior to investing, and on a continual basis.

- A description of eligible investment securities, and a written statement of investment policy and objectives.
- A description of interest calculations and how interest is distributed, and how gains and losses are treated.
- A description of how the securities are safeguarded (including the settlement processes), and how often the securities are priced and the program is audited.
- A description of who may invest in the program, how often, and the permissible size of deposit and withdrawal.
- A schedule for receiving statements and portfolio listings.
- Whether reserves, retained earnings, etc. are utilized by the pool/fund.
- A fee schedule, and when and how it is assessed.
- Whether the pool/fund is eligible for bond proceeds and/or whether it will accept such proceeds.

#### **M. Collateral Requirements**

Collateral is required for investments in certificates of deposit. The value of eligible securities as defined pursuant to California Government Code, Section 53651, pledged against a

Certificate of Deposit shall be equal to 150% of the face value of the CD if the securities are classified as mortgages and 110% of the face value of the CD for all other classes of security. The other securities acceptable as collateral shall be direct obligations which are fully guaranteed as to principal and interest by the United States Government or any agency or government sponsored enterprise of the United States. Collateral must be held in the District's name by an independent third party with whom the District has a current custodial agreement. A clearly marked evidence of ownership (safekeeping receipt) must be supplied to the District.

The District requires that Repurchase Agreements be collateralized only by securities authorized in accordance with California Government Code:

- The securities which collateralize the repurchase agreement shall be priced at Market Value, including any Accrued Interest plus a margin. The Market Value of the securities that underlie a repurchase agreement shall be valued at 102% or greater of the funds borrowed against those securities.
- Financial institutions shall mark the value of the collateral to market at least monthly and increase or decrease the collateral to satisfy the ratio requirement described above.
- The District shall receive monthly statements of collateral.

#### **N. Safekeeping and Custody**

To protect against fraud or embezzlement or losses caused by collapse of an individual securities dealer, all securities owned by the District shall be held in safekeeping by a third party custodian, acting as agent for the District under the terms of a custody agreement executed by the Treasurer. All security transactions will settle delivery vs. payment (DVP) through the District's safekeeping agent. Securities purchased from brokers/dealers shall be held in third party safekeeping by the trust department of the District's main bank, or by another third party trustee designated by the Treasurer.

Securities held in custody for the District shall be independently audited annually to verify investment holdings.

#### **O. Delivery**

The purchase of an eligible security shall require delivery of the securities to the District, including those purchased for the District by financial advisors, consultants, or managers using the District's moneys, by book entry, physical delivery, or by third party custodial agreement. The transfer of securities to the counter party bank's customer book entry account may be used for book entry delivery. A counter party bank's trust department or separate safekeeping department may be used for the physical delivery of the security if it is held in the District's name. All investment transactions shall be conducted on a delivery-versus-payment basis, [with exceptions to the delivery requirements for local government investment pools, time certificates of deposit, and mutual funds and money market mutual funds, since these securities are not deliverable.](#)

#### **P. Risk Management and Diversification**

##### **Mitigating Credit Risk in the Portfolio**

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

- The diversification requirements included in the “Authorized Investments” section of this policy are designed to mitigate credit risk in the portfolio.
- No more than 5% of the total portfolio may be deposited with or invested in securities issued by any single issuer with the exception of US Treasuries, Federal Agencies, LAIF, mutual funds, money market funds, or supranational securities, or unless otherwise specified in this policy.
- The District may elect to sell a security prior to its maturity and record a capital gain or loss in order to manage the quality, liquidity or yield of the portfolio in response to market conditions or District’s risk preferences.
- If the credit ratings of any security owned by the District are downgraded to a level below the quality required by this investment policy, it will be the District’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 security is downgraded, the Treasurer will use discretion in determining whether to sell or hold the security based on its current maturity, the economic outlook for the issuer, and other relevant factors.
  - If a decision is made to retain a downgraded security in the portfolio, its presence in the portfolio will be monitored and reported monthly to the District Board.

#### **MITIGATING MARKET RISK IN THE PORTFOLIO**

Market risk is the risk that the portfolio value will fluctuate due to changes in the general level of interest rates. The District recognizes that, over time, longer-term portfolios have the potential to achieve higher returns. On the other hand, longer-term portfolios have higher volatility of return. The District will mitigate market risk by providing adequate liquidity for short-term cash needs, and by making longer-term investments only with funds that are not needed for current cash flow purposes.

The District further recognizes that certain types of securities, including variable rate securities, securities with principal paydowns prior to maturity, and securities with embedded options, will affect the market risk profile of the portfolio differently in different interest rate environments. The Agency, therefore, adopts the following strategies to control and mitigate its exposure to market risk:

- The District will maintain a minimum of six months of budgeted operating expenditures in short term investments to provide sufficient liquidity for expected disbursements.
- The maximum stated final maturity of individual securities in the portfolio will be five (5) years, except as otherwise stated in this policy.
- The duration of the portfolio will generally be approximately equal to the duration (typically, plus or minus 20%) of a Market Benchmark, an index selected by the District based on the District’s investment objectives, constraints and risk tolerances.

#### **Q. Maximum Maturity**

The District will attempt to match its investments with anticipated cash flow requirements whenever possible. Pursuant to California Government Code Section 53601, the District will not invest in any security with a final maturity of more than five years from the date of

settlement, unless the Board of Trustees has granted express authority to make that investment at least three months before the investment is made.

## **R. Internal Control**

Separation of functions between the receipt and transfer of funds is designed to provide an ongoing internal review to prevent the potential for converting assets or concealing transactions. Existing procedures require all wire transfers to be approved by the Finance Director/Treasurer or District Manager. Proper documentation obtained from confirmation and cash disbursement wire transfers is required for each investment transaction. Timely bank reconciliation is conducted to ensure proper handling of all transactions. The investment portfolio and all related transactions are reviewed and balanced to appropriate general ledger accounts by the Finance Department on a monthly basis. All employees involved in the investment of District moneys must be properly bonded. District shall receive confirmations from the financial institutions. All investment confirmations received from financial institutions shall be reviewed for accuracy and filed. The District investment accounting software package shall meet all legal reporting requirements. An independent confirmation by an external auditor shall be conducted annually to review internal control, account activity and compliance with policies and procedures.

## **S. Other Guidelines**

1. **Pooled Cash:** Cash for all District enterprise funds are consolidated into one general bank account and one payroll account (except bond proceeds, retirement portfolios, and deferred compensation moneys) and invested on a pooled concept basis.
2. **Liquidity:** Liquidity refers to the ability to convert investment holdings to cash immediately with minimal loss of principal or accrued interest. This quality is important when the need for unexpected moneys suddenly occurs. The secondary duty of the Treasurer is to ensure that the liquidity needs of the District are met.
3. **Selling Securities Prior to Maturity:** It is the District's intent, at the time of purchase, to hold all investments until maturity. However, investments may be sold prior to maturity for cash flow purposes or to take advantage of principal appreciation. Generally, losses are acceptable on a sale before maturity if the earnings from the reinvested proceeds will exceed the income that would have been generated by the old investment considering any capital loss or foregone interest on the original investment.
4. **Time Deposit Placement:** Time deposits (insured and collateralized certificates of deposit) are not placed with banks, credit unions and/or associations unless an office is maintained in the State of California.
5. **TCD Evaluation:** Time Certificates of Deposit (TCD) are evaluated in terms of FDIC coverage. For deposits in excess of the insured maximum of \$250,000 approved levels of collateral at full market value are required, as prescribed in the California Government Code.
6. **Security Marketability:** The marketability (salability) of a security is considered at the time of purchase, as the security may have to be sold prior to maturity in order to meet unanticipated cash demands.
7. **Cash Flow Requirements Used to Establish Maturity:** Projected cash flow requirements and the overall weighted average maturity of the District's investment

portfolio are the primary factors to be used in determining investment maturity terms.

## **T. Strategy**

Strategy refers to the ability to manage the District's financial resources in the most advantageous manner.

1. **Economic Forecasts:** The Treasurer obtains economic forecasts periodically from investment professionals to assist with the formulation of an investment strategy for the District.
2. **Developing the Investment Plan:** The Treasurer should anticipate changes in interest rates, inflation, monetary and/or fiscal policy, and other economic indicators and evaluate their impact on the District's portfolio.

## **U. Performance Standards**

The investment portfolio shall be designed to attain a market-average rate of return throughout budgetary and economic cycles, taking into account the District's risk constraints, the cash flow characteristics of the portfolio, and state and local laws, ordinances or resolutions that restrict investments.

The Treasurer shall monitor and evaluate the portfolio's performance relative to the chosen market benchmark(s), which will be included in the Treasurer's monthly report. The Treasurer shall select an appropriate, readily available index to use as a market benchmark.

## **V. Reporting**

### **Monthly Report**

Monthly transaction reports will be submitted by the Treasurer to the Board of Trustees in accordance with California Government Code Section 53607.

### **Annual Policy Approval**

The Treasurer shall submit the investment policy annually to the Board, disclose the sources of market value information, confirm compliance with the guidelines or explain the differences, and affirm the agency's ability to meet its obligations over the next six months.

## **W. Investment Policy Adoption**

The District's investment policy guidelines shall be adopted by resolution as modifications are required due to changing economic conditions and legislative changes affecting public agency investment practices.

## GLOSSARY OF INVESTMENT TERMS

**AGENCIES.** Shorthand market terminology for any obligation issued by a *government-sponsored entity (GSE)*, or a *federally related institution*. Most obligations of GSEs are not guaranteed by the full faith and credit of the US government. Examples are:

**FFCB.** The Federal Farm Credit Bank System provides credit and liquidity in the agricultural industry. FFCB issues discount notes and bonds.

**FHLB.** The Federal Home Loan Bank provides credit and liquidity in the housing market. FHLB issues discount notes and bonds.

**FHLMC.** Like FHLB, the Federal Home Loan Mortgage Corporation provides credit and liquidity in the housing market. FHLMC, also called “Freddie Mac” issues discount notes, bonds and mortgage pass-through securities.

**FNMA.** Like FHLB and FreddieMac, the Federal National Mortgage Association was established to provide credit and liquidity in the housing market. FNMA, also known as “Fannie Mae,” issues discount notes, bonds and mortgage pass-through securities.

**GNMA.** The Government National Mortgage Association, known as “Ginnie Mae,” issues mortgage pass-through securities, which are guaranteed by the full faith and credit of the US Government.

**PEFCO.** The Private Export Funding Corporation assists exporters. Obligations of PEFCO are not guaranteed by the full faith and credit of the US government.

**TVA.** The Tennessee Valley Authority provides flood control and power and promotes development in portions of the Tennessee, Ohio, and Mississippi River valleys. TVA currently issues discount notes and bonds.

**ASSET BACKED SECURITIES.** Securities supported by pools of installment loans or leases or by pools of revolving lines of credit.

**AVERAGE LIFE.** In mortgage-related investments, including CMOs, the average time to expected receipt of principal payments, weighted by the amount of principal expected.

**BANKER’S ACCEPTANCE.** A money market instrument created to facilitate international trade transactions. It is highly liquid and safe because the risk of the trade transaction is transferred to the bank which “accepts” the obligation to pay the investor.

**BENCHMARK.** A comparison security or portfolio. A performance benchmark is a partial market index, which reflects the mix of securities allowed under a specific investment policy.

**BROKER.** A broker brings buyers and sellers together for a transaction for which the broker receives a commission. A broker does not sell securities from their own position.

**CALLABLE.** A callable security gives the issuer the option to call it from the investor prior to its maturity. The main cause of a call is a decline in interest rates. If interest rates decline, the issuer will likely call its current securities and reissue them at a lower rate of interest.

**CERTIFICATE OF DEPOSIT (CD).** A time deposit with a specific maturity evidenced by a certificate.

**CERTIFICATE OF DEPOSIT ACCOUNT REGISTRY SYSTEM (CDARS).** A private placement service that allows local agencies to purchase more than \$250,000 in CDs from a single financial institution (must be a participating institution of CDARS) while still maintaining FDIC insurance coverage. CDARS is currently the only entity providing this service. CDARS facilitates the trading of deposits between the California institution and other participating institutions in amounts that are less than \$250,000 each, so that FDIC coverage is maintained.

**COLLATERAL.** Securities or cash pledged by a borrower to secure repayment of a loan or repurchase agreement. Also, securities pledged by a financial institution to secure deposits of public monies.

**COLLATERALIZED BANK DEPOSIT.** A bank deposit that is collateralized at least 100% (principal plus interest to maturity). The deposit is collateralized using assets set aside by the issuer such as Treasury securities or other qualified collateral to secure the deposit in excess of the limit

covered by the Federal Deposit Insurance Corporation.

**COLLATERALIZED MORTGAGE OBLIGATIONS (CMO).** Classes of bonds that redistribute the cash flows of mortgage securities (and whole loans) to create securities that have different levels of prepayment risk, as compared to the underlying mortgage securities.

**COLLATERALIZED TIME DEPOSIT.** Time deposits that are collateralized at least 100% (principal plus interest to maturity). These instruments are collateralized using assets set aside by the issuer such as Treasury securities or other qualified collateral to secure the deposit in excess of the limit covered by the Federal Deposit Insurance Corporation.

**COMMERCIAL PAPER.** The short-term unsecured debt of corporations.

**COUPON.** The rate of return at which interest is paid on a bond.

**CREDIT RISK.** The risk that principal and/or interest on an investment will not be paid in a timely manner due to changes in the condition of the issuer.

**DEALER.** A dealer acts as a principal in security transactions, selling securities from and buying securities for ~~their~~his own position.

**DEBENTURE.** A bond secured only by the general credit of the issuer.

**DELIVERY VS. PAYMENT (DVP).** A securities industry procedure whereby payment for a security must be made at the time the security is delivered to the purchaser's agent.

**DERIVATIVE.** Any security that has principal and/or interest payments which are subject to uncertainty (but not for reasons of default or credit risk) as to timing and/or amount, or any security which represents a component of another security which has been separated from other components ("Stripped" coupons and principal). A derivative is also defined as a financial instrument the value of which is totally or partially derived from the value of another instrument, interest rate, or index.

**DISCOUNT.** The difference between the par value of a bond and the cost of the bond, when the cost is below par. Some short-term securities, such as T-bills and banker's acceptances, are known as discount securities. They sell at a discount from par and return the par value to the investor at maturity without additional interest. Other securities, which have fixed coupons, trade at a discount when the coupon rate is lower than the current market rate for securities of that maturity and/or quality.

**DIVERSIFICATION.** Dividing investment funds among a variety of investments to avoid excessive exposure to any one source of risk.

**DURATION.** The weighted average time to maturity of a bond where the weights are the present values of the future cash flows. Duration measures the price sensitivity of a security to changes interest rates.

**FEDERAL DEPOSIT INSURANCE CORPORATION (FDIC).** The Federal Deposit Insurance Corporation (FDIC) is an independent federal agency insuring deposits in U.S. banks and thrifts in the event of bank failures. The FDIC was created in 1933 to maintain public confidence and encourage stability in the financial system through the promotion of sound banking practices.

**FEDERALLY INSURED TIME DEPOSIT.** A time deposit is an interest-bearing bank deposit account that has a specified date of maturity, such as a certificate of deposit (CD). These deposits are limited to funds insured in accordance with FDIC insurance deposit limits.

**LEVERAGE.** Borrowing funds in order to invest in securities that have the potential to pay earnings at a rate higher than the cost of borrowing.

**LIQUIDITY.** The speed and ease with which an asset can be converted to cash.

**LOCAL AGENCY INVESTMENT FUND (LAIF).** A voluntary investment fund open to government entities and certain non-profit organizations in California that is managed by the State Treasurer's Office.

**LOCAL GOVERNMENT INVESTMENT POOL.** Investment pools that range from the State Treasurer's Office Local Agency Investment Fund (LAIF) to county pools, to Joint Powers Authorities (JPAs). These funds are not subject to the same SEC rules applicable to money market mutual funds.

**MAKE WHOLE CALL.** A type of call provision on a bond that allows the issuer to pay off the remaining debt early. Unlike a call option, with a make whole call provision, the issuer makes a lump sum payment that equals the net present value (NPV) of future coupon payments that will not be paid because of the call. With this type of call, an investor is compensated, or "made whole."

**MARGIN.** The difference between the market value of a security and the loan a broker makes using that security as collateral.

**MARKET RISK.** The risk that the value of securities will fluctuate with changes in overall market conditions or interest rates.

**MARKET VALUE.** The price at which a security can be traded.

**MATURITY.** The final date upon which the principal of a security becomes due and payable. [The investment's term or remaining maturity is measured from the settlement date to final maturity.](#)

**MEDIUM TERM NOTES.** Unsecured, investment-grade senior debt securities of major corporations which are sold in relatively small amounts on either a continuous or an intermittent basis. MTNs are highly flexible debt instruments that can be structured to respond to market opportunities or to investor preferences.

**MODIFIED DURATION.** The percent change in price for a 100-basis point change in yields. Modified duration is the best single measure of a portfolio's or security's exposure to market risk.

**MONEY MARKET.** The market in which short-term debt instruments (T-bills, discount notes, commercial paper, and banker's acceptances) are issued and traded.

**MONEY MARKET MUTUAL FUND.** A mutual fund that invests exclusively in short-term securities. Examples of investments in money market funds are certificates of deposit and U.S. Treasury securities. Money market funds attempt to keep their net asset values at \$1 per share.

**MORTGAGE PASS-THROUGH SECURITIES.** A securitized participation in the interest and principal cash flows from a specified pool of mortgages. Principal and interest payments made on the mortgages are passed through to the holder of the security.

**MUNICIPAL SECURITIES.** Securities issued by state and local agencies to finance capital and operating expenses.

**MUTUAL FUND.** An entity which pools the funds of investors and invests those funds in a set of securities which is specifically defined in the fund's prospectus. Mutual funds can be invested in various types of domestic and/or international stocks, bonds, and money market instruments, as set forth in the individual fund's prospectus. For most large, institutional investors, the costs associated with investing in mutual funds are higher than the investor can obtain through an individually managed portfolio.

**NATIONALLY RECOGNIZED STATISTICAL RATING ORGANIZATION (NRSRO).**

A credit rating agency that the Securities and Exchange Commission in the United States uses for regulatory purposes. Credit rating agencies provide assessments of an investment's risk. The issuers of investments, especially debt securities, pay credit rating agencies to provide them with ratings. The three most prominent NRSROs are Fitch, S&P, and Moody's.

**NEGOTIABLE CERTIFICATE OF DEPOSIT (CD).** A short-term debt instrument that pays interest and is issued by a bank, savings or federal association, state or federal credit union, or state-licensed branch of a foreign bank. Negotiable CDs are traded in a secondary market.

**PRIMARY DEALER.** A financial institution (1) that is a trading counterparty with the Federal Reserve in its execution of market operations to carry out U.S. monetary policy, and (2) that participates for statistical reporting purposes in compiling data on activity in the U.S. Government securities market.

**PRUDENT PERSON (PRUDENT INVESTOR (PRUDENT PERSON) RULE.** A standard of responsibility which applies to fiduciaries. In California, the rule is stated as "Investments shall be managed with

the care, skill, prudence and diligence, under the circumstances then prevailing, that a prudent person, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of like character and with like aims to accomplish similar purposes.”

**REPURCHASE AGREEMENT.** Short-term purchases of securities with a simultaneous agreement to sell the securities back at a higher price. From the seller’s point of view, the same transaction is a reverse repurchase agreement.

**SAFEKEEPING.** A service to bank customers whereby securities are held by the bank in the customer’s name.

**SECURITIES AND EXCHANGE COMMISSION (SEC).** The U.S. Securities and Exchange Commission (SEC) is an independent federal government agency responsible for protecting investors, maintaining fair and orderly functioning of securities markets and facilitating capital formation. It was created by Congress in 1934 as the first federal regulator of securities markets. The SEC promotes full public disclosure, protects investors against fraudulent and manipulative practices in the market, and monitors corporate takeover actions in the United States.

**SECURITIES AND EXCHANGE COMMISSION SEC) RULE 15c3-1.** An SEC rule setting capital requirements for brokers and dealers. Under Rule 15c3-1, a broker or dealer must have sufficient liquidity in order to cover the most pressing obligations. This is defined as having a certain amount of liquidity as a percentage of the broker/dealer’s total obligations. If the percentage falls below a certain point, the broker or dealer may not be allowed to take on new clients and may have restrictions placed on dealings with current client.

**STRUCTURED NOTE.** A complex, fixed income instrument, which pays interest, based on a formula tied to other interest rates, commodities or indices. Examples include inverse floating rate notes which have coupons that increase when other interest rates are falling, and which fall when other interest rates are rising, and "dual index floaters," which pay interest based on the relationship between two other interest rates - for example, the yield on the ten-year Treasury note minus the Libor rate. Issuers of such notes lock in a reduced cost of borrowing by purchasing interest rate swap agreements.

**SUPRANATIONAL.** A Supranational is a multi-national organization whereby member states transcend national boundaries or interests to share in the decision making to promote economic development in the member countries.

**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.

**U.S. TREASURY OBLIGATIONS.** Securities issued by the U.S. Treasury and backed by the full faith and credit of the United States. Treasuries are considered to have no credit risk and are the benchmark for interest rates on all other securities in the US and overseas. The Treasury issues both discounted securities and fixed coupon notes and bonds.

**TREASURY BILLS.** All securities issued with initial maturities of one year or less are issued as discounted instruments and are called Treasury bills. The Treasury currently issues three- and six-month T-bills at regular weekly auctions. It also issues “cash management” bills as needed to smooth out cash flows.

**TREASURY NOTES.** All securities issued with initial maturities of two to ten years are called Treasury notes and pay interest semi-annually.

**TREASURY BONDS.** All securities issued with initial maturities greater than ten years are called Treasury bonds. Like Treasury notes, they pay interest semi-annually.

**YIELD TO MATURITY.** The annualized internal rate of return on an investment which equates the expected cash flows from the investment to its cost.

**Investment Policy Guidelines  
of the  
Vallejo Flood and Wastewater District**



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Prepared by the Finance Department

**Investment Policy Guidelines  
Vallejo Flood and Wastewater District**

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## **A. Policy**

It is the policy of the Vallejo Sanitation & Flood Control District to invest public funds in a prudent manner which will preserve principal, maintain liquidity to meet the daily cash flow demands of the District and achieve a reasonable rate of return while conforming to all state and local statutes governing the investment of public funds.

## **B. Scope**

This investment policy applies to all moneys (surplus financial assets) and investment activities of the District. These moneys are accounted in the monthly financial reports and the comprehensive annual financial report of District which are under the Treasurer's scope of control unless specifically exempted by statute or resolution. The investment of bond proceeds in the custody of a Trustee shall be governed in accordance with the investment guidelines contained in the bond indenture.

## **C. Prudence**

The standard of prudence to be used by investment officials in the management of District moneys shall be the Prudent Investor Standard as authorized under Section 53600.3 of the California Government Code which shall be applied in the context of managing all aspects of the overall portfolio. Pursuant to California Government Code, all persons authorized to make investment decisions on behalf of the District are trustees and therefore fiduciaries subject to the Prudent Investor Standard:

“...all governing bodies of local agencies or persons authorized to make investment decisions on behalf of those local agencies investing public funds pursuant to this chapter are trustees and therefore fiduciaries subject to the prudent investor standard. When investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the Agency, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the Agency. Within the limitations of this section and considering individual investments as part of an overall strategy, investments may be acquired as authorized by law”.

## **D. Objective**

The objective of this policy is to provide guidance to invest District funds in accordance with California Government Code Section 53600.5 which states that when investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, the primary objective of a trustee shall be to safeguard the principal of the funds under its control. The secondary objective shall be to meet liquidity needs of the depositor. The third objective shall be to achieve a return on the funds under its control. Using sound treasury management principles, this policy seeks to achieve, in order of priority:

1. Safety: Safety of principal is the foremost objective of the investment program. Investments of the District shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. To attain this objective, the District will diversify its investments by investing funds among a variety of securities and other

investments with independent returns.

2. Liquidity: The District's investment portfolio will maintain sufficient liquidity to enable the District to meet all operating requirements which might be reasonably anticipated.
3. Return on Investments: The District's investment portfolio shall be designed with the objective of attaining a rate of return commensurate with the District's investment risk constraints and the cash flow characteristics of the portfolio.

#### **E. Delegation of Authority**

Pursuant to California Government Code Section 53607, management responsibility for the investment program is hereby delegated to the District Treasurer, who shall establish written procedures for the operation of the investment program consistent with this investment policy. This responsibility includes authority to select brokers, establish safekeeping accounts, enter into wire transfer agreements, banking service contracts, and collateral/depository agreements. The Treasurer shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials. This delegation shall be for no greater than one year and may be revoked at any time, or, upon review, renewed each year.

The District may engage the services of one or more external investment advisers, who are registered under the Investment Advisers Act of 1940, to assist in the management of the District's investment portfolio in a manner consistent with the District's objectives. External investment advisers may be granted discretion to purchase and sell investment securities in accordance with this investment policy.

The District's overall investment program shall be designed and managed with a degree of professionalism that is worthy of the public trust. The District recognizes that in a diversified portfolio, occasional measured losses may be inevitable and must be considered within the context of the overall portfolio's return and the cash flow requirements of the District.

#### **F. Ethics and Conflicts of Interest**

All participants in the investment process shall act as custodians of the public trust. Investment officials shall recognize that the investment portfolio is subject to public review and evaluation. Officers and employees involved in the investment process shall refrain from any personal business activity that could conflict with the proper execution and management of the investment program or which could impair their ability to make impartial investment decisions for the District. Additionally, the Treasurer is required to annually file applicable financial disclosures as required by the Fair Political Practices Commission (FPPC) and/or the District's Conflict of Interest Code.

#### **G. Authorized Financial Dealers and Institutions**

The District shall transact business only with banks, associations, and with broker/dealers licensed by the State of California. To the extent practicable, the District Treasurer shall endeavor to complete investment transactions using a competitive bid process whenever possible.

In accordance with Section 53601.5, institutions eligible to transact investment business with the District include:

- Institutions licensed by the state as a broker-dealer, as defined in Section 25004 of

the Corporations Code.

- Institutions that are members of a federally regulated securities exchange.
- Savings association or federal association as defined by Section 5102 of the Financial Code.
- Primary government dealers as designated by the Federal Reserve Bank.
- Nationally or state-chartered banks.
- The Federal Reserve Bank.
- Direct issuers of securities eligible for purchase.

Investment staff shall investigate dealers who wish to do business with the District to determine if they are adequately capitalized, have pending legal action against the firm or the individual broker and make markets in the securities appropriate to the District's needs.

The District Treasurer shall annually send a copy of the current Investment Policy to all broker/dealers approved to do business with the District. Confirmation of receipt of this policy shall be considered evidence that the dealer understands the District's Investment Policy and intends to sell the District only appropriate investments authorized by this Investment Policy.

Selection of financial institutions and broker/dealers authorized to engage in transactions will be at the sole discretion of the District, except where the District utilizes an external investment adviser in which case the District may rely on the adviser for selection.

Public deposits will be made only in qualified public depositories as established by State law. Deposits will be insured by the Federal Deposit Insurance Corporation, or, to the extent the amount exceeds the insured maximum, will be collateralized in accordance with State law.

Selection of broker/dealers used by an external investment adviser retained by the District will be at the sole discretion of the adviser. Where possible, transactions with broker/dealers shall be selected on a competitive basis and their bid or offering prices shall be recorded. If there is no other readily available competitive offering, best efforts will be made to document quotations for comparable or alternative securities. When purchasing original issue instrumentality securities, no competitive offerings will be required as all dealers in the selling group offer those securities at the same original issue price.

#### **H. Use of External Professional Investment Manager**

The District may employ the services of a professional investment manager to assist in the management of the District's investment portfolio. Such manager may be granted the discretion to purchase and sell investment securities in accordance with this Investment Policy. A professional investment manager shall only be retained by written agreement with the District, and approved by the Board of Trustees, and must contractually agree to conform to the District's Investment Policy and all provisions of governing law and collateralization and other requirements contained herein.

#### **I. Authorized Investments**

The District's investments are governed by California Government Code, Sections 53600 et seq. Within the investments permitted by the Code, the District seeks to further restrict eligible investments to the guidelines listed below. In the event a discrepancy is found between this

policy and the Code, the more restrictive parameters will take precedence. Percentage holding limits and credit quality minimums listed in this section apply at the time the security is purchased.

Any investment currently held at the time the policy is adopted which does not meet the new policy guidelines can be held until maturity, and shall be exempt from the current policy. At the time of the investment's maturity or liquidation, such funds shall be reinvested only as provided in the current policy.

An appropriate risk level shall be maintained by primarily purchasing securities that are of high quality, liquid, and marketable. The portfolio shall be diversified by security type and institution to avoid incurring unreasonable and avoidable risks regarding specific security types or individual issuers.

**MUNICIPAL SECURITIES** include obligations of the District, the State of California and any local agency within the State of California, provided that the securities are rated in a rating category of "A" or its equivalent or better by at least one nationally recognized statistical rating organization ("NRSRO"). No more than 5% of the portfolio may be invested in any single issuer. No more than 30% of the portfolio may be in Municipal Securities. The maximum maturity does not exceed five (5) years.

**MUNICIPAL SECURITIES (REGISTERED TREASURY NOTES OR BONDS)** of any of the other 49 states in addition to California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state or by a department, board, agency, or authority of any of the other 49 states, in addition to California. The securities are rated in a rating category of "A" or its equivalent or better by at least one NRSRO. No more than 5% of the portfolio may be invested in any single issuer. No more than 30% of the portfolio may be in Municipal Securities. The maximum maturity does not exceed five (5) years.

**U.S. TREASURIES** and other government obligations for which the full faith and credit of the United States are pledged for the payment of principal and interest. There are no limits on the dollar amount or percentage that the District may invest in U.S. Treasuries, provided that the maximum maturity is five (5) years.

**FEDERAL AGENCIES** or United States Government-Sponsored Enterprise obligations, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises. There are no limits on the dollar amount or percentage that the District may invest in Federal Agency or Government-Sponsored Enterprises (GSEs), provided that no more than 30% of the portfolio may be invested in any single Agency/GSE issuer. The maximum maturity does not exceed five (5) years. The maximum percent of federal callable agency securities in the portfolio will be 20%.

**BANKERS' ACCEPTANCES:** As provided in Government Code Section 53601 (g), up to 40% of the District's moneys may be invested in Bankers Acceptances (that are eligible for purchase by the Federal Reserve System), although no more than 5% of the moneys may be invested in Bankers Acceptances of any one commercial bank. Additionally, the maturity period of any Bankers Acceptance shall not exceed 180 days. Eligible bankers' acceptances must be issued by institutions which have short-term debt obligations rated "A-1" or its equivalent or better by at least one NRSRO; or long-term debt obligations which

are rated in a rating category of “A” or its equivalent or better by at least one NRSRO.

**COMMERCIAL PAPER:** As authorized in Government Code Section 53601 (h), up to 25% of the District’s moneys may be invested in “prime” commercial paper of quality of the highest ranking or of the highest letter and number rating provided by a NRSRO. The issuing corporation must meet all of the following conditions in either paragraph (1) or paragraph (2):

(1) The entity meets the following criteria:

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

(2) The entity meets the following criteria:

- a. Is organized within the United States as a special purpose corporation, trust, or limited liability company.
- b. Has program-wide credit enhancements including, but not limited to, overcollateralization, letters of credit, or a bond.
- c. Has commercial paper that is rated “A-1” or higher, or the equivalent, by an NRSRO.

The District shall not purchase more than 10% of the outstanding commercial paper of any one issuer. No more than 5% of the portfolio may be invested in a single commercial paper issuer. Maturities may not exceed 270 days.

**NEGOTIABLE CERTIFICATES OF DEPOSIT OR BONDS (NCD):** As authorized in Government Code Section 53601 (i), up to 30% of District’s moneys may be invested in negotiable certificates of deposit issued by a nationally or state-chartered bank, or a savings or federal association, a state or federal credit union, or by a federally-licensed or state-licensed branch of a foreign bank. The maturity period for this investment vehicle may not exceed five years unless approved by the Board of Trustees. The amount of the NCD insured up to the FDIC limit does not require any credit ratings. Any amount above the FDIC insured limit must be issued by institutions which have short-term debt obligations rated “A-1” or its equivalent or better by at least one NRSRO; or long-term obligations rated in a rating category of “A” or its equivalent or better by at least one NRSRO. No more than 5% of the portfolio may be invested in any single issuer.

**MEDIUM-TERM CORPORATE NOTES:** As authorized in Government Code Section 53601 (k), up to 30% of District’s moneys may be invested in medium term corporate notes. Maturities may not exceed five years. The issuing corporation must be organized and operating within the U.S. or be a depository institution licensed by the United States or any state and operating within the United States, and must be rated in a rating category of “A” or its equivalent or better by an NRSRO. No more than 5% of the portfolio may be invested in any single issuer.

**MUTUAL FUNDS and MONEY MARKET MUTUAL FUNDS.** Mutual Funds are referred to in California Government Code Section 53601(l), as "shares of beneficial interest issued

by diversified management companies." Mutual Funds and Money Market Mutual Funds that are registered with the Securities and Exchange Commission under the Investment Company Act of 1940 are authorized investments for funds subject to the following provisions:

(1) **Mutual Funds** that invest in the securities and obligations as authorized under California Government Code Section 53601(a) to (k) and (m) to (q) inclusive and that meet either of the following criteria:

- a. Attained the highest ranking or the highest letter and numerical rating provided by not less than two (2) NRSROs; or
- b. Have retained an investment advisor registered or exempt from registration with the Securities and Exchange Commission with not less than five years' experience investing in the securities and obligations authorized by California Government Code Section 53601 and with assets under management in excess of \$500 million.
- c. No more than 10% of the total portfolio may be invested in shares of any one Mutual Fund.

(2) **Money Market Mutual Funds** registered with the Securities and Exchange Commission under the Investment Company Act of 1940 and issued by diversified management companies and meet either of the following criteria:

- a. Have attained the highest ranking or the highest letter and numerical rating provided by not less than two (2) NRSROs; or
- b. Have retained an investment advisor registered or exempt from registration with the Securities and Exchange Commission with not less than five years' experience managing money market mutual funds with assets under management in excess of \$500 million.
- c. No more than 20% of the total portfolio may be invested in the shares of any one Money Market Mutual Fund.

All Money Market Mutual Funds must be compliant with Rule 2a-7 of the Investment Company Act of 1940.

- No more than 20% of the total portfolio may be invested in these securities.

**TIME CERTIFICATES OF DEPOSIT:** As authorized in Government Code Section 53630 and following, the District may invest moneys in non-negotiable, fixed-term Certificates of Deposit collateralized in accordance with the Government Code requirements. In order to secure such deposits, an institution shall maintain in the collateral pool securities having a market value of at least 10% in excess of the total amount deposited (50% in excess of the total amount of deposits secured by promissory notes secured by first mortgages and first trust deeds). The District is permitted to waive the first \$250,000 of collateral security for such deposits if the institution is insured pursuant to federal law. No more than 20% of the portfolio may be in Time Certificates of Deposit. The maximum maturity does not exceed five (5) years. Time Certificates of Deposit may be purchased from banks, associations, federally insured credit unions, and federally insured industrial loan companies which meet the requirements set forth in the Government Code.

**COLLATERALIZED BANK DEPOSITS.** District's deposits with financial institutions will be collateralized with pledged securities per California Government Code, Section 53651. There are no limits on the dollar amount or percentage that the District may invest in collateralized bank deposits.

**REPURCHASE AGREEMENTS** collateralized with securities authorized under California Government Code, maintained at a level of at least 102% of the market value of the Repurchase Agreement. There are no limits on the dollar amount or percentage that the District may invest, provided that securities used as collateral for Repurchase Agreements will be delivered to an acceptable third party custodian. Repurchase Agreements are subject to a Master Repurchase Agreement between the District and the provider of the repurchase agreement. The Master Repurchase Agreement will be substantially in the form developed by the Securities Industry and Financial Markets Association (SIFMA). The maximum maturity does not exceed one (1) year.

**ASSET-BACKED, MORTGAGE-BACKED, MORTGAGE PASS-THROUGH SECURITIES, AND COLLATERALIZED MORTGAGE OBLIGATIONS FROM ISSUERS NOT ISSUED BY THE U.S. GOVERNMENT AND ITS FEDERAL AGENCIES,** provided that the securities are rated in a rating category of "AA" or its equivalent or better by a NRSRO. No more than 20% of the total portfolio may be invested in these securities. No more than 5% of the portfolio may be invested in any single Asset-Backed or Commercial Mortgage security issuer. The maximum legal final maturity does not exceed five (5) years.

**SUPRANATIONALS,** provided that issues are US dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development, International Finance Corporation, or Inter-American Development Bank. The securities must be rated in a rating category of "AA" or its equivalent or better by a NRSRO. No more than 30% of the total portfolio may be invested in these securities. No more than 10% of the portfolio may be invested in any single issuer. The maximum maturity does not exceed five (5) years.

**LOCAL AGENCY INVESTMENT FUND (LAIF):** As authorized by Government Code Section 16429.1, the District may invest in the Local Agency Investment Fund, a pooled investment money market fund established by the State of California and managed by the California State Treasurer's Office. The District is a current participant in this fund.

**JOINT POWERS AUTHORITY (JPA) POOLS:** JPAs organized pursuant to California Government Code Section 6509.7 that invest in securities and obligations authorized in subdivisions (a) to (r), inclusive. Each share shall represent an equal proportional interest in the underlying pool of securities owned by the JPA. The advisor shall be registered or exempt from registration with the Securities and Exchange Commission, have at least five years of experience investing in the securities and obligations authorized in subdivisions (a) to (q), inclusive, and have assets under management in excess of five hundred million dollars.

## **J. Prohibited Investments**

State law notwithstanding, any investments not specifically described herein are prohibited, including, but not limited to futures and options. The District shall not invest any moneys, pursuant to Government Code 53601.6 or pursuant to Article 2 (commencing with Section 53630), in inverse floaters, range notes, mortgage- derived, or interest-only strips that are

derived from a pool of mortgages. In addition, the District shall not invest in any security that could result in zero interest accrual if held to maturity, except that, under a provision of state law sunsetting on January 1, 2026, securities backed by the U.S. Government that could result in a zero- or negative-interest accrual if held to maturity are permitted. Trading securities for the sole purpose of speculating on the future direction of interest rates is prohibited. Purchasing or selling securities on margin is prohibited. The use of reverse repurchase agreements, securities lending or any other form of borrowing or leverage is prohibited. The purchase of foreign currency denominated securities is prohibited. Agencies that are not Qualified Institutional Buyers (QIB) as defined by the Securities and Exchange Commission are prohibited from purchasing Private Placement Securities. The SEC has defined a QIB as having at least \$100,000,000 in securities owned and invested. The purchase of a security with a forward settlement date exceeding 45 days from the time of the investment is prohibited.

#### **K. Social Responsibility**

Investment of funds should be guided by the following socially responsible investment goals when investing in corporate securities and depository institutions. Investments should be made in compliance with these goals to the extent that such investments achieve substantially equivalent safety, liquidity and yield compared to investments permitted by California state law.

The District shall seek opportunities for investing in companies that have a positive impact on the environment and fair workplace practices. Investments are encouraged in entities that support equality of rights, regardless of sex, race, religion, age, disability or sexual orientation. No investment is to be made in a company that receives more than 51 percent of its gross revenues from the production or manufacture of fossil fuels, weapons manufacturing, cigarettes, alcohol or gaming products.

#### **L. Investment Pools/Mutual Funds**

The Treasurer shall have a thorough understanding of the operational areas listed below for each pool and/or fund prior to investing, and on a continual basis.

- A description of eligible investment securities, and a written statement of investment policy and objectives.
- A description of interest calculations and how interest is distributed, and how gains and losses are treated.
- A description of how the securities are safeguarded (including the settlement processes), and how often the securities are priced and the program is audited.
- A description of who may invest in the program, how often, and the permissible size of deposit and withdrawal.
- A schedule for receiving statements and portfolio listings.
- Whether reserves, retained earnings, etc. are utilized by the pool/fund.
- A fee schedule, and when and how it is assessed.
- Whether the pool/fund is eligible for bond proceeds and/or whether it will accept such proceeds.

## **M. Collateral Requirements**

Collateral is required for investments in certificates of deposit. The value of eligible securities as defined pursuant to California Government Code, Section 53651, pledged against a Certificate of Deposit shall be equal to 150% of the face value of the CD if the securities are classified as mortgages and 110% of the face value of the CD for all other classes of security. The other securities acceptable as collateral shall be direct obligations which are fully guaranteed as to principal and interest by the United States Government or any agency or government sponsored enterprise of the United States. Collateral must be held in the District's name by an independent third party with whom the District has a current custodial agreement. A clearly marked evidence of ownership (safekeeping receipt) must be supplied to the District.

The District requires that Repurchase Agreements be collateralized only by securities authorized in accordance with California Government Code:

- The securities which collateralize the repurchase agreement shall be priced at Market Value, including any Accrued Interest plus a margin. The Market Value of the securities that underlie a repurchase agreement shall be valued at 102% or greater of the funds borrowed against those securities.
- Financial institutions shall mark the value of the collateral to market at least monthly and increase or decrease the collateral to satisfy the ratio requirement described above.
- The District shall receive monthly statements of collateral.

## **N. Safekeeping and Custody**

To protect against fraud or embezzlement or losses caused by collapse of an individual securities dealer, all securities owned by the District shall be held in safekeeping by a third party custodian, acting as agent for the District under the terms of a custody agreement executed by the Treasurer. All security transactions will settle delivery vs. payment (DVP) through the District's safekeeping agent. Securities purchased from brokers/dealers shall be held in third party safekeeping by the trust department of the District's main bank, or by another third party trustee designated by the Treasurer.

Securities held in custody for the District shall be independently audited annually to verify investment holdings.

## **O. Delivery**

The purchase of an eligible security shall require delivery of the securities to the District, including those purchased for the District by financial advisors, consultants, or managers using the District's moneys, by book entry, physical delivery, or by third party custodial agreement. The transfer of securities to the counter party bank's customer book entry account may be used for book entry delivery. A counter party bank's trust department or separate safekeeping department may be used for the physical delivery of the security if it is held in the District's name. All investment transactions shall be conducted on a delivery-versus-payment basis, with exceptions to the delivery requirements for local government investment pools, time certificates of deposit, and mutual funds and money market mutual funds, since these securities are not deliverable.

## **P. Risk Management and Diversification**

### **Mitigating Credit Risk in the Portfolio**

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

- The diversification requirements included in the “Authorized Investments” section of this policy are designed to mitigate credit risk in the portfolio.
- No more than 5% of the total portfolio may be deposited with or invested in securities issued by any single issuer with the exception of US Treasuries, Federal Agencies, LAIF, mutual funds, money market funds, or supranational securities, or unless otherwise specified in this policy.
- The District may elect to sell a security prior to its maturity and record a capital gain or loss in order to manage the quality, liquidity or yield of the portfolio in response to market conditions or District’s risk preferences.
- If the credit ratings of any security owned by the District are downgraded to a level below the quality required by this investment policy, it will be the District’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 security is downgraded, the Treasurer will use discretion in determining whether to sell or hold the security based on its current maturity, the economic outlook for the issuer, and other relevant factors.
  - If a decision is made to retain a downgraded security in the portfolio, its presence in the portfolio will be monitored and reported monthly to the District Board.

## **MITIGATING MARKET RISK IN THE PORTFOLIO**

Market risk is the risk that the portfolio value will fluctuate due to changes in the general level of interest rates. The District recognizes that, over time, longer-term portfolios have the potential to achieve higher returns. On the other hand, longer-term portfolios have higher volatility of return. The District will mitigate market risk by providing adequate liquidity for short-term cash needs, and by making longer-term investments only with funds that are not needed for current cash flow purposes.

The District further recognizes that certain types of securities, including variable rate securities, securities with principal paydowns prior to maturity, and securities with embedded options, will affect the market risk profile of the portfolio differently in different interest rate environments. The Agency, therefore, adopts the following strategies to control and mitigate its exposure to market risk:

- The District will maintain a minimum of six months of budgeted operating expenditures in short term investments to provide sufficient liquidity for expected disbursements.
- The maximum stated final maturity of individual securities in the portfolio will be five (5) years, except as otherwise stated in this policy.
- The duration of the portfolio will generally be approximately equal to the duration (typically, plus or minus 20%) of a Market Benchmark, an index selected by the District based on the District’s investment objectives, constraints and risk tolerances.

### **Q. Maximum Maturity**

The District will attempt to match its investments with anticipated cash flow requirements whenever possible. Pursuant to California Government Code Section 53601, the District will not invest in any security with a final maturity of more than five years from the date of settlement, unless the Board of Trustees has granted express authority to make that investment at least three months before the investment is made.

#### **R. Internal Control**

Separation of functions between the receipt and transfer of funds is designed to provide an ongoing internal review to prevent the potential for converting assets or concealing transactions. Existing procedures require all wire transfers to be approved by the Finance Director/Treasurer or District Manager. Proper documentation obtained from confirmation and cash disbursement wire transfers is required for each investment transaction. Timely bank reconciliation is conducted to ensure proper handling of all transactions. The investment portfolio and all related transactions are reviewed and balanced to appropriate general ledger accounts by the Finance Department on a monthly basis. All employees involved in the investment of District moneys must be properly bonded. District shall receive confirmations from the financial institutions. All investment confirmations received from financial institutions shall be reviewed for accuracy and filed. The District investment accounting software package shall meet all legal reporting requirements. An independent confirmation by an external auditor shall be conducted annually to review internal control, account activity and compliance with policies and procedures.

#### **S. Other Guidelines**

1. **Pooled Cash:** Cash for all District enterprise funds are consolidated into one general bank account and one payroll account (except bond proceeds, retirement portfolios, and deferred compensation moneys) and invested on a pooled concept basis.
2. **Liquidity:** Liquidity refers to the ability to convert investment holdings to cash immediately with minimal loss of principal or accrued interest. This quality is important when the need for unexpected moneys suddenly occurs. The secondary duty of the Treasurer is to ensure that the liquidity needs of the District are met.
3. **Selling Securities Prior to Maturity:** It is the District's intent, at the time of purchase, to hold all investments until maturity. However, investments may be sold prior to maturity for cash flow purposes or to take advantage of principal appreciation. Generally, losses are acceptable on a sale before maturity if the earnings from the reinvested proceeds will exceed the income that would have been generated by the old investment considering any capital loss or foregone interest on the original investment.
4. **Time Deposit Placement:** Time deposits (insured and collateralized certificates of deposit) are not placed with banks, credit unions and/or associations unless an office is maintained in the State of California.
5. **TCD Evaluation:** Time Certificates of Deposit (TCD) are evaluated in terms of FDIC coverage. For deposits in excess of the insured maximum of \$250,000 approved levels of collateral at full market value are required, as prescribed in the California Government Code.
6. **Security Marketability:** The marketability (salability) of a security is considered at the time of purchase, as the security may have to be sold prior to maturity in order to meet

unanticipated cash demands.

7. **Cash Flow Requirements Used to Establish Maturity:** Projected cash flow requirements and the overall weighted average maturity of the District's investment portfolio are the primary factors to be used in determining investment maturity terms.

## **T. Strategy**

Strategy refers to the ability to manage the District's financial resources in the most advantageous manner.

1. **Economic Forecasts:** The Treasurer obtains economic forecasts periodically from investment professionals to assist with the formulation of an investment strategy for the District.

2. **Developing the Investment Plan:** The Treasurer should anticipate changes in interest rates, inflation, monetary and/or fiscal policy, and other economic indicators and evaluate their impact on the District's portfolio.

## **U. Performance Standards**

The investment portfolio shall be designed to attain a market-average rate of return throughout budgetary and economic cycles, taking into account the District's risk constraints, the cash flow characteristics of the portfolio, and state and local laws, ordinances or resolutions that restrict investments.

The Treasurer shall monitor and evaluate the portfolio's performance relative to the chosen market benchmark(s), which will be included in the Treasurer's monthly report. The Treasurer shall select an appropriate, readily available index to use as a market benchmark.

## **V. Reporting**

### **Monthly Report**

Monthly transaction reports will be submitted by the Treasurer to the Board of Trustees in accordance with California Government Code Section 53607.

### **Annual Policy Approval**

The Treasurer shall submit the investment policy annually to the Board, disclose the sources of market value information, confirm compliance with the guidelines or explain the differences, and affirm the agency's ability to meet its obligations over the next six months.

## **W. Investment Policy Adoption**

The District's investment policy guidelines shall be adopted by resolution as modifications are required due to changing economic conditions and legislative changes affecting public agency investment practices.

## GLOSSARY OF INVESTMENT TERMS

- AGENCIES.** Shorthand market terminology for any obligation issued by a *government-sponsored entity (GSE)*, or a *federally related institution*. Most obligations of GSEs are not guaranteed by the full faith and credit of the US government. Examples are:
- FFCB.** The Federal Farm Credit Bank System provides credit and liquidity in the agricultural industry. FFCB issues discount notes and bonds.
- FHLB.** The Federal Home Loan Bank provides credit and liquidity in the housing market. FHLB issues discount notes and bonds.
- FHLMC.** Like FHLB, the Federal Home Loan Mortgage Corporation provides credit and liquidity in the housing market. FHLMC, also called “Freddie Mac” issues discount notes, bonds and mortgage pass-through securities.
- FNMA.** Like FHLB and FreddieMac, the Federal National Mortgage Association was established to provide credit and liquidity in the housing market. FNMA, also known as “Fannie Mae,” issues discount notes, bonds and mortgage pass-through securities.
- GNMA.** The Government National Mortgage Association, known as “Ginnie Mae,” issues mortgage pass-through securities, which are guaranteed by the full faith and credit of the US Government.
- PEFCO.** The Private Export Funding Corporation assists exporters. Obligations of PEFCO are not guaranteed by the full faith and credit of the US government.
- TVA.** The Tennessee Valley Authority provides flood control and power and promotes development in portions of the Tennessee, Ohio, and Mississippi River valleys. TVA currently issues discount notes and bonds.
- ASSET BACKED SECURITIES.** Securities supported by pools of installment loans or leases or by pools of revolving lines of credit.
- AVERAGE LIFE.** In mortgage-related investments, including CMOs, the average time to expected receipt of principal payments, weighted by the amount of principal expected.
- BANKER’S ACCEPTANCE.** A money market instrument created to facilitate international trade transactions. It is highly liquid and safe because the risk of the trade transaction is transferred to the bank which “accepts” the obligation to pay the investor.
- BENCHMARK.** A comparison security or portfolio. A performance benchmark is a partial market index, which reflects the mix of securities allowed under a specific investment policy.
- BROKER.** A broker brings buyers and sellers together for a transaction for which the broker receives a commission. A broker does not sell securities from their own position.
- CALLABLE.** A callable security gives the issuer the option to call it from the investor prior to its maturity. The main cause of a call is a decline in interest rates. If interest rates decline, the issuer will likely call its current securities and reissue them at a lower rate of interest.
- CERTIFICATE OF DEPOSIT (CD).** A time deposit with a specific maturity evidenced by a certificate.
- CERTIFICATE OF DEPOSIT ACCOUNT REGISTRY SYSTEM (CDARS).** A private placement service that allows local agencies to purchase more than \$250,000 in CDs from a single financial institution (must be a participating institution of CDARS) while still maintaining FDIC insurance coverage. CDARS is currently the only entity providing this service. CDARS facilitates the trading of deposits between the California institution and other participating institutions in amounts that are less than \$250,000 each, so that FDIC coverage is maintained.
- COLLATERAL.** Securities or cash pledged by a borrower to secure repayment of a loan or repurchase agreement. Also, securities pledged by a financial institution to secure deposits of public monies.
- COLLATERALIZED BANK DEPOSIT.** A bank deposit that is collateralized at least 100% (principal plus interest to maturity). The deposit is collateralized using assets set aside by the issuer such as Treasury securities or other qualified collateral to secure the deposit in excess of the limit

- covered by the Federal Deposit Insurance Corporation.
- COLLATERALIZED MORTGAGE OBLIGATIONS (CMO).** Classes of bonds that redistribute the cash flows of mortgage securities (and whole loans) to create securities that have different levels of prepayment risk, as compared to the underlying mortgage securities.
- COLLATERALIZED TIME DEPOSIT.** Time deposits that are collateralized at least 100% (principal plus interest to maturity). These instruments are collateralized using assets set aside by the issuer such as Treasury securities or other qualified collateral to secure the deposit in excess of the limit covered by the Federal Deposit Insurance Corporation.
- COMMERCIAL PAPER.** The short-term unsecured debt of corporations.
- COUPON.** The rate of return at which interest is paid on a bond.
- CREDIT RISK.** The risk that principal and/or interest on an investment will not be paid in a timely manner due to changes in the condition of the issuer.
- DEALER.** A dealer acts as a principal in security transactions, selling securities from and buying securities for their own position.
- DEBENTURE.** A bond secured only by the general credit of the issuer.
- DELIVERY VS. PAYMENT (DVP).** A securities industry procedure whereby payment for a security must be made at the time the security is delivered to the purchaser's agent.
- DERIVATIVE.** Any security that has principal and/or interest payments which are subject to uncertainty (but not for reasons of default or credit risk) as to timing and/or amount, or any security which represents a component of another security which has been separated from other components ("Stripped" coupons and principal). A derivative is also defined as a financial instrument the value of which is totally or partially derived from the value of another instrument, interest rate, or index.
- DISCOUNT.** The difference between the par value of a bond and the cost of the bond, when the cost is below par. Some short-term securities, such as T-bills and banker's acceptances, are known as discount securities. They sell at a discount from par and return the par value to the investor at maturity without additional interest. Other securities, which have fixed coupons, trade at a discount when the coupon rate is lower than the current market rate for securities of that maturity and/or quality.
- DIVERSIFICATION.** Dividing investment funds among a variety of investments to avoid excessive exposure to any one source of risk.
- DURATION.** The weighted average time to maturity of a bond where the weights are the present values of the future cash flows. Duration measures the price sensitivity of a security to changes interest rates.
- FEDERAL DEPOSIT INSURANCE CORPORATION (FDIC).** The Federal Deposit Insurance Corporation (FDIC) is an independent federal agency insuring deposits in U.S. banks and thrifts in the event of bank failures. The FDIC was created in 1933 to maintain public confidence and encourage stability in the financial system through the promotion of sound banking practices.
- FEDERALLY INSURED TIME DEPOSIT.** A time deposit is an interest-bearing bank deposit account that has a specified date of maturity, such as a certificate of deposit (CD). These deposits are limited to funds insured in accordance with FDIC insurance deposit limits.
- LEVERAGE.** Borrowing funds in order to invest in securities that have the potential to pay earnings at a rate higher than the cost of borrowing.
- LIQUIDITY.** The speed and ease with which an asset can be converted to cash.
- LOCAL AGENCY INVESTMENT FUND (LAIF).** A voluntary investment fund open to government entities and certain non-profit organizations in California that is managed by the State Treasurer's Office.
- LOCAL GOVERNMENT INVESTMENT POOL.** Investment pools that range from the State Treasurer's Office Local Agency Investment Fund (LAIF) to county pools, to Joint Powers Authorities (JPAs). These funds are not subject to the same SEC rules applicable to money market mutual funds.

**MAKE WHOLE CALL.** A type of call provision on a bond that allows the issuer to pay off the remaining debt early. Unlike a call option, with a make whole call provision, the issuer makes a lump sum payment that equals the net present value (NPV) of future coupon payments that will not be paid because of the call. With this type of call, an investor is compensated, or "made whole."

**MARGIN.** The difference between the market value of a security and the loan a broker makes using that security as collateral.

**MARKET RISK.** The risk that the value of securities will fluctuate with changes in overall market conditions or interest rates.

**MARKET VALUE.** The price at which a security can be traded.

**MATURITY.** The final date upon which the principal of a security becomes due and payable. The investment's term or remaining maturity is measured from the settlement date to final maturity.

**MEDIUM TERM NOTES.** Unsecured, investment-grade senior debt securities of major corporations which are sold in relatively small amounts on either a continuous or an intermittent basis. MTNs are highly flexible debt instruments that can be structured to respond to market opportunities or to investor preferences.

**MODIFIED DURATION.** The percent change in price for a 100-basis point change in yields. Modified duration is the best single measure of a portfolio's or security's exposure to market risk.

**MONEY MARKET.** The market in which short-term debt instruments (T-bills, discount notes, commercial paper, and banker's acceptances) are issued and traded.

**MONEY MARKET MUTUAL FUND.** A mutual fund that invests exclusively in short-term securities. Examples of investments in money market funds are certificates of deposit and U.S. Treasury securities. Money market funds attempt to keep their net asset values at \$1 per share.

**MORTGAGE PASS-THROUGH SECURITIES.** A securitized participation in the interest and principal cash flows from a specified pool of mortgages. Principal and interest payments made on the mortgages are passed through to the holder of the security.

**MUNICIPAL SECURITIES.** Securities issued by state and local agencies to finance capital and operating expenses.

**MUTUAL FUND.** An entity which pools the funds of investors and invests those funds in a set of securities which is specifically defined in the fund's prospectus. Mutual funds can be invested in various types of domestic and/or international stocks, bonds, and money market instruments, as set forth in the individual fund's prospectus. For most large, institutional investors, the costs associated with investing in mutual funds are higher than the investor can obtain through an individually managed portfolio.

**NATIONALLY RECOGNIZED STATISTICAL RATING ORGANIZATION (NRSRO).**  
A credit rating agency that the Securities and Exchange Commission in the United States uses for regulatory purposes. Credit rating agencies provide assessments of an investment's risk. The issuers of investments, especially debt securities, pay credit rating agencies to provide them with ratings. The three most prominent NRSROs are Fitch, S&P, and Moody's.

**NEGOTIABLE CERTIFICATE OF DEPOSIT (CD).** A short-term debt instrument that pays interest and is issued by a bank, savings or federal association, state or federal credit union, or state-licensed branch of a foreign bank. Negotiable CDs are traded in a secondary market.

**PRIMARY DEALER.** A financial institution (1) that is a trading counterparty with the Federal Reserve in its execution of market operations to carry out U.S. monetary policy, and (2) that participates for statistical reporting purposes in compiling data on activity in the U.S. Government securities market.

**PRUDENT INVESTOR (PRUDENT PERSON) RULE.** A standard of responsibility which applies to fiduciaries. In California, the rule is stated as "Investments shall be managed with the care,

skill, prudence and diligence, under the circumstances then prevailing, that a prudent person, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of like character and with like aims to accomplish similar purposes.”

**REPURCHASE AGREEMENT.** Short-term purchases of securities with a simultaneous agreement to sell the securities back at a higher price. From the seller’s point of view, the same transaction is a reverse repurchase agreement.

**SAFEKEEPING.** A service to bank customers whereby securities are held by the bank in the customer’s name.

**SECURITIES AND EXCHANGE COMMISSION (SEC).** The U.S. Securities and Exchange Commission (SEC) is an independent federal government agency responsible for protecting investors, maintaining fair and orderly functioning of securities markets and facilitating capital formation. It was created by Congress in 1934 as the first federal regulator of securities markets. The SEC promotes full public disclosure, protects investors against fraudulent and manipulative practices in the market, and monitors corporate takeover actions in the United States.

**SECURITIES AND EXCHANGE COMMISSION SEC) RULE 15c3-1.** An SEC rule setting capital requirements for brokers and dealers. Under Rule 15c3-1, a broker or dealer must have sufficient liquidity in order to cover the most pressing obligations. This is defined as having a certain amount of liquidity as a percentage of the broker/dealer’s total obligations. If the percentage falls below a certain point, the broker or dealer may not be allowed to take on new clients and may have restrictions placed on dealings with current client.

**STRUCTURED NOTE.** A complex, fixed income instrument, which pays interest, based on a formula tied to other interest rates, commodities or indices. Examples include inverse floating rate notes which have coupons that increase when other interest rates are falling, and which fall when other interest rates are rising, and "dual index floaters," which pay interest based on the relationship between two other interest rates - for example, the yield on the ten-year Treasury note minus the Libor rate. Issuers of such notes lock in a reduced cost of borrowing by purchasing interest rate swap agreements.

**SUPRANATIONAL.** A Supranational is a multi-national organization whereby member states transcend national boundaries or interests to share in the decision making to promote economic development in the member countries.

**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.

**U.S. TREASURY OBLIGATIONS.** Securities issued by the U.S. Treasury and backed by the full faith and credit of the United States. Treasuries are considered to have no credit risk and are the benchmark for interest rates on all other securities in the US and overseas. The Treasury issues both discounted securities and fixed coupon notes and bonds.

**TREASURY BILLS.** All securities issued with initial maturities of one year or less are issued as discounted instruments and are called Treasury bills. The Treasury currently issues three- and six-month T-bills at regular weekly auctions. It also issues “cash management” bills as needed to smooth out cash flows.

**TREASURY NOTES.** All securities issued with initial maturities of two to ten years are called Treasury notes and pay interest semi-annually.

**TREASURY BONDS.** All securities issued with initial maturities greater than ten years are called Treasury bonds. Like Treasury notes, they pay interest semi-annually.

**YIELD TO MATURITY.** The annualized internal rate of return on an investment which equates the expected cash flows from the investment to its cost.



General Manager  
Mark Tomko

June 11, 2024

Board Communication

Consent Calendar, Section 4D

**TO:** The Honorable President and Board of Trustees  
**FROM:** Jeff Tucker, Director of Finance/Treasurer  
**PREPARED BY:** Olivia Ruiz, Finance Manager  
**SUBJECT:** Monthly Investment Report for April 2024

RECOMMENDATION

Receive and file the Monthly Investment Report for April 2024.

BACKGROUND AND DISCUSSION

The California Government Code, Section 53607, requires monthly reporting of investments to the Board of Trustees. The composition of investments must conform to the District's investment policy adopted annually and must be sufficiently liquid to meet cash flow needs for the next six months. The District adjusts its cash and investment book balances to reflect market value. The condensed investment report attached meets applicable reporting requirements.

The portfolio is designed to provide *safety* through balance, diversification, credit worthiness, and volatility reduction; *liquidity* through short-term pools, negotiable deposits, and investment laddering; and *yield (rate of return)* through longer duration, callable governments and higher yielding corporate notes where safe.

The portfolio incorporates the principles of the prudent investor standard and follows policy prepared in accordance with the requirements of the California Government Code. These requirements include public investing objectives, authorized investments, maturities, prohibited investments, reporting requirements, and Board oversight.

The District staff works closely with the Investment Advisor, Chandler Asset Management, to implement an investment strategy that considers the District's historical and anticipated liquidity needs and the current market conditions to maintain safety and maximize yield. Investments are and will continue to be purchased based upon conformance with District policy. All investments within the portfolio meet/met the California Government Code requirements for credit quality, maturity dates, and bond class percentages at the time of purchase.

The District has the financial ability to meet its cash flow requirements for the next six months.

ENVIRONMENTAL REVIEW

This is not a project under CEQA and no environmental review is required.

FISCAL IMPACT

None.

DOCUMENTS ATTACHED

A. Monthly Investment Report – April 2024

CONTACT PERSON

Jeff Tucker, Finance Director/Treasurer, (707) 652-7802

# MONTHLY ACCOUNT STATEMENT

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Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

**CHANDLER ASSET MANAGEMENT** | [chandlerasset.com](http://chandlerasset.com)

**Chandler Team:**

For questions about your account, please call (800) 317-4747,  
or contact [clientservice@chandlerasset.com](mailto:clientservice@chandlerasset.com)

**Custodian:**

# PORTFOLIO SUMMARY



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

## Portfolio Characteristics

Average Modified Duration	0.49
Average Coupon	1.41%
Average Purchase YTM	2.52%
Average Market YTM	2.93%
Average Quality	AA+
Average Final Maturity	0.56
Average Life	0.54

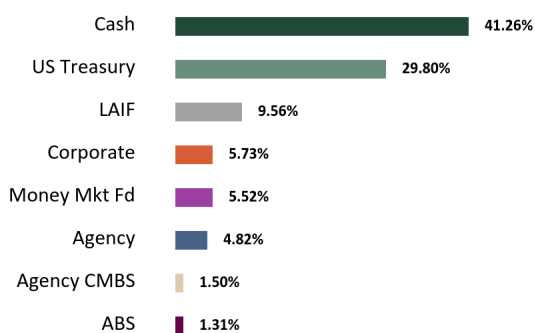
## Account Summary

	Beg. Values as of 04/01/2024	End Values as of 04/30/2024
Market Value	40,102,273.06	53,543,945.57
Accrued Interest	68,016.85	81,258.52
<b>Total Market Value</b>	<b>40,170,289.91</b>	<b>53,625,204.09</b>
Income Earned	975,251.96	176,730.83
Cont/WD	(4,150,000.00)	13,415,965.27
Par	40,505,384.89	53,984,503.18
Book Value	40,244,124.63	53,774,938.67
Cost Value	40,100,167.39	53,614,529.30

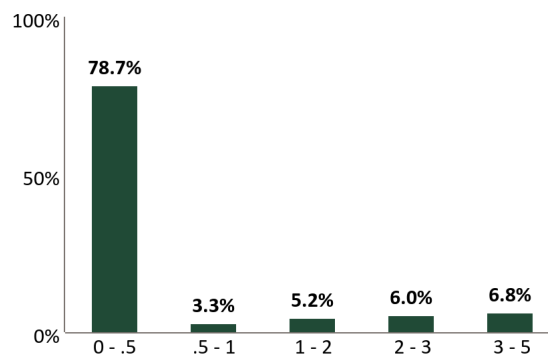
## Top Issuers

Checking Deposit	41.19%
United States	29.80%
LAIF	9.56%
First American Govt Oblig fund	5.52%
Farm Credit System	3.08%
Federal Home Loan Banks	1.74%
FHLMC	1.50%
Toyota Motor Corporation	0.43%

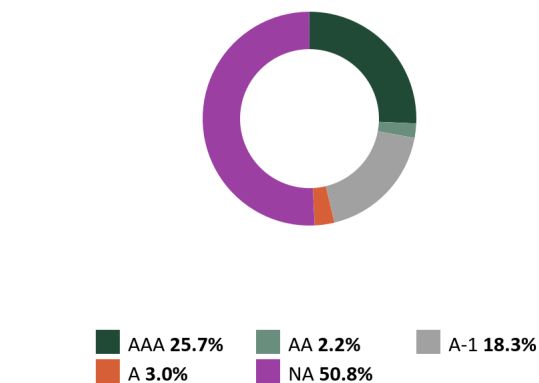
## Sector Allocation



## Maturity Distribution



## Credit Quality



\*See Footnote

The credit quality is a weighted average calculation of the highest of S&P, Moody's' and Fitch

Execution Time: 05/15/2024 11:38:52 AM

Chandler Asset Management | info@chandlerasset.com | www.chandlerasset.com | 800.317.4747

CONFIDENTIAL | 2

# STATEMENT OF COMPLIANCE



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Rules Name	Limit	Actual	Compliance Status	Notes
<b>AGENCY MORTGAGE SECURITIES (CMOS)</b>				
Max % (MV)	100.0	0.0	Compliant	
Max % Issuer (MV; Agencies & Agency CMOs)	25.0	3.1	Compliant	
Max Maturity (Years)	5.0	0.0	Compliant	
<b>ASSET-BACKED SECURITIES (ABS)</b>				
Max % (MV)	20.0	1.3	Compliant	
Max % Issuer (MV)	5.0	0.3	Compliant	
Max Maturity (Years)	5	4	Compliant	
Min Rating (AA- by 1)	0.0	0.0	Compliant	
<b>BANKERS' ACCEPTANCES</b>				
Max % (MV)	40.0	0.0	Compliant	
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Days)	180	0.0	Compliant	
Min Rating (A-1 by 1 or A- by 1)	0.0	0.0	Compliant	
<b>COLLATERALIZED TIME DEPOSITS (NON-NEGOTIABLE CD/TD)</b>				
Max % (MV)	20.0	0.0	Compliant	
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Years)	5.0	0.0	Compliant	
<b>COMMERCIAL PAPER</b>				
Max % (MV)	25.0	0.0	Compliant	
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Days)	270	0.0	Compliant	
Min Rating (A-1 by 1 or A- by 1)	0.0	0.0	Compliant	
<b>CORPORATE MEDIUM TERM NOTES</b>				
Max % (MV)	30.0	5.8	Compliant	
Max % Issuer (MV)	5.0	0.4	Compliant	
Max Maturity (Years)	5	4	Compliant	
Min Rating (A- by 1)	0.0	0.0	Compliant	
<b>FDIC INSURED TIME DEPOSITS (NON-NEGOTIABLE CD/TD)</b>				
Max % (MV)	20.0	0.0	Compliant	
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Years)	5	0.0	Compliant	

# STATEMENT OF COMPLIANCE



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Rules Name	Limit	Actual	Compliance Status	Notes
<b>FEDERAL AGENCIES</b>				
Max % (MV)	100.0	4.9	Compliant	
Max % Issuer (MV; Agencies & Agency CMOs)	25.0	3.1	Compliant	
Max Callables (MV)	20.0	0.0	Compliant	
Max Maturity (Years)	5	4	Compliant	
<b>LOCAL AGENCY INVESTMENT FUND (LAIF)</b>				
Max Concentration (MV)	75.0	5.1	Compliant	
<b>MONEY MARKET MUTUAL FUNDS</b>				
Max % (MV)	20.0	5.5	Compliant	
Max % Issuer (MV)	20.0	5.5	Compliant	
Min Rating (AAA by 2)	0.0	0.0	Compliant	
<b>MORTGAGE-BACKED SECURITIES (NON-AGENCY)</b>				
Max % (MV)	20.0	0.0	Compliant	
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Years)	5.0	0.0	Compliant	
Min Rating (AA- by 1)	0.0	0.0	Compliant	
<b>MUNICIPAL SECURITIES (CA, LOCAL AGENCY)</b>				
Max % (MV)	30.0	0.0	Compliant	
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Years)	5	0.0	Compliant	
Min Rating (A- by 1)	0.0	0.0	Compliant	
<b>MUNICIPAL SECURITIES (CA, OTHER STATES)</b>				
Max % (MV)	30.0	0.0	Compliant	
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Years)	5	0.0	Compliant	
Min Rating (A- by 1)	0.0	0.0	Compliant	
<b>MUTUAL FUNDS</b>				
Max % (MV)	10.0	0.0	Compliant	
Max % Issuer (MV)	10.0	0.0	Compliant	
Min Rating (AAA by 2)	0.0	0.0	Compliant	
<b>NEGOTIABLE CERTIFICATES OF DEPOSIT (NCD)</b>				
Max % (MV)	30.0	0.0	Compliant	
Max % Issuer (MV)	5.0	0.0	Compliant	
Max Maturity (Years)	5	0.0	Compliant	

# STATEMENT OF COMPLIANCE



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Rules Name	Limit	Actual	Compliance Status	Notes
Min Rating (A-1 by 1 or A- by 1 if > FDIC Limit)	0.0	0.0	Compliant	
<b>REPURCHASE AGREEMENTS</b>				
Max Maturity (Years)	1.0	0.0	Compliant	
<b>SRI PROHIBITED INVESTMENTS</b>				
Prohibited Investment - Fossil Fuels	0.0	0.0	Compliant	
Prohibited Investments - Alcohol	0.0	0.0	Compliant	
Prohibited Investments - Firearms	0.0	0.0	Compliant	
Prohibited Investments - Gaming	0.0	0.0	Compliant	
Prohibited Investments - Tobacco	0.0	0.0	Compliant	
<b>SUPRANATIONAL OBLIGATIONS</b>				
Max % (MV)	30.0	0.5	Compliant	
Max % Issuer (MV)	10.0	0.3	Compliant	
Max Maturity (Years)	5	0.0	Compliant	
Min Rating (AA- by 1)	0.0	0.0	Compliant	
<b>U.S. TREASURIES</b>				
Max % (MV)	100.0	29.8	Compliant	
Max Maturity (Years)	5	4	Compliant	

# RECONCILIATION SUMMARY



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

## Maturities / Calls

Month to Date	(10,250,000.00)
Fiscal Year to Date	(28,040,000.00)

## Principal Paydowns

Month to Date	(27,280.26)
Fiscal Year to Date	(123,929.94)

## Purchases

Month to Date	30,062,441.18
Fiscal Year to Date	122,023,285.81

## Sales

Month to Date	(6,263,651.11)
Fiscal Year to Date	(84,120,305.86)

## Interest Received

Month to Date	106,696.45
Fiscal Year to Date	1,144,658.41

## Purchased / Sold Interest

Month to Date	(151.91)
Fiscal Year to Date	(4,768.39)

## Accrual Activity Summary

	Month to Date	Fiscal Year to Date (01/01/2024)
Beginning Book Value	40,244,124.63	43,775,797.91
Maturities/Calls	(10,250,000.00)	(28,040,000.00)
Principal Paydowns	(27,280.26)	(123,929.94)
Purchases	30,062,441.18	122,023,285.81
Sales	(6,263,651.11)	(84,120,305.86)
Change in Cash, Payables, Receivables	(47,640.41)	(18,577.03)
Amortization/Accretion	56,944.63	278,667.77
Realized Gain (Loss)	0.01	0.01
Ending Book Value	53,774,938.67	53,774,938.67

## Fair Market Activity Summary

	Month to Date	Fiscal Year to Date (01/01/2024)
Beginning Market Value	40,102,273.06	43,669,850.65
Maturities/Calls	(10,250,000.00)	(28,040,000.00)
Principal Paydowns	(27,280.26)	(123,929.94)
Purchases	30,062,441.18	122,023,285.81
Sales	(6,263,651.11)	(84,120,305.86)
Change in Cash, Payables, Receivables	(47,640.41)	(18,577.03)
Amortization/Accretion	56,944.63	278,667.77
Change in Net Unrealized Gain (Loss)	(89,141.51)	(125,045.83)
Realized Gain (Loss)	0.01	0.01
Ending Market Value	53,543,945.57	53,543,945.57

# HOLDINGS REPORT



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Cusip	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P Fitch	Maturity Duration
<b>ABS</b>									
43813GAC5	HAROT 2021-1 A3 0.27 04/21/2025	1,646.40	02/17/2021 0.37%	1,646.37 1,646.40	99.69 5.61%	1,641.35 0.12	0.00% (5.05)	Aaa/NA AAA	0.97 0.06
89240BAC2	TAOT 2021-A A3 0.26 05/15/2025	3,676.07	02/02/2021 0.27%	3,675.39 3,675.95	99.71 6.47%	3,665.24 0.42	0.01% (10.72)	Aaa/NA AAA	1.04 0.05
44933LAC7	HART 2021-A A3 0.38 09/15/2025	5,138.52	04/20/2021 0.39%	5,137.98 5,138.40	99.41 5.87%	5,108.06 0.87	0.01% (30.34)	NA/AAA AAA	1.38 0.11
47788UAC6	JDOT 2021 A3 0.36 09/15/2025	5,351.67	03/02/2021 0.37%	5,350.64 5,351.41	98.98 5.37%	5,296.88 0.86	0.01% (54.53)	Aaa/NA AAA	1.38 0.20
43815EAC8	HAROT 2021-3 A3 0.41 11/18/2025	21,601.79	08/17/2021 0.33%	21,601.48 21,601.73	98.16 6.25%	21,203.74 3.20	0.04% (397.99)	NA/AAA AAA	1.55 0.31
05593AAC3	BMWLT 2023-1 A3 5.16 11/25/2025	20,000.00	02/07/2023 5.43%	19,999.52 19,999.73	99.75 5.71%	19,950.79 17.20	0.04% (48.94)	Aaa/AAA NA	1.57 0.50
44934KAC8	HART 2021-B A3 0.38 01/15/2026	24,255.08	07/20/2021 0.60%	24,249.73 24,253.44	98.69 6.03%	23,936.57 4.10	0.04% (316.88)	NA/AAA AAA	1.71 0.23
43815GAC3	HAROT 2021-4 A3 0.88 01/21/2026	17,303.62	11/16/2021 0.89%	17,299.98 17,302.26	97.63 6.14%	16,893.07 4.23	0.03% (409.20)	Aaa/NA AAA	1.73 0.45
47789QAC4	JDOT 2021-B A3 0.52 03/16/2026	18,041.92	07/13/2021 0.52%	18,040.31 18,041.53	97.81 5.50%	17,646.00 4.17	0.03% (395.53)	Aaa/NA AAA	1.88 0.44
89238JAC9	TAOT 2021-D A3 0.71 04/15/2026	15,298.12	11/09/2021 0.95%	15,297.80 15,298.03	97.69 6.20%	14,945.31 4.83	0.03% (352.72)	NA/AAA AAA	1.96 0.42
05602RAD3	BMWOT 2022-A A3 3.21 08/25/2026	25,759.76	05/10/2022 3.63%	25,758.42 25,759.18	98.54 5.84%	25,383.59 13.78	0.05% (375.59)	Aaa/AAA NA	2.32 0.56
47787JAC2	JDOT 2022 A3 0.36 09/15/2026	29,202.03	03/10/2022 2.34%	29,195.58 29,198.84	98.02 5.67%	28,623.23 30.11	0.05% (575.60)	Aaa/NA AAA	2.38 0.59
362554AC1	GMCAR 2021-4 A3 0.68 09/16/2026	13,454.60	10/13/2021 0.68%	13,454.25 13,454.49	97.24 6.70%	13,083.00 3.81	0.02% (371.49)	Aaa/AAA NA	2.38 0.46
379929AD4	GMALT 2023-3 A3 5.38 11/20/2026	30,000.00	08/08/2023 5.38%	29,996.40 29,997.18	99.75 5.64%	29,926.19 49.32	0.06% (70.99)	NA/AAA AAA	2.56 1.22
362585AC5	GMCAR 2022-2 A3 3.1 02/16/2027	29,940.03	04/05/2022 3.16%	29,933.77 29,937.18	98.19 6.01%	29,397.44 38.67	0.05% (539.74)	Aaa/AAA NA	2.80 0.63
43815JAC7	HAROT 2023-1 A3 5.04 04/21/2027	35,000.00	02/16/2023 5.09%	34,993.50 34,995.35	99.45 5.57%	34,806.46 49.00	0.07% (188.89)	Aaa/NA AAA	2.97 1.17
58770AAC7	MBART 2023-1 A3 4.51 11/15/2027	45,000.00	01/18/2023 4.56%	44,994.60 44,996.02	98.83 5.59%	44,473.46 90.20	0.08% (522.57)	NA/AAA AAA	3.54 1.13

# HOLDINGS REPORT



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Cusip	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P Fitch	Maturity Duration
362583AD8	GMCAR 2023-2 A3 4.47 02/16/2028	50,000.00	04/04/2023 4.51%	49,998.63 49,998.93	98.54 5.55%	49,269.08 93.13	0.09% (729.85)	Aaa/AAA NA	3.80 1.42
438123AC5	HAROT 2023-4 A3 5.67 06/21/2028	45,000.00	11/01/2023 5.74%	44,992.08 44,992.90	100.40 5.53%	45,180.81 70.88	0.08% 187.91	Aaa/NA AAA	4.14 1.89
161571HT4	CHAIT 2023-1 A 5.16 09/15/2028	145,000.00	09/07/2023 5.17%	144,959.81 144,964.85	99.34 5.52%	144,040.27 332.53	0.27% (924.57)	NR/AAA AAA	4.38 2.17
89238DAD0	TAOT 2024-A A3 4.83 10/16/2028	75,000.00	01/23/2024 4.89%	74,984.99 74,985.79	98.81 5.47%	74,106.30 161.00	0.14% (879.49)	Aaa/AAA NA	4.46 2.03
47800RAD5	JDOT 2024 A3 4.96 11/15/2028	35,000.00	03/11/2024 5.12%	34,998.04 34,998.09	98.85 5.53%	34,598.75 77.16	0.06% (399.34)	Aaa/NA AAA	4.54 2.21
36268GAD7	GMCAR 2024-1 A3 4.85 12/18/2028	20,000.00	01/09/2024 4.91%	19,995.98 19,996.21	98.79 5.48%	19,758.48 40.42	0.04% (237.74)	Aaa/NA AAA	4.64 2.09
<b>Total ABS</b>		<b>710,669.61</b>	<b>4.04%</b>	<b>710,555.24</b> <b>710,583.89</b>	<b>98.92</b> <b>5.67%</b>	<b>702,934.06</b> <b>1,089.99</b>	<b>1.31%</b> <b>(7,649.83)</b>	<b>Aaa/AAA</b> <b>AAA</b>	<b>3.38</b> <b>1.37</b>

AGENCY									
3133ENPY0	FEDERAL FARM CREDIT BANKS FUNDING CORP 1.75 02/25/2025	200,000.00	03/16/2022 2.11%	197,936.00 199,422.39	97.17 5.33%	194,333.23 641.67	0.36% (5,089.16)	Aaa/AA+ AA+	0.82 0.79
3133EN5E6	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.0 12/29/2025	250,000.00	12/29/2022 4.27%	248,120.00 248,957.84	98.14 5.18%	245,349.19 3,388.89	0.46% (3,608.66)	Aaa/AA+ AA+	1.67 1.56
3133EPVP7	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.75 07/08/2026	250,000.00	12/06/2023 4.48%	251,606.00 251,357.61	99.31 5.08%	248,285.76 3,727.43	0.46% (3,071.86)	Aaa/AA+ AA+	2.19 2.02
3133EPZY4	FEDERAL FARM CREDIT BANKS FUNDING CORP 5.0 07/30/2026	250,000.00	11/09/2023 4.85%	250,935.00 250,772.10	99.83 5.08%	249,566.20 3,159.72	0.47% (1,205.90)	Aaa/AA+ AA+	2.25 2.08
3133EPSW6	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.5 08/14/2026	270,000.00	08/09/2023 4.58%	269,379.00 269,526.88	98.96 4.98%	267,184.25 2,598.75	0.50% (2,342.64)	Aaa/AA+ AA+	2.29 2.13
3130AWTQ3	FEDERAL HOME LOAN BANKS 4.625 09/11/2026	250,000.00	09/12/2023 4.83%	248,592.50 248,889.70	99.14 5.01%	247,848.04 1,605.90	0.46% (1,041.65)	Aaa/AA+ AA+	2.37 2.20
3130AWC24	FEDERAL HOME LOAN BANKS 4.0 06/09/2028	250,000.00	07/06/2023 4.49%	244,617.50 245,504.59	97.11 4.78%	242,773.46 3,944.44	0.45% (2,731.14)	Aaa/AA+ AA+	4.11 3.68
3130AWTR1	FEDERAL HOME LOAN BANKS 4.375 09/08/2028	250,000.00	09/07/2023 4.49%	248,725.00 248,889.70	98.32 4.81%	245,789.29 1,610.24	0.46% (3,100.41)	Aaa/AA+ AA+	4.36 3.89
3133EPWK7	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.5 09/22/2028	200,000.00	10/12/2023 4.71%	198,146.00 198,349.60	98.96 4.76%	197,919.51 975.00	0.37% (430.09)	Aaa/AA+ AA+	4.40 3.92
3130AVBD3	FEDERAL HOME LOAN BANKS 4.5 03/09/2029	200,000.00	03/14/2024 4.33%	201,544.00 201,504.13	98.91 4.75%	197,826.64 1,300.00	0.37% (3,677.48)	Aaa/AA+ AA+	4.86 4.29

# HOLDINGS REPORT



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Cusip	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P Fitch	Maturity Duration
3133ERAK7	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.375 04/10/2029	250,000.00	04/10/2024 4.64%	247,100.00 247,125.48	98.32 4.76%	245,801.68 638.02	0.46% (1,323.81)	Aaa/AA+ AA+	4.94 4.38
<b>Total Agency</b>		<b>2,620,000.00</b>	<b>4.38%</b>	<b>2,606,701.00</b> <b>2,610,300.03</b>	<b>98.58</b> <b>4.96%</b>	<b>2,582,677.24</b> <b>23,590.07</b>	<b>4.82%</b> <b>(27,622.79)</b>	<b>Aaa/AA+</b> <b>AA+</b>	<b>3.09</b> <b>2.80</b>

AGENCY CMBS									
3137BKRJ1	FHMS K-047 A2 3.329 05/25/2025	99,939.11	05/19/2022 3.04%	100,516.89 100,135.65	97.84 5.47%	97,781.33 277.25	0.18% (2,354.33)	Aaa/AA+ AAA	1.07 0.92
3137BNGT5	FHMS K-054 A2 2.745 01/25/2026	250,000.00	02/15/2023 4.64%	237,392.58 242,640.64	95.91 5.35%	239,763.30 571.88	0.45% (2,877.34)	Aaa/AA+ AAA	1.74 1.53
3137BVZ82	FHMS K-063 A2 3.43 01/25/2027	100,000.00	12/05/2022 4.27%	96,816.41 97,907.83	95.48 5.26%	95,483.50 285.83	0.18% (2,424.33)	Aaa/AA+ AAA	2.74 2.42
3137FBBX3	FHMS K-068 A2 3.244 08/25/2027	125,000.00	05/12/2023 3.98%	121,352.54 122,183.13	94.16 5.18%	117,699.86 337.92	0.22% (4,483.26)	Aaa/AA+ AA+	3.32 3.00
3137FBU79	FHMS K-069 A2 3.187 09/25/2027	135,000.00	05/18/2023 4.19%	129,679.10 130,850.92	94.09 5.13%	127,027.95 358.54	0.24% (3,822.97)	Aaa/AAA AA+	3.41 3.03
3137FETN0	FHMS K-073 A2 3.35 01/25/2028	135,000.00	05/24/2023 4.27%	129,747.66 130,803.14	93.89 5.18%	126,754.23 376.88	0.24% (4,048.91)	Aaa/AA+ AAA	3.74 3.33
<b>Total Agency CMBS</b>		<b>844,939.11</b>	<b>4.18%</b>	<b>815,505.18</b> <b>824,521.32</b>	<b>95.23</b> <b>5.27%</b>	<b>804,510.17</b> <b>2,208.29</b>	<b>1.50%</b> <b>(20,011.15)</b>	<b>Aaa/AA+</b> <b>AAA</b>	<b>2.59</b> <b>2.30</b>

CASH									
CCYUSD	Receivable	353.85	-- 0.00%	353.85 353.85	1.00 0.00%	353.85 0.00	0.00% 0.00	Aaa/AAA AAA	0.00 0.00
CCYUSD	Receivable	17,887.09	-- 0.00%	17,887.09 17,887.09	1.00 0.00%	17,887.09 0.00	0.03% 0.00	Aaa/AAA AAA	0.00 0.00
CCYUSD	Receivable	18,923.23	-- 0.00%	18,923.23 18,923.23	1.00 0.00%	18,923.23 0.00	0.04% 0.00	Aaa/AAA AAA	0.00 0.00
90CHECK\$1	Checking Deposit Bank Account	22,055,590.07	-- 0.00%	22,055,590.07 22,055,590.07	1.00 0.00%	22,055,590.07 0.00	41.19% 0.00	NA/NA NA	0.00 0.00
<b>Total Cash</b>		<b>22,092,754.24</b>	<b>0.00%</b>	<b>22,092,754.24</b>	<b>1.00</b> <b>0.00%</b>	<b>22,092,754.24</b> <b>0.00</b>	<b>41.26%</b> <b>0.00</b>	<b>Aaa/AAA</b> <b>AAA</b>	<b>0.00</b> <b>0.00</b>

CORPORATE									
023135BW5	AMAZON.COM INC 0.45 05/12/2024	85,000.00	05/10/2021 0.50%	84,875.90 84,998.75	99.84 5.17%	84,866.23 179.56	0.16% (132.53)	A1/AA AA-	0.03 0.03

# HOLDINGS REPORT



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Cusip	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P Fitch	Maturity Duration
91324PEB4	UNITEDHEALTH GROUP INC 0.55 05/15/2024	50,000.00	11/08/2021 0.78%	49,713.00 49,995.62	99.82 4.90%	49,909.40 126.81	0.09% (86.22)	A2/A+ A	0.04 0.04
14913R2L0	CATERPILLAR FINANCIAL SERVICES CORP 0.45 05/17/2024	130,000.00	05/10/2021 0.49%	129,825.80 129,997.46	99.79 4.91%	129,726.21 266.50	0.24% (271.25)	A2/A A+	0.05 0.05
89114QCA4	TORONTO-DOMINION BANK 2.65 06/12/2024	125,000.00	08/25/2021 0.63%	132,032.50 125,289.57	99.65 5.61%	124,563.58 1,278.99	0.23% (726.00)	A1/A AA-	0.12 0.12
06051GJY6	BANK OF AMERICA CORP 5.74518 06/14/2024	100,000.00	06/07/2021 0.52%	100,006.40 100,000.00	100.01 5.57%	100,005.63 765.83	0.19% 5.63	A1/A- AA-	0.12 0.00
89236TJH9	TOYOTA MOTOR CREDIT CORP 0.5 06/18/2024	80,000.00	06/15/2021 0.54%	79,904.80 79,995.83	99.36 5.36%	79,484.60 147.78	0.15% (511.23)	A1/A+ A+	0.13 0.13
79466LAG9	SALESFORCE INC 0.625 07/15/2024	20,000.00	06/29/2021 0.64%	19,989.80 19,999.30	99.02 5.39%	19,803.46 36.81	0.04% (195.84)	A1/A+ NA	0.21 0.21
91159HHX1	US BANCORP 2.4 07/30/2024	200,000.00	02/05/2021 0.48%	212,966.00 200,608.93	99.22 5.54%	198,434.03 1,213.33	0.37% (2,174.90)	A3/A A	0.25 0.25
78015K7C2	ROYAL BANK OF CANADA 2.25 11/01/2024	150,000.00	02/05/2021 0.54%	159,499.50 151,284.28	98.37 5.59%	147,550.59 1,687.50	0.28% (3,733.69)	A1/A AA-	0.51 0.48
87612EBL9	TARGET CORP 2.25 04/15/2025	125,000.00	03/15/2022 2.51%	124,027.50 124,697.23	97.06 5.44%	121,320.69 125.00	0.23% (3,376.54)	A2/A A	0.96 0.93
713448CT3	PEPSICO INC 2.75 04/30/2025	150,000.00	12/28/2022 4.66%	143,733.00 147,322.55	97.45 5.41%	146,172.45 11.46	0.27% (1,150.10)	A1/A+ WR	1.00 0.97
06367WB85	BANK OF MONTREAL 1.85 05/01/2025	125,000.00	08/29/2022 4.01%	118,191.25 122,448.47	96.40 5.60%	120,495.08 1,156.25	0.23% (1,953.38)	A2/A- AA-	1.00 0.96
594918BJ2	MICROSOFT CORP 3.125 11/03/2025	150,000.00	01/20/2023 4.28%	145,509.00 147,559.62	97.01 5.21%	145,516.88 2,317.71	0.27% (2,042.75)	Aaa/AAA WR	1.51 1.42
023135CN4	AMAZON.COM INC 4.6 12/01/2025	100,000.00	12/28/2022 4.61%	99,956.00 99,976.17	99.10 5.19%	99,102.76 1,916.67	0.19% (873.41)	A1/AA AA-	1.59 1.48
857477BR3	STATE STREET CORP 1.746 02/06/2026	35,000.00	02/02/2022 1.75%	35,000.00 35,000.00	96.75 6.15%	33,861.55 144.29	0.06% (1,138.45)	A1/A AA-	1.77 0.74
037833BY5	APPLE INC 3.25 02/23/2026	150,000.00	02/21/2023 4.78%	143,640.00 146,152.66	96.63 5.22%	144,940.06 920.83	0.27% (1,212.61)	Aaa/AA+ NA	1.82 1.72
46625HQW3	JPMORGAN CHASE & CO 3.3 04/01/2026	175,000.00	12/27/2023 4.76%	169,583.75 170,398.82	96.13 5.45%	168,220.74 481.25	0.31% (2,178.08)	A1/A- AA-	1.92 1.82
00440EAV9	CHUBB INA HOLDINGS LLC 3.35 05/03/2026	150,000.00	03/14/2023 4.75%	143,952.00 146,130.13	96.12 5.42%	144,179.08 2,484.58	0.27% (1,951.05)	A3/A A	2.01 1.87
69371RS56	PACCAR FINANCIAL CORP 5.05 08/10/2026	125,000.00	08/03/2023 5.07%	124,937.50 124,952.61	99.68 5.20%	124,601.28 1,420.31	0.23% (351.34)	A1/A+ NA	2.28 2.10

# HOLDINGS REPORT



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Cusip	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P Fitch	Maturity Duration
89236TKX2	TOYOTA MOTOR CREDIT CORP 5.0 08/14/2026	150,000.00	09/28/2023 5.42%	148,354.50 148,687.69	99.37 5.29%	149,047.83 1,604.17	0.28% 360.15	A1/A+ A+	2.29 2.11
24422EXD6	JOHN DEERE CAPITAL CORP 5.15 09/08/2026	150,000.00	09/28/2023 5.29%	149,410.50 149,527.08	99.82 5.23%	149,731.56 1,137.29	0.28% 204.48	A1/A A+	2.36 2.18
437076CV2	HOME DEPOT INC 4.95 09/30/2026	150,000.00	-- 4.92%	150,118.50 150,100.35	99.47 5.18%	149,210.84 639.38	0.28% (889.51)	A2/A A	2.42 2.24
17275RBQ4	CISCO SYSTEMS INC 4.8 02/26/2027	75,000.00	02/21/2024 4.85%	74,902.50 74,908.28	99.16 5.12%	74,367.96 650.00	0.14% (540.32)	A1/AA- NA	2.83 2.58
665859AW4	NORTHERN TRUST CORP 4.0 05/10/2027	150,000.00	01/10/2023 4.25%	148,507.50 148,956.48	96.55 5.25%	144,827.27 2,850.00	0.27% (4,129.21)	A2/A+ A+	3.03 2.75
06406RBN6	BANK OF NEW YORK MELLON CORP 4.543 02/01/2029	125,000.00	02/27/2024 4.98%	123,075.00 123,158.29	96.99 5.44%	121,237.15 1,419.69	0.23% (1,921.14)	A1/A AA-	4.76 3.36
17275RBR2	CISCO SYSTEMS INC 4.85 02/26/2029	100,000.00	02/27/2024 4.82%	100,153.00 100,147.71	98.75 5.14%	98,752.06 875.69	0.18% (1,395.65)	A1/AA- NA	4.83 4.21
<b>Total Corporate</b>		<b>3,125,000.00</b>	<b>3.36%</b>	<b>3,111,865.20</b> <b>3,102,293.88</b>	<b>98.26</b> <b>5.34%</b>	<b>3,069,928.95</b> <b>25,857.67</b>	<b>5.73%</b> <b>(32,364.93)</b>	<b>A1/A+</b> <b>A+</b>	<b>1.60</b> <b>1.43</b>
<b>LAIF</b>									
90LAIF\$00	State Pool	5,121,005.91	-- 4.31%	5,121,005.91 5,121,005.91	1.00 4.31%	5,121,005.91 0.00	9.56% 0.00	NA/NA NA	0.00 0.00
<b>Total LAIF</b>		<b>5,121,005.91</b>	<b>4.31%</b>	<b>5,121,005.91</b> <b>5,121,005.91</b>	<b>1.00</b> <b>4.31%</b>	<b>5,121,005.91</b> <b>0.00</b>	<b>9.56%</b> <b>0.00</b>	<b>NA/NA</b> <b>NA</b>	<b>0.00</b> <b>0.00</b>
<b>MONEY MARKET FUND</b>									
31846V203	FIRST AMER:GVT OBLG Y	115,555.61	-- 4.91%	115,555.61 115,555.61	1.00 4.91%	115,555.61 0.00	0.22% 0.00	Aaa/ AAAm AAA	0.00 0.00
31846V203	FIRST AMER:GVT OBLG Y	2,839,578.70	-- 4.91%	2,839,578.70 2,839,578.70	1.00 4.91%	2,839,578.70 0.00	5.30% 0.00	Aaa/ AAAm AAA	0.00 0.00
<b>Total Money Market Fund</b>		<b>2,955,134.31</b>	<b>4.91%</b>	<b>2,955,134.31</b> <b>2,955,134.31</b>	<b>1.00</b> <b>4.91%</b>	<b>2,955,134.31</b> <b>0.00</b>	<b>5.52%</b> <b>0.00</b>	<b>AAAm</b> <b>AAA</b>	<b>0.00</b> <b>0.00</b>
<b>SUPRANATIONAL</b>									

# HOLDINGS REPORT



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Cusip	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P Fitch	Maturity Duration
4581X0DZ8	INTER-AMERICAN DEVELOPMENT BANK 0.5 09/23/2024	165,000.00	09/15/2021 0.52%	164,877.90 164,983.85	98.08 5.44%	161,826.01 87.08	0.30% (3,157.83)	Aaa/AAA NA	0.40 0.39
45950KCR9	INTERNATIONAL FINANCE CORP 1.375 10/16/2024	100,000.00	07/12/2021 0.54%	102,690.00 100,379.76	98.17 5.45%	98,167.48 57.29	0.18% (2,212.28)	Aaa/AAA NA	0.46 0.45
<b>Total Supranational</b>		<b>265,000.00</b>	<b>0.53%</b>	<b>267,567.90 265,363.61</b>	<b>98.11 5.45%</b>	<b>259,993.50 144.38</b>	<b>0.49% (5,370.12)</b>	<b>Aaa/AAA NA</b>	<b>0.42 0.41</b>

US TREASURY									
912797JV0	UNITED STATES TREASURY 05/07/2024	500,000.00	02/22/2024 5.38%	494,619.58 499,563.75	99.91 4.61%	499,559.92 0.00	0.93% (3.83)	P-1/A-1+ F1+	0.02 0.02
912797JW8	UNITED STATES TREASURY 05/14/2024	2,000,000.00	02/22/2024 5.36%	1,976,532.50 1,996,233.61	99.81 4.98%	1,996,193.88 0.00	3.73% (39.73)	P-1/A-1+ F1+	0.04 0.04
912797HR1	UNITED STATES TREASURY 05/23/2024	750,000.00	02/22/2024 5.40%	740,179.69 747,599.48	99.68 5.15%	747,580.00 0.00	1.40% (19.48)	P-1/A-1+ F1+	0.06 0.06
912797JY4	UNITED STATES TREASURY 05/28/2024	3,500,000.00	02/22/2024 5.39%	3,451,718.23 3,486,277.81	99.60 5.19%	3,486,166.25 0.00	6.51% (111.56)	P-1/A-1+ F1+	0.08 0.08
912797JZ1	UNITED STATES TREASURY 06/04/2024	1,000,000.00	02/22/2024 5.39%	985,202.92 995,067.64	99.50 5.24%	995,015.69 0.00	1.86% (51.95)	P-1/A-1+ F1+	0.10 0.10
912797KE6	UNITED STATES TREASURY 06/11/2024	1,500,000.00	02/22/2024 5.39%	1,476,303.85 1,491,086.77	99.40 5.26%	1,491,005.63 0.00	2.78% (81.14)	P-1/A-1+ F1+	0.11 0.11
91282CCG4	UNITED STATES TREASURY 0.25 06/15/2024	250,000.00	06/09/2021 0.31%	249,550.78 249,981.56	99.36 5.38%	248,396.00 235.66	0.46% (1,585.56)	Aaa/AA+ AA+	0.13 0.12
912797KF3	UNITED STATES TREASURY 06/18/2024	600,000.00	02/22/2024 5.40%	589,912.83 595,826.00	99.30 5.28%	595,792.00 0.00	1.11% (34.00)	P-1/A-1+ F1+	0.13 0.13
91282CCL3	UNITED STATES TREASURY 0.375 07/15/2024	250,000.00	07/13/2021 0.42%	249,667.97 249,977.28	98.99 5.26%	247,475.59 275.58	0.46% (2,501.69)	Aaa/AA+ AA+	0.21 0.21
912828YE4	UNITED STATES TREASURY 1.25 08/31/2024	250,000.00	01/08/2021 0.30%	258,554.69 250,785.90	98.64 5.38%	246,601.56 526.49	0.46% (4,184.34)	Aaa/AA+ AA+	0.34 0.33
91282CCX7	UNITED STATES TREASURY 0.375 09/15/2024	200,000.00	09/10/2021 0.44%	199,585.94 199,948.24	98.17 5.34%	196,347.66 95.79	0.37% (3,600.59)	Aaa/AA+ AA+	0.38 0.37
91282CDB4	UNITED STATES TREASURY 0.625 10/15/2024	200,000.00	10/14/2021 0.63%	199,984.38 199,997.62	97.88 5.37%	195,750.00 54.64	0.37% (4,247.62)	Aaa/AA+ AA+	0.46 0.45
91282CDH1	UNITED STATES TREASURY 0.75 11/15/2024	200,000.00	11/10/2021 0.80%	199,710.94 199,947.78	97.57 5.36%	195,140.62 692.31	0.36% (4,807.15)	Aaa/AA+ AA+	0.54 0.53
91282CDN8	UNITED STATES TREASURY 1.0 12/15/2024	200,000.00	02/01/2022 1.38%	197,882.81 199,538.95	97.37 5.33%	194,736.33 754.10	0.36% (4,802.62)	Aaa/AA+ AA+	0.63 0.61

# HOLDINGS REPORT



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Cusip	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P Fitch	Maturity Duration
912828Z52	UNITED STATES TREASURY 1.375 01/31/2025	200,000.00	06/07/2021 0.48%	206,500.00 201,339.95	97.12 5.32%	194,248.05 687.50	0.36% (7,091.91)	Aaa/AA+ AA+	0.76 0.73
912828ZC7	UNITED STATES TREASURY 1.125 02/28/2025	200,000.00	02/09/2022 1.59%	197,226.56 199,245.65	96.63 5.30%	193,263.67 379.08	0.36% (5,981.97)	Aaa/AA+ AA+	0.83 0.81
912828ZF0	UNITED STATES TREASURY 0.5 03/31/2025	200,000.00	03/15/2022 2.05%	190,875.00 197,244.35	95.79 5.25%	191,583.98 84.70	0.36% (5,660.37)	Aaa/AA+ AA+	0.92 0.89
912828ZL7	UNITED STATES TREASURY 0.375 04/30/2025	200,000.00	03/22/2022 2.39%	187,906.25 196,118.06	95.31 5.26%	190,611.33 2.04	0.36% (5,506.73)	Aaa/AA+ AA+	1.00 0.97
912828K74	UNITED STATES TREASURY 2.0 08/15/2025	200,000.00	06/01/2022 2.83%	194,921.88 197,955.73	96.07 5.18%	192,140.62 835.16	0.36% (5,815.11)	Aaa/AA+ AA+	1.29 1.25
9128285C0	UNITED STATES TREASURY 3.0 09/30/2025	250,000.00	12/28/2022 4.24%	242,041.02 245,909.75	97.04 5.19%	242,607.42 635.25	0.45% (3,302.32)	Aaa/AA+ AA+	1.42 1.36
9128285J5	UNITED STATES TREASURY 3.0 10/31/2025	250,000.00	12/28/2022 4.24%	241,806.64 245,670.24	96.91 5.16%	242,285.16 20.38	0.45% (3,385.08)	Aaa/AA+ AA+	1.50 1.44
912828M56	UNITED STATES TREASURY 2.25 11/15/2025	200,000.00	08/29/2022 3.43%	192,835.94 196,558.56	95.74 5.16%	191,476.56 2,076.92	0.36% (5,082.00)	Aaa/AA+ AA+	1.54 1.47
9128286L9	UNITED STATES TREASURY 2.25 03/31/2026	250,000.00	12/28/2022 4.12%	235,869.14 241,685.63	94.95 5.04%	237,373.05 476.43	0.44% (4,312.58)	Aaa/AA+ AA+	1.92 1.84
9128286S4	UNITED STATES TREASURY 2.375 04/30/2026	250,000.00	12/29/2022 4.13%	236,445.31 241,880.55	94.98 5.05%	237,451.17 16.13	0.44% (4,429.38)	Aaa/AA+ AA+	2.00 1.92
912828YD6	UNITED STATES TREASURY 1.375 08/31/2026	250,000.00	01/05/2023 4.10%	227,158.20 235,400.44	92.14 4.98%	230,361.33 579.14	0.43% (5,039.11)	Aaa/AA+ AA+	2.34 2.24
912828U24	UNITED STATES TREASURY 2.0 11/15/2026	250,000.00	01/05/2023 4.06%	231,796.88 238,011.00	93.05 4.94%	232,636.72 2,307.69	0.43% (5,374.28)	Aaa/AA+ AA+	2.54 2.40
91282CJT9	UNITED STATES TREASURY 4.0 01/15/2027	250,000.00	01/22/2024 4.12%	249,130.86 249,209.95	97.70 4.92%	244,248.05 2,939.56	0.46% (4,961.90)	Aaa/AA+ AA+	2.71 2.50
912828V98	UNITED STATES TREASURY 2.25 02/15/2027	250,000.00	01/20/2023 3.65%	236,894.53 240,992.20	93.17 4.89%	232,919.92 1,174.45	0.44% (8,072.27)	Aaa/AA+ AA+	2.80 2.64
91282CEF4	UNITED STATES TREASURY 2.5 03/31/2027	200,000.00	12/12/2022 3.90%	189,023.44 192,556.37	93.62 4.87%	187,242.19 423.50	0.35% (5,314.18)	Aaa/AA+ AA+	2.92 2.76
91282CEW7	UNITED STATES TREASURY 3.25 06/30/2027	250,000.00	12/29/2022 4.02%	242,158.20 244,487.36	95.35 4.85%	238,369.14 2,723.21	0.45% (6,118.22)	Aaa/AA+ AA+	3.17 2.93
91282CFH9	UNITED STATES TREASURY 3.125 08/31/2027	250,000.00	01/20/2023 3.59%	245,068.36 246,429.62	94.75 4.85%	236,884.77 1,316.24	0.44% (9,544.86)	Aaa/AA+ AA+	3.34 3.10
91282CFM8	UNITED STATES TREASURY 4.125 09/30/2027	250,000.00	08/16/2023 4.52%	246,308.59 246,941.40	97.78 4.84%	244,443.36 873.46	0.46% (2,498.04)	Aaa/AA+ AA+	3.42 3.13

# HOLDINGS REPORT



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Cusip	Security Description	Par Value/ Units	Purchase Date Purchase Yield	Cost Value Book Value	Mkt Price Mkt YTM	Market Value Accrued Int.	% of Port. Gain/Loss	Moody's/ S&P Fitch	Maturity Duration
9128283F5	UNITED STATES TREASURY 2.25 11/15/2027	200,000.00	06/07/2023 4.05%	185,554.69 188,477.62	91.68 4.83%	183,367.19 2,076.92	0.34% (5,110.43)	Aaa/AA+ AA+	3.54 3.30
9128285M8	UNITED STATES TREASURY 3.125 11/15/2028	250,000.00	02/27/2024 4.34%	237,197.27 237,665.66	93.40 4.76%	233,496.10 3,605.77	0.44% (4,169.57)	Aaa/AA+ AA+	4.54 4.10
91282CJW2	UNITED STATES TREASURY 4.0 01/31/2029	250,000.00	03/25/2024 4.25%	247,314.45 247,369.01	96.89 4.74%	242,236.33 2,500.00	0.45% (5,132.68)	Aaa/AA+ AA+	4.76 4.23
<b>Total US Treasury</b>		<b>16,250,000.00</b>	<b>4.41%</b>	<b>15,933,440.32</b> <b>16,092,981.47</b>	<b>98.23</b> <b>5.12%</b>	<b>15,955,007.20</b> <b>28,368.12</b>	<b>29.80%</b> <b>(137,974.27)</b>	<b>Aaa/AAA</b> <b>AAA</b>	<b>0.78</b> <b>0.73</b>
<b>Total Portfolio</b>		<b>53,984,503.18</b>	<b>2.52%</b>	<b>53,614,529.30</b> <b>53,774,938.67</b>	<b>43.43</b> <b>2.93%</b>	<b>53,543,945.57</b> <b>81,258.52</b>	<b>100.00%</b> <b>(230,993.09)</b>	<b>Aa1/AA</b> <b>AA+</b>	<b>0.56</b> <b>0.49</b>
<b>Total Market Value + Accrued</b>						<b>53,625,204.09</b>			

# TRANSACTION LEDGER



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
<b>ACQUISITIONS</b>										
Purchase	04/01/2024	31846V203	19,998.75	FIRST AMER:GVT OBLG Y	1.000	4.94%	(19,998.75)	0.00	(19,998.75)	0.00
Purchase	04/02/2024	31846V203	368.49	FIRST AMER:GVT OBLG Y	1.000	4.94%	(368.49)	0.00	(368.49)	0.00
Purchase	04/02/2024	31846V203	15,852.00	FIRST AMER:GVT OBLG Y	1.000	4.94%	(15,852.00)	0.00	(15,852.00)	0.00
Purchase	04/04/2024	31846V203	6,000,000.00	FIRST AMER:GVT OBLG Y	1.000	4.91%	(6,000,000.00)	0.00	(6,000,000.00)	0.00
Purchase	04/09/2024	31846V203	750,000.00	FIRST AMER:GVT OBLG Y	1.000	4.91%	(750,000.00)	0.00	(750,000.00)	0.00
Purchase	04/15/2024	90LAIF\$00	53,575.71	State Pool	1.000	4.27%	(53,575.71)	0.00	(53,575.71)	0.00
Purchase	04/15/2024	3133ERAK7	250,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.375 04/10/2029	98.840	4.64%	(247,100.00)	(151.91)	(247,251.91)	0.00
Purchase	04/15/2024	31846V203	125.38	FIRST AMER:GVT OBLG Y	1.000	4.91%	(125.38)	0.00	(125.38)	0.00
Purchase	04/15/2024	31846V203	22,342.49	FIRST AMER:GVT OBLG Y	1.000	4.91%	(22,342.49)	0.00	(22,342.49)	0.00
Purchase	04/16/2024	31846V203	4,114.28	FIRST AMER:GVT OBLG Y	1.000	4.91%	(4,114.28)	0.00	(4,114.28)	0.00
Purchase	04/16/2024	31846V203	1,250,000.00	FIRST AMER:GVT OBLG Y	1.000	4.91%	(1,250,000.00)	0.00	(1,250,000.00)	0.00
Purchase	04/17/2024	912797HG5	2,000,000.00	UNITED STATES TREASURY 04/25/2024	99.883	5.38%	(1,997,651.11)	0.00	(1,997,651.11)	0.00
Purchase	04/18/2024	31846V203	2,884.10	FIRST AMER:GVT OBLG Y	1.000	4.91%	(2,884.10)	0.00	(2,884.10)	0.00
Purchase	04/22/2024	31846V203	147.00	FIRST AMER:GVT OBLG Y	1.000	4.91%	(147.00)	0.00	(147.00)	0.00
Purchase	04/22/2024	31846V203	3,691.47	FIRST AMER:GVT OBLG Y	1.000	4.91%	(3,691.47)	0.00	(3,691.47)	0.00
Purchase	04/25/2024	31846V203	4,468.88	FIRST AMER:GVT OBLG Y	1.000	4.92%	(4,468.88)	0.00	(4,468.88)	0.00
Purchase	04/30/2024	90CHECK\$1	19,680,965.27	Checking Deposit Bank Account	1.000	0.00%	(19,680,965.27)	0.00	(19,680,965.27)	0.00
Purchase	04/30/2024	31846V203	9,156.25	FIRST AMER:GVT OBLG Y	1.000	4.93%	(9,156.25)	0.00	(9,156.25)	0.00
<b>Total Purchase</b>			<b>30,067,690.07</b>				<b>(30,062,441.18)</b>	<b>(151.91)</b>	<b>(30,062,593.09)</b>	<b>0.00</b>
<b>TOTAL ACQUISITIONS</b>			<b>30,067,690.07</b>				<b>(30,062,441.18)</b>	<b>(151.91)</b>	<b>(30,062,593.09)</b>	<b>0.00</b>
<b>DISPOSITIONS</b>										
Maturity	04/04/2024	912797GZ4	(6,000,000.00)	UNITED STATES TREASURY 04/04/2024	100.000	0.00%	6,000,000.00	0.00	6,000,000.00	0.00
Maturity	04/09/2024	912797JM0	(750,000.00)	UNITED STATES TREASURY 04/09/2024	100.000	0.00%	750,000.00	0.00	750,000.00	0.00
Maturity	04/15/2024	91282CBV2	(250,000.00)	UNITED STATES TREASURY 0.375 04/15/2024	100.000	0.38%	250,000.00	0.00	250,000.00	0.00

# TRANSACTION LEDGER



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
Maturity	04/16/2024	912797JN8	(1,250,000.00)	UNITED STATES TREASURY 04/16/2024	100.000	0.00%	1,250,000.00	0.00	1,250,000.00	0.00
Maturity	04/25/2024	912797HG5	(2,000,000.00)	UNITED STATES TREASURY 04/25/2024	100.000	0.00%	2,000,000.00	0.00	2,000,000.00	0.00
<b>Total Maturity</b>			<b>(10,250,000.00)</b>				<b>10,250,000.00</b>	<b>0.00</b>	<b>10,250,000.00</b>	<b>0.00</b>
Sale	04/04/2024	31846V203	(520,000.00)	FIRST AMER:GVT OBLG Y	1.000	4.91%	520,000.00	0.00	520,000.00	0.00
Sale	04/10/2024	31846V203	(900,000.00)	FIRST AMER:GVT OBLG Y	1.000	4.91%	900,000.00	0.00	900,000.00	0.00
Sale	04/17/2024	31846V203	(1,997,651.11)	FIRST AMER:GVT OBLG Y	1.000	4.91%	1,997,651.11	0.00	1,997,651.11	0.00
Sale	04/19/2024	31846V203	(2,085,000.00)	FIRST AMER:GVT OBLG Y	1.000	4.91%	2,085,000.00	0.00	2,085,000.00	0.00
Sale	04/25/2024	31846V203	(760,000.00)	FIRST AMER:GVT OBLG Y	1.000	4.92%	760,000.00	0.00	760,000.00	0.00
Sale	04/26/2024	31846V203	(1,000.00)	FIRST AMER:GVT OBLG Y	1.000	4.92%	1,000.00	0.00	1,000.00	0.00
<b>Total Sale</b>			<b>(6,263,651.11)</b>				<b>6,263,651.11</b>	<b>0.00</b>	<b>6,263,651.11</b>	<b>0.00</b>
<b>TOTAL DISPOSITIONS</b>			<b>(16,513,651.11)</b>				<b>16,513,651.11</b>	<b>0.00</b>	<b>16,513,651.11</b>	<b>0.00</b>
<b>OTHER TRANSACTIONS</b>										
Cash Transfer	04/04/2024	CCYUSD	(520,000.00)	Cash		0.00%	(520,000.00)	0.00	(520,000.00)	0.00
Cash Transfer	04/10/2024	CCYUSD	(900,000.00)	Cash		0.00%	(900,000.00)	0.00	(900,000.00)	0.00
Cash Transfer	04/19/2024	CCYUSD	(2,085,000.00)	Cash		0.00%	(2,085,000.00)	0.00	(2,085,000.00)	0.00
Cash Transfer	04/25/2024	CCYUSD	(2,760,000.00)	Cash		0.00%	(2,760,000.00)	0.00	(2,760,000.00)	0.00
Cash Transfer	04/30/2024	CCYUSD	19,680,965.27	Cash		0.00%	19,680,965.27	0.00	19,680,965.27	0.00
<b>Total Cash Transfer</b>			<b>13,415,965.27</b>				<b>13,415,965.27</b>	<b>0.00</b>	<b>13,415,965.27</b>	<b>0.00</b>
Coupon	04/01/2024	3137BKRJ1	0.00	FHMS K-047 A2 3.329 05/25/2025		2.92%	277.42	0.00	277.42	0.00
Coupon	04/01/2024	46625HQW3	0.00	JPMORGAN CHASE & CO 3.3 04/01/2026		5.15%	2,887.50	0.00	2,887.50	0.00
Coupon	04/01/2024	3137BNGT5	0.00	FHMS K-054 A2 2.745 01/25/2026		4.57%	571.88	0.00	571.88	0.00
Coupon	04/01/2024	3137BVZ82	0.00	FHMS K-063 A2 3.43 01/25/2027		4.23%	285.83	0.00	285.83	0.00
Coupon	04/01/2024	3137FBBX3	0.00	FHMS K-068 A2 3.244 08/25/2027		3.95%	337.92	0.00	337.92	0.00

# TRANSACTION LEDGER



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Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
Coupon	04/01/2024	3137FBU79	0.00	FHMS K-069 A2 3.187 09/25/2027		4.16%	358.54	0.00	358.54	0.00
Coupon	04/01/2024	3137FETN0	0.00	FHMS K-073 A2 3.35 01/25/2028		4.25%	376.87	0.00	376.87	0.00
Coupon	04/15/2024	89240BAC2	0.00	TAOT 2021-A A3 0.26 05/15/2025		0.30%	1.45	0.00	1.45	0.00
Coupon	04/15/2024	47788UAC6	0.00	JDOT 2021 A3 0.36 09/15/2025		0.38%	1.90	0.00	1.90	0.00
Coupon	04/15/2024	44933LAC7	0.00	HART 2021-A A3 0.38 09/15/2025		0.40%	2.25	0.00	2.25	0.00
Coupon	04/15/2024	47789QAC4	0.00	JDOT 2021-B A3 0.52 03/16/2026		0.52%	8.74	0.00	8.74	0.00
Coupon	04/15/2024	44934KAC8	0.00	HART 2021-B A3 0.38 01/15/2026		0.61%	9.05	0.00	9.05	0.00
Coupon	04/15/2024	89238JAC9	0.00	TAOT 2021-D A3 0.71 04/15/2026		0.71%	9.92	0.00	9.92	0.00
Coupon	04/15/2024	47787JAC2	0.00	JDOT 2022 A3 0.36 09/15/2026		2.35%	60.41	0.00	60.41	0.00
Coupon	04/15/2024	58770AAC7	0.00	MBART 2023-1 A3 4.51 11/15/2027		4.56%	169.12	0.00	169.12	0.00
Coupon	04/15/2024	161571HT4	0.00	CHAIT 2023-1 A 5.16 09/15/2028		5.23%	623.50	0.00	623.50	0.00
Coupon	04/15/2024	89238DAD0	0.00	TAOT 2024-A A3 4.83 10/16/2028		4.89%	301.88	0.00	301.88	0.00
Coupon	04/15/2024	47800RAD5	0.00	JDOT 2024 A3 4.96 11/15/2028		5.12%	125.38	0.00	125.38	0.00
Coupon	04/15/2024	87612EBL9	0.00	TARGET CORP 2.25 04/15/2025		2.51%	1,406.25	0.00	1,406.25	0.00
Coupon	04/15/2024	91282CBV2	0.00	UNITED STATES TREASURY 0.375 04/15/2024		0.38%	468.75	0.00	468.75	0.00
Coupon	04/15/2024	91282CDB4	0.00	UNITED STATES TREASURY 0.625 10/15/2024		0.63%	625.00	0.00	625.00	0.00
Coupon	04/16/2024	362554AC1	0.00	GMCAR 2021-4 A3 0.68 09/16/2026		0.68%	8.28	0.00	8.28	0.00
Coupon	04/16/2024	362585AC5	0.00	GMCAR 2022-2 A3 3.1 02/16/2027		3.13%	82.30	0.00	82.30	0.00
Coupon	04/16/2024	362583AD8	0.00	GMCAR 2023-2 A3 4.47 02/16/2028		4.51%	186.25	0.00	186.25	0.00

# TRANSACTION LEDGER



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Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
Coupon	04/16/2024	36268GAD7	0.00	GMCAR 2024-1 A3 4.85 12/18/2028		4.91%	80.83	0.00	80.83	0.00
Coupon	04/16/2024	45950KCR9	0.00	INTERNATIONAL FINANCE CORP 1.375 10/16/2024		0.54%	688.00	0.00	688.00	0.00
Coupon	04/18/2024	43815EAC8	0.00	HAROT 2021-3 A3 0.41 11/18/2025		0.41%	8.36	0.00	8.36	0.00
Coupon	04/20/2024	379929AD4	0.00	GMALT 2023-3 A3 5.38 11/20/2026		5.45%	134.50	0.00	134.50	0.00
Coupon	04/21/2024	43813GAC5	0.00	HAROT 2021-1 A3 0.27 04/21/2025		0.27%	0.73	0.00	0.73	0.00
Coupon	04/21/2024	43815GAC3	0.00	HAROT 2021-4 A3 0.88 01/21/2026		0.90%	13.95	0.00	13.95	0.00
Coupon	04/21/2024	43815JAC7	0.00	HAROT 2023-1 A3 5.04 04/21/2027		5.10%	147.00	0.00	147.00	0.00
Coupon	04/21/2024	438123AC5	0.00	HAROT 2023-4 A3 5.67 06/21/2028		5.75%	212.63	0.00	212.63	0.00
Coupon	04/25/2024	05602RAD3	0.00	BMWOT 2022-A A3 3.21 08/25/2026		3.23%	74.36	0.00	74.36	0.00
Coupon	04/25/2024	05593AAC3	0.00	BMWLT 2023-1 A3 5.16 11/25/2025		5.22%	86.00	0.00	86.00	0.00
Coupon	04/30/2024	713448CT3	0.00	PEPSICO INC 2.75 04/30/2025		4.66%	2,062.50	0.00	2,062.50	0.00
Coupon	04/30/2024	9128285J5	0.00	UNITED STATES TREASURY 3.0 10/31/2025		4.24%	3,750.00	0.00	3,750.00	0.00
Coupon	04/30/2024	9128286S4	0.00	UNITED STATES TREASURY 2.375 04/30/2026		4.13%	2,968.75	0.00	2,968.75	0.00
Coupon	04/30/2024	912828ZL7	0.00	UNITED STATES TREASURY 0.375 04/30/2025		2.39%	375.00	0.00	375.00	0.00
<b>Total Coupon</b>			<b>0.00</b>				<b>19,789.00</b>	<b>0.00</b>	<b>19,789.00</b>	<b>0.00</b>
Custody Fee	04/26/2024	CCYUSD	(1,000.00)	Cash		0.00%	(1,000.00)	0.00	(1,000.00)	0.00
<b>Total Custody Fee</b>			<b>(1,000.00)</b>				<b>(1,000.00)</b>	<b>0.00</b>	<b>(1,000.00)</b>	<b>0.00</b>
Dividend	04/15/2024	90LAIF\$00	0.00	State Pool		4.27%	2,102.87	0.00	2,102.87	0.00
Dividend	04/30/2024	31846V203	0.00	FIRST AMER:GVT OBLG Y		4.93%	19,277.08	0.00	19,277.08	0.00
<b>Total Dividend</b>			<b>0.00</b>				<b>21,379.95</b>	<b>0.00</b>	<b>21,379.95</b>	<b>0.00</b>

# TRANSACTION LEDGER



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Transaction Type	Settlement Date	CUSIP	Quantity	Security Description	Price	Acq/Disp Yield	Amount	Interest Pur/Sold	Total Amount	Gain/Loss
Principal Paydown	04/01/2024	3137BKRJ1	60.89	FHMS K-047 A2 3.329 05/25/2025		2.92%	60.89	--	60.89	0.00
Principal Paydown	04/15/2024	89240BAC2	3,020.56	TAOT 2021-A A3 0.26 05/15/2025		0.30%	3,020.56	--	3,020.56	(0.00)
Principal Paydown	04/15/2024	47788UAC6	979.90	JDOT 2021 A3 0.36 09/15/2025		0.38%	979.90	--	979.90	(0.00)
Principal Paydown	04/15/2024	44933LAC7	1,957.34	HART 2021-A A3 0.38 09/15/2025		0.40%	1,957.34	--	1,957.34	0.00
Principal Paydown	04/15/2024	47789QAC4	2,116.01	JDOT 2021-B A3 0.52 03/16/2026		0.52%	2,116.01	--	2,116.01	0.00
Principal Paydown	04/15/2024	44934KAC8	4,320.75	HART 2021-B A3 0.38 01/15/2026		0.61%	4,320.75	--	4,320.75	0.00
Principal Paydown	04/15/2024	89238JAC9	1,467.92	TAOT 2021-D A3 0.71 04/15/2026		0.71%	1,467.92	--	1,467.92	0.00
Principal Paydown	04/15/2024	47787JAC2	2,043.70	JDOT 2022 A3 0.36 09/15/2026		2.35%	2,043.70	--	2,043.70	(0.00)
Principal Paydown	04/16/2024	362554AC1	1,150.73	GMCAR 2021-4 A3 0.68 09/16/2026		0.68%	1,150.73	--	1,150.73	(0.00)
Principal Paydown	04/16/2024	362585AC5	1,917.89	GMCAR 2022-2 A3 3.1 02/16/2027		3.13%	1,917.89	--	1,917.89	0.00
Principal Paydown	04/18/2024	43815EAC8	2,875.74	HAROT 2021-3 A3 0.41 11/18/2025		0.41%	2,875.74	--	2,875.74	0.00
Principal Paydown	04/21/2024	43813GAC5	1,616.09	HAROT 2021-1 A3 0.27 04/21/2025		0.27%	1,616.09	--	1,616.09	0.00
Principal Paydown	04/21/2024	43815GAC3	1,713.57	HAROT 2021-4 A3 0.88 01/21/2026		0.90%	1,713.57	--	1,713.57	(0.00)
Principal Paydown	04/25/2024	05602RAD3	2,039.17	BMWOT 2022-A A3 3.21 08/25/2026		3.23%	2,039.17	--	2,039.17	(0.00)
<b>Total Principal Paydown</b>			<b>27,280.26</b>				<b>27,280.26</b>	<b>--</b>	<b>27,280.26</b>	<b>0.01</b>
<b>TOTAL OTHER TRANSACTIONS</b>			<b>13,442,245.53</b>				<b>13,483,414.48</b>	<b>0.00</b>	<b>13,483,414.48</b>	<b>0.01</b>

# INCOME EARNED



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Cusip	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
<b>CASH &amp; EQUIVALENTS</b>						
31846V203	FIRST AMER:GVT OBLG Y	2,955,134.31	1,135,636.33 8,083,149.09 (6,263,651.11) 2,955,134.31	0.00 16,220.49 0.00 16,220.49	0.00 0.00 0.00 16,220.49	16,220.49
90CHECK\$1	Checking Deposit Bank Account	22,055,590.07	2,374,624.80 19,680,965.27 0.00 22,055,590.07	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00
912797HG5	UNITED STATES TREASURY 04/25/2024	04/16/2024 04/17/2024 0.00	0.00 1,997,651.11 (2,000,000.00) 0.00	0.00 0.00 0.00 0.00	2,348.89 0.00 2,348.89 2,348.89	2,348.89
912797JN8	UNITED STATES TREASURY 04/16/2024	02/22/2024 02/23/2024 0.00	1,247,253.91 0.00 (1,250,000.00) 0.00	0.00 0.00 0.00 0.00	2,746.09 0.00 2,746.09 2,746.09	2,746.09
912797JV0	UNITED STATES TREASURY 05/07/2024	02/22/2024 02/23/2024 500,000.00	497,382.50 0.00 0.00 499,563.75	0.00 0.00 0.00 0.00	2,181.25 0.00 2,181.25 2,181.25	2,181.25
912797JW8	UNITED STATES TREASURY 05/14/2024	02/22/2024 02/23/2024 2,000,000.00	1,987,541.94 0.00 0.00 1,996,233.61	0.00 0.00 0.00 0.00	8,691.67 0.00 8,691.67 8,691.67	8,691.67
CCYUSD	Receivable	37,164.17	84,804.58 0.00 0.00 37,164.17	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00
			<b>7,327,244.06</b>	<b>0.00</b>	<b>15,967.90</b>	
			<b>29,761,765.47</b>	<b>16,220.49</b>	<b>0.00</b>	
			<b>(9,513,651.11)</b>	<b>0.00</b>	<b>15,967.90</b>	
<b>Total Cash &amp; Equivalents</b>		<b>27,547,888.55</b>	<b>27,543,685.91</b>	<b>16,220.49</b>	<b>32,188.39</b>	<b>32,188.39</b>

## FIXED INCOME

# INCOME EARNED



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Cusip	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
00440EAV9	CHUBB INA HOLDINGS LLC 3.35 05/03/2026	03/14/2023 03/16/2023 150,000.00	145,971.52 0.00 0.00 146,130.13	2,065.83 0.00 2,484.58 418.75	158.60 0.00 158.60 577.35	577.35
023135BW5	AMAZON.COM INC 0.45 05/12/2024	05/10/2021 05/12/2021 85,000.00	84,995.36 0.00 0.00 84,998.75	147.69 0.00 179.56 31.88	3.40 0.00 3.40 35.27	35.27
023135CN4	AMAZON.COM INC 4.6 12/01/2025	12/28/2022 12/30/2022 100,000.00	99,974.93 0.00 0.00 99,976.17	1,533.33 0.00 1,916.67 383.33	1.23 0.00 1.23 384.57	384.57
037833BY5	APPLE INC 3.25 02/23/2026	02/21/2023 02/23/2023 150,000.00	145,978.58 0.00 0.00 146,152.66	514.58 0.00 920.83 406.25	174.09 0.00 174.09 580.34	580.34
05593AAC3	BMWLT 2023-1 A3 5.16 11/25/2025	02/07/2023 02/15/2023 20,000.00	19,999.71 0.00 0.00 19,999.73	17.20 86.00 17.20 86.00	0.01 0.00 0.01 86.01	86.01
05602RAD3	BMWOT 2022-A A3 3.21 08/25/2026	05/10/2022 05/18/2022 25,759.76	27,798.29 0.00 (2,039.17) 25,759.18	14.87 74.36 13.78 73.27	0.07 0.00 0.07 73.34	73.34
06051GJY6	BANK OF AMERICA CORP 5.74518 06/14/2024	06/07/2021 06/14/2021 100,000.00	100,000.00 0.00 0.00 100,000.00	286.72 0.00 765.83 479.10	0.00 0.00 0.00 479.10	479.10
06367WB85	BANK OF MONTREAL 1.85 05/01/2025	08/29/2022 08/31/2022 125,000.00	122,238.75 0.00 0.00 122,448.47	963.54 0.00 1,156.25 192.71	209.72 0.00 209.72 402.42	402.42
06406RBN6	BANK OF NEW YORK MELLON CORP 4.543 02/01/2029	02/27/2024 02/29/2024 125,000.00	123,117.99 0.00 0.00 123,158.29	946.46 0.00 1,419.69 473.23	40.30 0.00 40.30 513.53	513.53

# INCOME EARNED



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Cusip	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
14913R2L0	CATERPILLAR FINANCIAL SERVICES CORP 0.45 05/17/2024	05/10/2021 05/17/2021 130,000.00	129,992.69 0.00 0.00 129,997.46	217.75 0.00 266.50 48.75	4.77 0.00 4.77 53.52	53.52
161571HT4	CHAIT 2023-1 A 5.16 09/15/2028	09/07/2023 09/15/2023 145,000.00	144,964.19 0.00 0.00 144,964.85	332.53 623.50 332.53 623.50	0.66 0.00 0.66 624.16	624.16
17275RBQ4	CISCO SYSTEMS INC 4.8 02/26/2027	02/21/2024 02/26/2024 75,000.00	74,905.61 0.00 0.00 74,908.28	350.00 0.00 650.00 300.00	2.67 0.00 2.67 302.67	302.67
17275RBR2	CISCO SYSTEMS INC 4.85 02/26/2029	02/27/2024 02/29/2024 100,000.00	100,150.27 0.00 0.00 100,147.71	471.53 0.00 875.69 404.17	0.00 (2.56) (2.56) 401.61	401.61
24422EXD6	JOHN DEERE CAPITAL CORP 5.15 09/08/2026	09/28/2023 10/02/2023 150,000.00	149,510.58 0.00 0.00 149,527.08	493.54 0.00 1,137.29 643.75	16.50 0.00 16.50 660.25	660.25
3130AVBD3	FEDERAL HOME LOAN BANKS 4.5 03/09/2029	03/14/2024 03/15/2024 200,000.00	201,529.58 0.00 0.00 201,504.13	550.00 0.00 1,300.00 750.00	0.00 (25.45) (25.45) 724.55	724.55
3130AWC24	FEDERAL HOME LOAN BANKS 4.0 06/09/2028	07/06/2023 07/10/2023 250,000.00	245,414.69 0.00 0.00 245,504.59	3,111.11 0.00 3,944.44 833.33	89.91 0.00 89.91 923.24	923.24
3130AWTQ3	FEDERAL HOME LOAN BANKS 4.625 09/11/2026	09/12/2023 09/13/2023 250,000.00	248,851.10 0.00 0.00 248,889.70	642.36 0.00 1,605.90 963.54	38.60 0.00 38.60 1,002.14	1,002.14
3130AWTR1	FEDERAL HOME LOAN BANKS 4.375 09/08/2028	09/07/2023 09/08/2023 250,000.00	248,868.76 0.00 0.00 248,889.70	698.78 0.00 1,610.24 911.46	20.94 0.00 20.94 932.39	932.39

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3133EN5E6	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.0 12/29/2025	12/29/2022 12/30/2022 250,000.00	248,906.34 0.00 0.00 248,957.84	2,555.56 0.00 3,388.89 833.33	51.51 0.00 51.51 884.84	884.84
3133ENPY0	FEDERAL FARM CREDIT BANKS FUNDING CORP 1.75 02/25/2025	03/16/2022 03/21/2022 200,000.00	199,364.63 0.00 0.00 199,422.39	350.00 0.00 641.67 291.67	57.76 0.00 57.76 349.43	349.43
3133EPSW6	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.5 08/14/2026	08/09/2023 08/14/2023 270,000.00	269,509.89 0.00 0.00 269,526.88	1,586.25 0.00 2,598.75 1,012.50	17.00 0.00 17.00 1,029.50	1,029.50
3133EPVP7	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.75 07/08/2026	12/06/2023 12/07/2023 250,000.00	251,408.65 0.00 0.00 251,357.61	2,737.85 0.00 3,727.43 989.58	0.00 (51.04) (51.04) 938.55	938.55
3133EPWK7	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.5 09/22/2028	10/12/2023 10/16/2023 200,000.00	198,318.75 0.00 0.00 198,349.60	225.00 0.00 975.00 750.00	30.85 0.00 30.85 780.85	780.85
3133EPZY4	FEDERAL FARM CREDIT BANKS FUNDING CORP 5.0 07/30/2026	11/09/2023 11/10/2023 250,000.00	250,800.35 0.00 0.00 250,772.10	2,118.06 0.00 3,159.72 1,041.67	0.00 (28.25) (28.25) 1,013.42	1,013.42
3133ERAK7	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.375 04/10/2029	04/10/2024 04/15/2024 250,000.00	0.00 247,100.00 0.00 247,125.48	0.00 (151.91) 638.02 486.11	25.48 0.00 25.48 511.59	511.59
3137BKRJ1	FHMS K-047 A2 3.329 05/25/2025	05/19/2022 05/24/2022 99,939.11	100,212.83 0.00 (60.89) 100,135.65	277.42 277.42 277.25 277.25	0.00 (16.28) (16.28) 260.97	260.97
3137BNGT5	FHMS K-054 A2 2.745 01/25/2026	02/15/2023 02/21/2023 250,000.00	242,278.71 0.00 0.00 242,640.64	571.88 571.88 571.88 571.88	361.94 0.00 361.94 933.82	933.82

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3137BVZ82	FHMS K-063 A2 3.43 01/25/2027	12/05/2022 12/09/2022 100,000.00	97,843.46 0.00 0.00 97,907.83	285.83 285.83 285.83 285.83	64.37 0.00 64.37 350.20	350.20
3137FBBX3	FHMS K-068 A2 3.244 08/25/2027	05/12/2023 05/17/2023 125,000.00	122,111.93 0.00 0.00 122,183.13	337.92 337.92 337.92 337.92	71.19 0.00 71.19 409.11	409.11
3137FBU79	FHMS K-069 A2 3.187 09/25/2027	05/18/2023 05/23/2023 135,000.00	130,748.73 0.00 0.00 130,850.92	358.54 358.54 358.54 358.54	102.19 0.00 102.19 460.73	460.73
3137FETN0	FHMS K-073 A2 3.35 01/25/2028	05/24/2023 05/30/2023 135,000.00	130,709.18 0.00 0.00 130,803.14	376.88 376.87 376.88 376.87	93.96 0.00 93.96 470.83	470.83
362554AC1	GMCAR 2021-4 A3 0.68 09/16/2026	10/13/2021 10/21/2021 13,454.60	14,605.21 0.00 (1,150.73) 13,454.49	4.14 8.28 3.81 7.95	0.01 0.00 0.01 7.97	7.97
362583AD8	GMCAR 2023-2 A3 4.47 02/16/2028	04/04/2023 04/12/2023 50,000.00	49,998.91 0.00 0.00 49,998.93	93.13 186.25 93.13 186.25	0.02 0.00 0.02 186.27	186.27
362585AC5	GMCAR 2022-2 A3 3.1 02/16/2027	04/05/2022 04/13/2022 29,940.03	31,854.80 0.00 (1,917.89) 29,937.18	41.15 82.30 38.67 79.82	0.27 0.00 0.27 80.09	80.09
36268GAD7	GMCAR 2024-1 A3 4.85 12/18/2028	01/09/2024 01/17/2024 20,000.00	19,996.15 0.00 0.00 19,996.21	40.42 80.83 40.42 80.83	0.07 0.00 0.07 80.90	80.90
379929AD4	GMALT 2023-3 A3 5.38 11/20/2026	08/08/2023 08/16/2023 30,000.00	29,997.09 0.00 0.00 29,997.18	49.32 134.50 49.32 134.50	0.09 0.00 0.09 134.59	134.59

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437076CV2	HOME DEPOT INC 4.95 09/30/2026	12/04/2023 150,000.00	150,104.01 0.00 0.00 150,100.35	20.63 2,392.50 639.38 3,011.25	3.19 (6.84) (3.65) 3,007.60	3,007.60
438123AC5	HAROT 2023-4 A3 5.67 06/21/2028	11/01/2023 11/08/2023 45,000.00	44,992.76 0.00 0.00 44,992.90	70.88 212.63 70.88 212.63	0.14 0.00 0.14 212.77	212.77
43813GAC5	HAROT 2021-1 A3 0.27 04/21/2025	02/17/2021 02/24/2021 1,646.40	3,262.48 0.00 (1,616.09) 1,646.40	0.24 0.73 0.12 0.61	0.00 0.00 0.00 0.61	0.61
43815EAC8	HAROT 2021-3 A3 0.41 11/18/2025	08/17/2021 08/25/2021 21,601.79	24,477.45 0.00 (2,875.74) 21,601.73	3.62 8.36 3.20 7.93	0.01 0.00 0.01 7.95	7.95
43815GAC3	HAROT 2021-4 A3 0.88 01/21/2026	11/16/2021 11/24/2021 17,303.62	19,015.63 0.00 (1,713.57) 17,302.26	4.65 13.95 4.23 13.53	0.21 0.00 0.21 13.74	13.74
43815JAC7	HAROT 2023-1 A3 5.04 04/21/2027	02/16/2023 02/24/2023 35,000.00	34,995.22 0.00 0.00 34,995.35	49.00 147.00 49.00 147.00	0.13 0.00 0.13 147.13	147.13
44933LAC7	HART 2021-A A3 0.38 09/15/2025	04/20/2021 04/28/2021 5,138.52	7,095.67 0.00 (1,957.34) 5,138.40	1.20 2.25 0.87 1.92	0.06 0.00 0.06 1.98	1.98
44934KAC8	HART 2021-B A3 0.38 01/15/2026	07/20/2021 07/28/2021 24,255.08	28,573.81 0.00 (4,320.75) 24,253.44	4.83 9.05 4.10 8.32	0.38 0.00 0.38 8.70	8.70
4581X0DZ8	INTER-AMERICAN DEVELOPMENT BANK 0.5 09/23/2024	09/15/2021 09/23/2021 165,000.00	164,980.50 0.00 0.00 164,983.85	18.33 0.00 87.08 68.75	3.34 0.00 3.34 72.09	72.09

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45950KCR9	INTERNATIONAL FINANCE CORP 1.375 10/16/2024	07/12/2021 07/14/2021 100,000.00	100,447.58 0.00 0.00 100,379.76	630.21 688.00 57.29 115.08	0.00 (67.82) (67.82) 47.27	47.27
46625HQW3	JPMORGAN CHASE & CO 3.3 04/01/2026	12/27/2023 12/29/2023 175,000.00	170,201.62 0.00 0.00 170,398.82	2,887.50 2,887.50 481.25 481.25	197.19 0.00 197.19 678.44	678.44
47787JAC2	JDOT 2022 A3 0.36 09/15/2026	03/10/2022 03/16/2022 29,202.03	31,242.20 0.00 (2,043.70) 29,198.84	32.22 60.41 30.11 58.30	0.34 0.00 0.34 58.64	58.64
47788UAC6	JDOT 2021 A3 0.36 09/15/2025	03/02/2021 03/10/2021 5,351.67	6,331.24 0.00 (979.90) 5,351.41	1.01 1.90 0.86 1.74	0.07 0.00 0.07 1.81	1.81
47789QAC4	JDOT 2021-B A3 0.52 03/16/2026	07/13/2021 07/21/2021 18,041.92	20,157.47 0.00 (2,116.01) 18,041.53	4.66 8.74 4.17 8.25	0.07 0.00 0.07 8.32	8.32
47800RAD5	JDOT 2024 A3 4.96 11/15/2028	03/11/2024 03/19/2024 35,000.00	34,998.06 0.00 0.00 34,998.09	57.87 125.38 77.16 144.67	0.03 0.00 0.03 144.70	144.70
58770AAC7	MBART 2023-1 A3 4.51 11/15/2027	01/18/2023 01/25/2023 45,000.00	44,995.93 0.00 0.00 44,996.02	90.20 169.12 90.20 169.12	0.09 0.00 0.09 169.21	169.21
594918BJ2	MICROSOFT CORP 3.125 11/03/2025	01/20/2023 01/24/2023 150,000.00	147,426.75 0.00 0.00 147,559.62	1,927.08 0.00 2,317.71 390.63	132.87 0.00 132.87 523.49	523.49
665859AW4	NORTHERN TRUST CORP 4.0 05/10/2027	01/10/2023 01/12/2023 150,000.00	148,928.12 0.00 0.00 148,956.48	2,350.00 0.00 2,850.00 500.00	28.36 0.00 28.36 528.36	528.36

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69371RS56	PACCAR FINANCIAL CORP 5.05 08/10/2026	08/03/2023 08/10/2023 125,000.00	124,950.90 0.00 0.00 124,952.61	894.27 0.00 1,420.31 526.04	1.71 0.00 1.71 527.75	527.75
713448CT3	PEPSICO INC 2.75 04/30/2025	12/28/2022 12/30/2022 150,000.00	147,101.88 0.00 0.00 147,322.55	1,730.21 2,062.50 11.46 343.75	220.67 0.00 220.67 564.42	564.42
78015K7C2	ROYAL BANK OF CANADA 2.25 11/01/2024	02/05/2021 02/09/2021 150,000.00	151,493.68 0.00 0.00 151,284.28	1,406.25 0.00 1,687.50 281.25	0.00 (209.39) (209.39) 71.86	71.86
79466LAG9	SALESFORCE INC 0.625 07/15/2024	06/29/2021 07/12/2021 20,000.00	19,999.02 0.00 0.00 19,999.30	26.39 0.00 36.81 10.42	0.28 0.00 0.28 10.70	10.70
857477BR3	STATE STREET CORP 1.746 02/06/2026	02/02/2022 02/07/2022 35,000.00	35,000.00 0.00 0.00 35,000.00	93.36 0.00 144.29 50.93	0.00 0.00 0.00 50.93	50.93
87612EBL9	TARGET CORP 2.25 04/15/2025	03/15/2022 03/21/2022 125,000.00	124,671.21 0.00 0.00 124,697.23	1,296.88 1,406.25 125.00 234.38	26.03 0.00 26.03 260.40	260.40
89114QCA4	TORONTO-DOMINION BANK 2.65 06/12/2024	08/25/2021 08/27/2021 125,000.00	125,496.41 0.00 0.00 125,289.57	1,002.95 0.00 1,278.99 276.04	0.00 (206.84) (206.84) 69.20	69.20
89236TJH9	TOYOTA MOTOR CREDIT CORP 0.5 06/18/2024	06/15/2021 06/18/2021 80,000.00	79,993.23 0.00 0.00 79,995.83	114.44 0.00 147.78 33.33	2.61 0.00 2.61 35.94	35.94
89236TKX2	TOYOTA MOTOR CREDIT CORP 5.0 08/14/2026	09/28/2023 10/02/2023 150,000.00	148,640.54 0.00 0.00 148,687.69	979.17 0.00 1,604.17 625.00	47.15 0.00 47.15 672.15	672.15

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89238DAD0	TAOT 2024-A A3 4.83 10/16/2028	01/23/2024 01/30/2024 75,000.00	74,985.53 0.00 0.00 74,985.79	161.00 301.88 161.00 301.88	0.26 0.00 0.26 302.14	302.14
89238JAC9	TAOT 2021-D A3 0.71 04/15/2026	11/09/2021 11/15/2021 15,298.12	16,765.93 0.00 (1,467.92) 15,298.03	5.29 9.92 4.83 9.46	0.01 0.00 0.01 9.47	9.47
89240BAC2	TAOT 2021-A A3 0.26 05/15/2025	02/02/2021 02/08/2021 3,676.07	6,696.40 0.00 (3,020.56) 3,675.95	0.77 1.45 0.42 1.10	0.11 0.00 0.11 1.21	1.21
91159HHX1	US BANCORP 2.4 07/30/2024	02/05/2021 02/09/2021 200,000.00	200,923.89 0.00 0.00 200,608.93	813.33 0.00 1,213.33 400.00	0.00 (314.96) (314.96) 85.04	85.04
912797GZ4	UNITED STATES TREASURY 04/04/2024	0.00	5,997,394.79 0.00 (6,000,000.00) 0.00	0.00 0.00 0.00 0.00	2,605.21 0.00 2,605.21 2,605.21	2,605.21
912797HR1	UNITED STATES TREASURY 05/23/2024	02/22/2024 02/23/2024 750,000.00	744,326.04 0.00 0.00 747,599.48	0.00 0.00 0.00 0.00	3,273.44 0.00 3,273.44 3,273.44	3,273.44
912797JM0	UNITED STATES TREASURY 04/09/2024	01/03/2024 01/04/2024 0.00	749,136.46 0.00 (750,000.00) 0.00	0.00 0.00 0.00 0.00	863.54 0.00 863.54 863.54	863.54
912797JY4	UNITED STATES TREASURY 05/28/2024	02/22/2024 02/23/2024 3,500,000.00	3,471,030.94 0.00 0.00 3,486,277.81	0.00 0.00 0.00 0.00	15,246.87 0.00 15,246.87 15,246.87	15,246.87
912797JZ1	UNITED STATES TREASURY 06/04/2024	02/22/2024 02/23/2024 1,000,000.00	990,715.56 0.00 0.00 995,067.64	0.00 0.00 0.00 0.00	4,352.08 0.00 4,352.08 4,352.08	4,352.08

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912797KE6	UNITED STATES TREASURY 06/11/2024	02/22/2024 02/23/2024 1,500,000.00	1,484,564.89 0.00 0.00 1,491,086.77	0.00 0.00 0.00 0.00	6,521.88 0.00 6,521.88 6,521.88	6,521.88
912797KF3	UNITED STATES TREASURY 06/18/2024	02/22/2024 02/23/2024 600,000.00	593,217.25 0.00 0.00 595,826.00	0.00 0.00 0.00 0.00	2,608.75 0.00 2,608.75 2,608.75	2,608.75
9128283F5	UNITED STATES TREASURY 2.25 11/15/2027	06/07/2023 06/08/2023 200,000.00	188,210.27 0.00 0.00 188,477.62	1,706.04 0.00 2,076.92 370.88	267.34 0.00 267.34 638.22	638.22
9128285C0	UNITED STATES TREASURY 3.0 09/30/2025	12/28/2022 12/29/2022 250,000.00	245,672.40 0.00 0.00 245,909.75	20.49 3,750.00 635.25 4,364.75	237.35 0.00 237.35 4,602.10	4,602.10
9128285J5	UNITED STATES TREASURY 3.0 10/31/2025	12/28/2022 12/29/2022 250,000.00	245,433.21 0.00 0.00 245,670.24	3,152.47 3,750.00 20.38 617.91	237.03 0.00 237.03 854.94	854.94
9128285M8	UNITED STATES TREASURY 3.125 11/15/2028	02/27/2024 02/28/2024 250,000.00	237,442.62 0.00 0.00 237,665.66	2,961.88 0.00 3,605.77 643.89	223.04 0.00 223.04 866.93	866.93
9128286L9	UNITED STATES TREASURY 2.25 03/31/2026	12/28/2022 12/29/2022 250,000.00	241,328.79 0.00 0.00 241,685.63	15.37 2,812.50 476.43 3,273.57	356.84 0.00 356.84 3,630.41	3,630.41
9128286S4	UNITED STATES TREASURY 2.375 04/30/2026	12/29/2022 12/30/2022 250,000.00	241,546.42 0.00 0.00 241,880.55	2,495.71 2,968.75 16.13 489.18	334.13 0.00 334.13 823.31	823.31
912828K74	UNITED STATES TREASURY 2.0 08/15/2025	06/01/2022 06/02/2022 200,000.00	197,825.52 0.00 0.00 197,955.73	505.49 0.00 835.16 329.67	130.21 0.00 130.21 459.88	459.88

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912828M56	UNITED STATES TREASURY 2.25 11/15/2025	08/29/2022 08/31/2022 200,000.00	196,375.18 0.00 0.00 196,558.56	1,706.04 0.00 2,076.92 370.88	183.38 0.00 183.38 554.26	554.26
912828U24	UNITED STATES TREASURY 2.0 11/15/2026	01/05/2023 01/06/2023 250,000.00	237,623.43 0.00 0.00 238,011.00	1,895.60 0.00 2,307.69 412.09	387.58 0.00 387.58 799.66	799.66
912828V98	UNITED STATES TREASURY 2.25 02/15/2027	01/20/2023 01/23/2023 250,000.00	240,727.26 0.00 0.00 240,992.20	710.85 0.00 1,174.45 463.60	264.94 0.00 264.94 728.53	728.53
912828YD6	UNITED STATES TREASURY 1.375 08/31/2026	01/05/2023 01/06/2023 250,000.00	234,886.37 0.00 0.00 235,400.44	298.91 0.00 579.14 280.23	514.07 0.00 514.07 794.30	794.30
912828YE4	UNITED STATES TREASURY 1.25 08/31/2024	01/08/2021 01/11/2021 250,000.00	250,979.15 0.00 0.00 250,785.90	271.74 0.00 526.49 254.76	0.00 (193.25) (193.25) 61.50	61.50
912828Z52	UNITED STATES TREASURY 1.375 01/31/2025	06/07/2021 06/07/2021 200,000.00	201,486.13 0.00 0.00 201,339.95	460.85 0.00 687.50 226.65	0.00 (146.18) (146.18) 80.47	80.47
912828ZC7	UNITED STATES TREASURY 1.125 02/28/2025	02/09/2022 02/10/2022 200,000.00	199,170.96 0.00 0.00 199,245.65	195.65 0.00 379.08 183.42	74.69 0.00 74.69 258.11	258.11
912828ZF0	UNITED STATES TREASURY 0.5 03/31/2025	03/15/2022 03/21/2022 200,000.00	196,996.84 0.00 0.00 197,244.35	2.73 500.00 84.70 581.97	247.51 0.00 247.51 829.48	829.48
912828ZL7	UNITED STATES TREASURY 0.375 04/30/2025	03/22/2022 03/23/2022 200,000.00	195,798.12 0.00 0.00 196,118.06	315.25 375.00 2.04 61.79	319.94 0.00 319.94 381.73	381.73

# INCOME EARNED



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Cusip	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
91282CBV2	UNITED STATES TREASURY 0.375 04/15/2024	04/29/2021 04/30/2021 0.00	250,002.91 0.00 (250,000.00) 0.00	432.89 468.75 0.00 35.86	0.00 (2.91) (2.91) 32.95	32.95
91282CCG4	UNITED STATES TREASURY 0.25 06/15/2024	06/09/2021 06/15/2021 250,000.00	249,969.26 0.00 0.00 249,981.56	184.43 0.00 235.66 51.23	12.30 0.00 12.30 63.53	63.53
91282CCL3	UNITED STATES TREASURY 0.375 07/15/2024	07/13/2021 07/15/2021 250,000.00	249,968.19 0.00 0.00 249,977.28	198.32 0.00 275.58 77.27	9.09 0.00 9.09 86.35	86.35
91282CCX7	UNITED STATES TREASURY 0.375 09/15/2024	09/10/2021 09/15/2021 200,000.00	199,936.91 0.00 0.00 199,948.24	34.65 0.00 95.79 61.14	11.33 0.00 11.33 72.47	72.47
91282CDB4	UNITED STATES TREASURY 0.625 10/15/2024	10/14/2021 10/15/2021 200,000.00	199,997.19 0.00 0.00 199,997.62	577.19 625.00 54.64 102.46	0.43 0.00 0.43 102.89	102.89
91282CDH1	UNITED STATES TREASURY 0.75 11/15/2024	11/10/2021 11/15/2021 200,000.00	199,939.87 0.00 0.00 199,947.78	568.68 0.00 692.31 123.63	7.91 0.00 7.91 131.54	131.54
91282CDN8	UNITED STATES TREASURY 1.0 12/15/2024	02/01/2022 02/02/2022 200,000.00	199,478.29 0.00 0.00 199,538.95	590.16 0.00 754.10 163.93	60.66 0.00 60.66 224.60	224.60
91282CEF4	UNITED STATES TREASURY 2.5 03/31/2027	12/12/2022 12/13/2022 200,000.00	192,346.49 0.00 0.00 192,556.37	13.66 2,500.00 423.50 2,909.84	209.88 0.00 209.88 3,119.71	3,119.71
91282CEW7	UNITED STATES TREASURY 3.25 06/30/2027	12/29/2022 12/30/2022 250,000.00	244,344.17 0.00 0.00 244,487.36	2,053.57 0.00 2,723.21 669.64	143.19 0.00 143.19 812.83	812.83

# INCOME EARNED



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Cusip	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
91282CFH9	UNITED STATES TREASURY 3.125 08/31/2027	01/20/2023 01/23/2023 250,000.00	246,341.61 0.00 0.00 246,429.62	679.35 0.00 1,316.24 636.89	88.01 0.00 88.01 724.90	724.90
91282CFM8	UNITED STATES TREASURY 4.125 09/30/2027	08/16/2023 08/17/2023 250,000.00	246,867.82 0.00 0.00 246,941.40	28.18 5,156.25 873.46 6,001.54	73.58 0.00 73.58 6,075.12	6,075.12
91282CJT9	UNITED STATES TREASURY 4.0 01/15/2027	01/22/2024 01/23/2024 250,000.00	249,185.98 0.00 0.00 249,209.95	2,115.38 0.00 2,939.56 824.18	23.97 0.00 23.97 848.14	848.14
91282CJW2	UNITED STATES TREASURY 4.0 01/31/2029	03/25/2024 03/26/2024 250,000.00	247,323.54 0.00 0.00 247,369.01	1,675.82 0.00 2,500.00 824.18	45.47 0.00 45.47 869.64	869.64
91324PEB4	UNITEDHEALTH GROUP INC 0.55 05/15/2024	11/08/2021 11/10/2021 50,000.00	49,986.23 0.00 0.00 49,995.62	103.89 0.00 126.81 22.92	9.39 0.00 9.39 32.31	32.31
<b>Total Fixed Income</b>			<b>27,849,450.37</b> <b>247,100.00</b> <b>(7,027,280.25)</b> <b>21,110,246.85</b>	<b>68,016.85</b> <b>36,748.34</b> <b>81,258.52</b> <b>49,990.00</b>	<b>42,248.50</b> <b>(1,271.77)</b> <b>40,976.73</b> <b>90,966.73</b>	<b>90,966.73</b>
<b>LAIF</b>						
90LAIF\$00	State Pool	5,121,005.91	5,067,430.20 53,575.71 0.00 5,121,005.91	0.00 53,575.71 0.00 53,575.71	0.00 0.00 0.00 53,575.71	53,575.71
<b>Total LAIF</b>			<b>5,121,005.91</b>	<b>53,575.71</b>	<b>53,575.71</b>	<b>53,575.71</b>

# INCOME EARNED



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Cusip	Security Description	Trade Date Settle Date Units	Book Value: Begin Book Value: Acq Book Value: Disp Book Value: End	Prior Accrued Inc. Received Ending Accrued Total Interest	Accr. Of Discount Amort. Of Premium Net Accret/Amort Income Earned	Total Income
			40,244,124.63	68,016.85	58,216.40	
			30,062,441.18	106,544.54	(1,271.77)	
			(16,540,931.36)	81,258.52	56,944.63	
<b>TOTAL PORTFOLIO</b>		<b>53,984,503.18</b>	<b>53,774,938.67</b>	<b>119,786.20</b>	<b>176,730.83</b>	<b>176,730.83</b>

# CASH FLOW REPORT



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
<b>MAY 2024</b>							
05/01/2024	Dividend		0.00		17,887.09		17,887.09
05/01/2024	Dividend	31846V203	0.00		353.85		353.85
05/01/2024	Dividend	31846V203	0.00		18,923.23		18,923.23
05/01/2024	Coupon	06367WB85	0.00	BANK OF MONTREAL 1.85 05/01/2025		1,156.25	1,156.25
05/01/2024	Coupon	78015K7C2	0.00	ROYAL BANK OF CANADA 2.25 11/01/2024		1,687.50	1,687.50
05/03/2024	Coupon	00440EAV9	0.00	CHUBB INA HOLDINGS LLC 3.35 05/03/2026		2,512.50	2,512.50
05/03/2024	Coupon	594918BJ2	0.00	MICROSOFT CORP 3.125 11/03/2025		2,343.75	2,343.75
05/07/2024	Maturity	912797JV0	(500,000.00)	UNITED STATES TREASURY 05/07/2024	500,000.00		500,000.00
05/10/2024	Coupon	665859AW4	0.00	NORTHERN TRUST CORP 4.0 05/10/2027		3,000.00	3,000.00
05/13/2024	Coupon	023135BW5	0.00	AMAZON.COM INC 0.45 05/12/2024		191.25	191.25
05/13/2024	Maturity	023135BW5	(85,000.00)	AMAZON.COM INC 0.45 05/12/2024	85,000.00		85,000.00
05/15/2024	Coupon	161571HT4	145,000.00	CHAIT 2023-1 A 5.16 09/15/2028		623.50	623.50
05/15/2024	Coupon	44933LAC7	5,138.52	HART 2021-A A3 0.38 09/15/2025		1.63	1.63
05/15/2024	Principal Paydown	44933LAC7	5,138.52	HART 2021-A A3 0.38 09/15/2025	1,784.52		1,784.52
05/15/2024	Coupon	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026		11.93	11.93
05/15/2024	Principal Paydown	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026	3,916.69		3,916.69
05/15/2024	Coupon	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026		55.98	55.98
05/15/2024	Principal Paydown	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026	2,190.95		2,190.95
05/15/2024	Coupon	47788UAC6	5,351.67	JDOT 2021 A3 0.36 09/15/2025		1.61	1.61
05/15/2024	Principal Paydown	47788UAC6	5,351.67	JDOT 2021 A3 0.36 09/15/2025	1,023.04		1,023.04
05/15/2024	Coupon	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026		7.62	7.62
05/15/2024	Principal Paydown	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026	2,606.44		2,606.44
05/15/2024	Coupon	47800RAD5	35,000.00	JDOT 2024 A3 4.96 11/15/2028		144.67	144.67
05/15/2024	Coupon	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027		169.13	169.13
05/15/2024	Coupon	89238DAD0	75,000.00	TAOT 2024-A A3 4.83 10/16/2028		301.88	301.88
05/15/2024	Coupon	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026		8.97	8.97
05/15/2024	Principal Paydown	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026	1,533.08		1,533.08
05/15/2024	Coupon	89240BAC2	3,676.07	TAOT 2021-A A3 0.26 05/15/2025		0.76	0.76
05/15/2024	Principal Paydown	89240BAC2	3,676.07	TAOT 2021-A A3 0.26 05/15/2025	2,958.61		2,958.61
05/15/2024	Coupon	9128283F5	200,000.00	UNITED STATES TREASURY 2.25 11/15/2027		2,250.00	2,250.00
05/15/2024	Coupon	9128285M8	250,000.00	UNITED STATES TREASURY 3.125 11/15/2028		3,906.25	3,906.25

# CASH FLOW REPORT



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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
05/15/2024	Coupon	912828M56	200,000.00	UNITED STATES TREASURY 2.25 11/15/2025		2,250.00	2,250.00
05/15/2024	Coupon	912828U24	250,000.00	UNITED STATES TREASURY 2.0 11/15/2026		2,500.00	2,500.00
05/15/2024	Coupon	91282CDH1	200,000.00	UNITED STATES TREASURY 0.75 11/15/2024		750.00	750.00
05/15/2024	Coupon	91324PEB4	50,000.00	UNITEDHEALTH GROUP INC 0.55 05/15/2024		137.50	137.50
05/15/2024	Final Maturity	91324PEB4	50,000.00	UNITEDHEALTH GROUP INC 0.55 05/15/2024	50,000.00		50,000.00
05/16/2024	Coupon	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026		7.62	7.62
05/16/2024	Principal Paydown	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026	1,096.21		1,096.21
05/16/2024	Coupon	362583AD8	50,000.00	GMCAR 2023-2 A3 4.47 02/16/2028		186.25	186.25
05/16/2024	Coupon	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027		77.35	77.35
05/16/2024	Principal Paydown	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027	1,975.97		1,975.97
05/16/2024	Coupon	36268GAD7	20,000.00	GMCAR 2024-1 A3 4.85 12/18/2028		80.83	80.83
05/17/2024	Coupon	14913R2L0	130,000.00	CATERPILLAR FINANCIAL SERVICES CORP 0.45 05/17/2024		292.50	292.50
05/17/2024	Final Maturity	14913R2L0	130,000.00	CATERPILLAR FINANCIAL SERVICES CORP 0.45 05/17/2024	130,000.00		130,000.00
05/20/2024	Coupon	379929AD4	30,000.00	GMALT 2023-3 A3 5.38 11/20/2026		134.50	134.50
05/20/2024	Coupon	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025		7.36	7.36
05/20/2024	Principal Paydown	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025	2,587.08		2,587.08
05/21/2024	Coupon	438123AC5	45,000.00	HAROT 2023-4 A3 5.67 06/21/2028		212.63	212.63
05/21/2024	Coupon	43813GAC5	1,646.40	HAROT 2021-1 A3 0.27 04/21/2025		0.52	0.52
05/21/2024	Principal Paydown	43813GAC5	1,646.40	HAROT 2021-1 A3 0.27 04/21/2025	1,490.86		1,490.86
05/21/2024	Coupon	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026		12.69	12.69
05/21/2024	Principal Paydown	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026	1,724.13		1,724.13
05/21/2024	Coupon	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027		147.00	147.00
05/23/2024	Final Maturity	912797HR1	750,000.00	UNITED STATES TREASURY 05/23/2024	750,000.00		750,000.00
05/27/2024	Coupon	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025		86.00	86.00
05/27/2024	Principal Paydown	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025	1,891.46		1,891.46
05/27/2024	Coupon	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026		68.91	68.91
05/27/2024	Principal Paydown	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026	2,038.46		2,038.46
05/28/2024	Coupon	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025		277.25	277.25
05/28/2024	Coupon	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026		571.88	571.88
05/28/2024	Coupon	3137BVZ82	100,000.00	FHMS K-063 A2 3.43 01/25/2027		285.83	285.83

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
05/28/2024	Coupon	3137FBBX3	125,000.00	FHMS K-068 A2 3.244 08/25/2027		337.92	337.92
05/28/2024	Coupon	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027		358.54	358.54
05/28/2024	Coupon	3137FETN0	135,000.00	FHMS K-073 A2 3.35 01/25/2028		376.88	376.88
05/28/2024	Final Maturity	912797JY4	3,500,000.00	UNITED STATES TREASURY 05/28/2024	3,500,000.00		3,500,000.00
<b>May 2024 Total</b>					<b>5,080,981.68</b>	<b>27,535.10</b>	<b>5,108,516.78</b>
<b>JUNE 2024</b>							
06/03/2024	Coupon	023135CN4	100,000.00	AMAZON.COM INC 4.6 12/01/2025		2,300.00	2,300.00
06/04/2024	Final Maturity	912797JZ1	1,000,000.00	UNITED STATES TREASURY 06/04/2024	1,000,000.00		1,000,000.00
06/10/2024	Coupon	3130AWC24	250,000.00	FEDERAL HOME LOAN BANKS 4.0 06/09/2028		5,000.00	5,000.00
06/11/2024	Final Maturity	912797KE6	1,500,000.00	UNITED STATES TREASURY 06/11/2024	1,500,000.00		1,500,000.00
06/12/2024	Coupon	89114QCA4	125,000.00	TORONTO-DOMINION BANK 2.65 06/12/2024		1,656.25	1,656.25
06/12/2024	Final Maturity	89114QCA4	125,000.00	TORONTO-DOMINION BANK 2.65 06/12/2024	125,000.00		125,000.00
06/17/2024	Coupon	161571HT4	145,000.00	CHAIT 2023-1 A 5.16 09/15/2028		623.50	623.50
06/17/2024	Coupon	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026		7.00	7.00
06/17/2024	Principal Paydown	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026	1,067.07		1,067.07
06/17/2024	Coupon	362583AD8	50,000.00	GMCAR 2023-2 A3 4.47 02/16/2028		186.25	186.25
06/17/2024	Coupon	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027		72.24	72.24
06/17/2024	Principal Paydown	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027	1,938.93		1,938.93
06/17/2024	Coupon	36268GAD7	20,000.00	GMCAR 2024-1 A3 4.85 12/18/2028		80.83	80.83
06/17/2024	Coupon	44933LAC7	5,138.52	HART 2021-A A3 0.38 09/15/2025		1.06	1.06
06/17/2024	Principal Paydown	44933LAC7	5,138.52	HART 2021-A A3 0.38 09/15/2025	1,746.54		1,746.54
06/17/2024	Coupon	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026		10.00	10.00
06/17/2024	Principal Paydown	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026	3,847.95		3,847.95
06/17/2024	Coupon	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026		51.74	51.74
06/17/2024	Principal Paydown	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026	1,820.40		1,820.40
06/17/2024	Coupon	47788UAC6	5,351.67	JDOT 2021 A3 0.36 09/15/2025		1.30	1.30
06/17/2024	Principal Paydown	47788UAC6	5,351.67	JDOT 2021 A3 0.36 09/15/2025	873.42		873.42
06/17/2024	Coupon	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026		6.49	6.49
06/17/2024	Principal Paydown	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026	1,495.07		1,495.07
06/17/2024	Coupon	47800RAD5	35,000.00	JDOT 2024 A3 4.96 11/15/2028		144.67	144.67
06/17/2024	Coupon	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027		169.13	169.13
06/17/2024	Coupon	89238DAD0	75,000.00	TAOT 2024-A A3 4.83 10/16/2028		301.88	301.88

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
06/17/2024	Coupon	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026		8.07	8.07
06/17/2024	Principal Paydown	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026	1,411.61		1,411.61
06/17/2024	Coupon	89240BAC2	3,676.07	TAOT 2021-A A3 0.26 05/15/2025		0.12	0.12
06/17/2024	Effective Maturity	89240BAC2	3,676.07	TAOT 2021-A A3 0.26 05/15/2025	564.70		564.70
06/17/2024	Coupon	91282CCG4	250,000.00	UNITED STATES TREASURY 0.25 06/15/2024		312.50	312.50
06/17/2024	Final Maturity	91282CCG4	250,000.00	UNITED STATES TREASURY 0.25 06/15/2024	250,000.00		250,000.00
06/17/2024	Coupon	91282CDN8	200,000.00	UNITED STATES TREASURY 1.0 12/15/2024		1,000.00	1,000.00
06/18/2024	Coupon	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025		6.48	6.48
06/18/2024	Principal Paydown	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025	2,527.35		2,527.35
06/18/2024	Coupon	89236TJH9	80,000.00	TOYOTA MOTOR CREDIT CORP 0.5 06/18/2024		200.00	200.00
06/18/2024	Final Maturity	89236TJH9	80,000.00	TOYOTA MOTOR CREDIT CORP 0.5 06/18/2024	80,000.00		80,000.00
06/18/2024	Final Maturity	912797KF3	600,000.00	UNITED STATES TREASURY 06/18/2024	600,000.00		600,000.00
06/20/2024	Coupon	379929AD4	30,000.00	GMALT 2023-3 A3 5.38 11/20/2026		134.50	134.50
06/21/2024	Coupon	438123AC5	45,000.00	HAROT 2023-4 A3 5.67 06/21/2028		212.63	212.63
06/21/2024	Coupon	43813GAC5	1,646.40	HAROT 2021-1 A3 0.27 04/21/2025		0.18	0.18
06/21/2024	Effective Maturity	43813GAC5	1,646.40	HAROT 2021-1 A3 0.27 04/21/2025	815.82		815.82
06/21/2024	Coupon	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026		11.43	11.43
06/21/2024	Principal Paydown	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026	1,687.99		1,687.99
06/21/2024	Coupon	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027		147.00	147.00
06/25/2024	Coupon	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025		77.87	77.87
06/25/2024	Principal Paydown	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025	2,953.70		2,953.70
06/25/2024	Coupon	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026		63.45	63.45
06/25/2024	Principal Paydown	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026	1,991.74		1,991.74
06/25/2024	Coupon	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025		276.67	276.67
06/25/2024	Principal Paydown	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025	197.25		197.25
06/25/2024	Coupon	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026		571.88	571.88
06/25/2024	Coupon	3137BVZ82	100,000.00	FHMS K-063 A2 3.43 01/25/2027		285.83	285.83
06/25/2024	Coupon	3137FBBX3	125,000.00	FHMS K-068 A2 3.244 08/25/2027		337.92	337.92
06/25/2024	Coupon	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027		358.54	358.54
06/25/2024	Coupon	3137FETN0	135,000.00	FHMS K-073 A2 3.35 01/25/2028		376.88	376.88
06/25/2024	Final Maturity	912797KG1	1,450,000.00	UNITED STATES TREASURY 06/25/2024	1,450,000.00		1,450,000.00
<b>June 2024 Total</b>					<b>5,029,939.55</b>	<b>14,994.27</b>	<b>5,044,933.82</b>

# CASH FLOW REPORT



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
<b>JULY 2024</b>							
07/01/2024	Coupon	3133EN5E6	250,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.0 12/29/2025		5,000.00	5,000.00
07/01/2024	Coupon	91282CEW7	250,000.00	UNITED STATES TREASURY 3.25 06/30/2027		4,062.50	4,062.50
07/02/2024	Final Maturity	912797KH9	900,000.00	UNITED STATES TREASURY 07/02/2024	900,000.00		900,000.00
07/08/2024	Coupon	3133EPVP7	250,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.75 07/08/2026		5,937.50	5,937.50
07/15/2024	Coupon	161571HT4	145,000.00	CHAIT 2023-1 A 5.16 09/15/2028		623.50	623.50
07/15/2024	Coupon	44933LAC7	5,138.52	HART 2021-A A3 0.38 09/15/2025		0.51	0.51
07/15/2024	Effective Maturity	44933LAC7	5,138.52	HART 2021-A A3 0.38 09/15/2025	1,607.46		1,607.46
07/15/2024	Coupon	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026		8.11	8.11
07/15/2024	Principal Paydown	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026	3,744.87		3,744.87
07/15/2024	Coupon	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026		48.22	48.22
07/15/2024	Principal Paydown	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026	2,145.40		2,145.40
07/15/2024	Coupon	47788UAC6	5,351.67	JDOT 2021 A3 0.36 09/15/2025		1.04	1.04
07/15/2024	Principal Paydown	47788UAC6	5,351.67	JDOT 2021 A3 0.36 09/15/2025	908.43		908.43
07/15/2024	Coupon	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026		5.85	5.85
07/15/2024	Principal Paydown	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026	1,149.68		1,149.68
07/15/2024	Coupon	47800RAD5	35,000.00	JDOT 2024 A3 4.96 11/15/2028		144.67	144.67
07/15/2024	Coupon	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027		169.13	169.13
07/15/2024	Coupon	79466LAG9	20,000.00	SALESFORCE INC 0.625 07/15/2024		62.50	62.50
07/15/2024	Final Maturity	79466LAG9	20,000.00	SALESFORCE INC 0.625 07/15/2024	20,000.00		20,000.00
07/15/2024	Coupon	89238DAD0	75,000.00	TAOT 2024-A A3 4.83 10/16/2028		301.88	301.88
07/15/2024	Coupon	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026		7.23	7.23
07/15/2024	Principal Paydown	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026	1,288.25		1,288.25
07/15/2024	Coupon	91282CCL3	250,000.00	UNITED STATES TREASURY 0.375 07/15/2024		468.75	468.75
07/15/2024	Final Maturity	91282CCL3	250,000.00	UNITED STATES TREASURY 0.375 07/15/2024	250,000.00		250,000.00
07/15/2024	Coupon	91282CJT9	250,000.00	UNITED STATES TREASURY 4.0 01/15/2027		5,000.00	5,000.00
07/16/2024	Coupon	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026		6.40	6.40
07/16/2024	Principal Paydown	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026	988.12		988.12
07/16/2024	Coupon	362583AD8	50,000.00	GMCAR 2023-2 A3 4.47 02/16/2028		186.25	186.25
07/16/2024	Coupon	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027		67.23	67.23

# CASH FLOW REPORT



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
07/16/2024	Principal Paydown	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027	1,888.79		1,888.79
07/16/2024	Coupon	36268GAD7	20,000.00	GMCAR 2024-1 A3 4.85 12/18/2028		80.83	80.83
07/16/2024	Final Maturity	912797KP1	3,300,000.00	UNITED STATES TREASURY 07/16/2024	3,300,000.00		3,300,000.00
07/18/2024	Coupon	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025		5.61	5.61
07/18/2024	Principal Paydown	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025	2,468.72		2,468.72
07/22/2024	Coupon	379929AD4	30,000.00	GMALT 2023-3 A3 5.38 11/20/2026		134.50	134.50
07/22/2024	Coupon	438123AC5	45,000.00	HAROT 2023-4 A3 5.67 06/21/2028		212.63	212.63
07/22/2024	Coupon	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026		10.19	10.19
07/22/2024	Principal Paydown	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026	1,465.46		1,465.46
07/22/2024	Coupon	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027		147.00	147.00
07/23/2024	Final Maturity	912797KQ9	3,900,000.00	UNITED STATES TREASURY 07/23/2024	3,900,000.00		3,900,000.00
07/25/2024	Coupon	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025		65.17	65.17
07/25/2024	Principal Paydown	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025	2,775.43		2,775.43
07/25/2024	Coupon	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026		58.13	58.13
07/25/2024	Principal Paydown	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026	1,935.04		1,935.04
07/25/2024	Coupon	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025		276.12	276.12
07/25/2024	Principal Paydown	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025	208.53		208.53
07/25/2024	Coupon	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026		571.88	571.88
07/25/2024	Coupon	3137BVZ82	100,000.00	FHMS K-063 A2 3.43 01/25/2027		285.83	285.83
07/25/2024	Coupon	3137FBBX3	125,000.00	FHMS K-068 A2 3.244 08/25/2027		337.92	337.92
07/25/2024	Coupon	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027		358.54	358.54
07/25/2024	Principal Paydown	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027	47.89		47.89
07/25/2024	Coupon	3137FETN0	135,000.00	FHMS K-073 A2 3.35 01/25/2028		376.88	376.88
07/30/2024	Coupon	3133EPZY4	250,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 5.0 07/30/2026		6,250.00	6,250.00
07/30/2024	Coupon	91159HHX1	200,000.00	US BANCORP 2.4 07/30/2024		2,400.00	2,400.00
07/30/2024	Final Maturity	91159HHX1	200,000.00	US BANCORP 2.4 07/30/2024	200,000.00		200,000.00
07/30/2024	Final Maturity	912797KR7	900,000.00	UNITED STATES TREASURY 07/30/2024	900,000.00		900,000.00
07/31/2024	Coupon	912828Z52	200,000.00	UNITED STATES TREASURY 1.375 01/31/2025		1,375.00	1,375.00
07/31/2024	Coupon	91282CJW2	250,000.00	UNITED STATES TREASURY 4.0 01/31/2029		5,000.00	5,000.00
<b>July 2024 Total</b>					<b>9,492,622.08</b>	<b>40,047.46</b>	<b>9,532,669.55</b>
<b>AUGUST 2024</b>							

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
08/01/2024	Coupon	06406RBN6	125,000.00	BANK OF NEW YORK MELLON CORP 4.543 02/01/2029		2,839.38	2,839.38
08/06/2024	Coupon	857477BR3	35,000.00	STATE STREET CORP 1.746 02/06/2026		305.55	305.55
08/06/2024	Final Maturity	912797KW6	400,000.00	UNITED STATES TREASURY 08/06/2024	400,000.00		400,000.00
08/12/2024	Coupon	69371RS56	125,000.00	PACCAR FINANCIAL CORP 5.05 08/10/2026		3,156.25	3,156.25
08/13/2024	Final Maturity	912797KX4	350,000.00	UNITED STATES TREASURY 08/13/2024	350,000.00		350,000.00
08/14/2024	Coupon	3133EPSW6	270,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.5 08/14/2026		6,075.00	6,075.00
08/14/2024	Coupon	89236TKX2	150,000.00	TOYOTA MOTOR CREDIT CORP 5.0 08/14/2026		3,750.00	3,750.00
08/15/2024	Coupon	161571HT4	145,000.00	CHAIT 2023-1 A 5.16 09/15/2028		623.50	623.50
08/15/2024	Coupon	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026		6.27	6.27
08/15/2024	Principal Paydown	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026	3,622.24		3,622.24
08/15/2024	Coupon	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026		44.07	44.07
08/15/2024	Principal Paydown	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026	1,905.05		1,905.05
08/15/2024	Coupon	47788UAC6	5,351.67	JDOT 2021 A3 0.36 09/15/2025		0.76	0.76
08/15/2024	Principal Paydown	47788UAC6	5,351.67	JDOT 2021 A3 0.36 09/15/2025	1,023.57		1,023.57
08/15/2024	Coupon	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026		5.35	5.35
08/15/2024	Principal Paydown	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026	1,211.84		1,211.84
08/15/2024	Coupon	47800RAD5	35,000.00	JDOT 2024 A3 4.96 11/15/2028		144.67	144.67
08/15/2024	Coupon	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027		169.13	169.13
08/15/2024	Coupon	89238DAD0	75,000.00	TAOT 2024-A A3 4.83 10/16/2028		301.88	301.88
08/15/2024	Coupon	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026		6.47	6.47
08/15/2024	Principal Paydown	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026	1,247.10		1,247.10
08/15/2024	Coupon	912828K74	200,000.00	UNITED STATES TREASURY 2.0 08/15/2025		2,000.00	2,000.00
08/15/2024	Coupon	912828V98	250,000.00	UNITED STATES TREASURY 2.25 02/15/2027		2,812.50	2,812.50
08/16/2024	Coupon	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026		5.84	5.84
08/16/2024	Principal Paydown	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026	957.61		957.61
08/16/2024	Coupon	362583AD8	50,000.00	GMCAR 2023-2 A3 4.47 02/16/2028		186.25	186.25
08/16/2024	Coupon	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027		62.35	62.35
08/16/2024	Principal Paydown	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027	1,819.45		1,819.45
08/16/2024	Coupon	36268GAD7	20,000.00	GMCAR 2024-1 A3 4.85 12/18/2028		80.83	80.83
08/19/2024	Coupon	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025		4.77	4.77

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
08/19/2024	Principal Paydown	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025	2,397.57		2,397.57
08/20/2024	Coupon	379929AD4	30,000.00	GMALT 2023-3 A3 5.38 11/20/2026		134.50	134.50
08/20/2024	Final Maturity	912797KY2	3,000,000.00	UNITED STATES TREASURY 08/20/2024	3,000,000.00		3,000,000.00
08/21/2024	Coupon	438123AC5	45,000.00	HAROT 2023-4 A3 5.67 06/21/2028		212.63	212.63
08/21/2024	Coupon	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026		9.11	9.11
08/21/2024	Principal Paydown	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026	1,420.94		1,420.94
08/21/2024	Coupon	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027		147.00	147.00
08/23/2024	Coupon	037833BY5	150,000.00	APPLE INC 3.25 02/23/2026		2,437.50	2,437.50
08/26/2024	Coupon	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025		53.23	53.23
08/26/2024	Principal Paydown	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025	2,429.56		2,429.56
08/26/2024	Coupon	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026		52.95	52.95
08/26/2024	Principal Paydown	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026	1,864.53		1,864.53
08/26/2024	Coupon	17275RBQ4	75,000.00	CISCO SYSTEMS INC 4.8 02/26/2027		1,800.00	1,800.00
08/26/2024	Coupon	17275RBR2	100,000.00	CISCO SYSTEMS INC 4.85 02/26/2029		2,425.00	2,425.00
08/26/2024	Coupon	3133ENPY0	200,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 1.75 02/25/2025		1,750.00	1,750.00
08/26/2024	Coupon	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025		275.55	275.55
08/26/2024	Principal Paydown	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025	198.21		198.21
08/26/2024	Coupon	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026		571.88	571.88
08/26/2024	Coupon	3137BVZ82	100,000.00	FHMS K-063 A2 3.43 01/25/2027		285.83	285.83
08/26/2024	Coupon	3137FBBX3	125,000.00	FHMS K-068 A2 3.244 08/25/2027		337.92	337.92
08/26/2024	Coupon	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027		358.41	358.41
08/26/2024	Principal Paydown	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027	212.44		212.44
08/26/2024	Coupon	3137FETN0	135,000.00	FHMS K-073 A2 3.35 01/25/2028		376.88	376.88
08/27/2024	Final Maturity	912797KZ9	700,000.00	UNITED STATES TREASURY 08/27/2024	700,000.00		700,000.00
<b>August 2024 Total</b>					<b>4,470,310.13</b>	<b>33,809.18</b>	<b>4,504,119.32</b>
<b>SEPTEMBER 2024</b>							
09/03/2024	Final Maturity	912797LA3	900,000.00	UNITED STATES TREASURY 09/03/2024	900,000.00		900,000.00
09/03/2024	Coupon	912828YD6	250,000.00	UNITED STATES TREASURY 1.375 08/31/2026		1,718.75	1,718.75
09/03/2024	Coupon	912828YE4	250,000.00	UNITED STATES TREASURY 1.25 08/31/2024		1,562.50	1,562.50
09/03/2024	Final Maturity	912828YE4	250,000.00	UNITED STATES TREASURY 1.25 08/31/2024	250,000.00		250,000.00
09/03/2024	Coupon	912828ZC7	200,000.00	UNITED STATES TREASURY 1.125 02/28/2025		1,125.00	1,125.00

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
09/03/2024	Coupon	91282CFH9	250,000.00	UNITED STATES TREASURY 3.125 08/31/2027		3,906.25	3,906.25
09/09/2024	Coupon	24422EXD6	150,000.00	JOHN DEERE CAPITAL CORP 5.15 09/08/2026		3,862.50	3,862.50
09/09/2024	Coupon	3130AVBD3	200,000.00	FEDERAL HOME LOAN BANKS 4.5 03/09/2029		4,500.00	4,500.00
09/09/2024	Coupon	3130AWTR1	250,000.00	FEDERAL HOME LOAN BANKS 4.375 09/08/2028		5,468.75	5,468.75
09/11/2024	Coupon	3130AWTQ3	250,000.00	FEDERAL HOME LOAN BANKS 4.625 09/11/2026		5,781.25	5,781.25
09/12/2024	Final Maturity	912797KK2	2,000,000.00	UNITED STATES TREASURY 09/12/2024	2,000,000.00		2,000,000.00
09/16/2024	Coupon	161571HT4	145,000.00	CHAIT 2023-1 A 5.16 09/15/2028		623.50	623.50
09/16/2024	Coupon	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026		5.30	5.30
09/16/2024	Principal Paydown	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026	937.57		937.57
09/16/2024	Coupon	362583AD8	50,000.00	GMCAR 2023-2 A3 4.47 02/16/2028		186.25	186.25
09/16/2024	Coupon	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027		57.65	57.65
09/16/2024	Principal Paydown	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027	1,774.32		1,774.32
09/16/2024	Coupon	36268GAD7	20,000.00	GMCAR 2024-1 A3 4.85 12/18/2028		80.83	80.83
09/16/2024	Coupon	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026		4.49	4.49
09/16/2024	Principal Paydown	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026	3,534.94		3,534.94
09/16/2024	Coupon	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026		40.39	40.39
09/16/2024	Principal Paydown	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026	1,874.45		1,874.45
09/16/2024	Coupon	47788UAC6	5,351.67	JDOT 2021 A3 0.36 09/15/2025		0.46	0.46
09/16/2024	Principal Paydown	47788UAC6	5,351.67	JDOT 2021 A3 0.36 09/15/2025	1,053.24		1,053.24
09/16/2024	Coupon	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026		4.82	4.82
09/16/2024	Principal Paydown	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026	1,193.04		1,193.04
09/16/2024	Coupon	47800RAD5	35,000.00	JDOT 2024 A3 4.96 11/15/2028		144.67	144.67
09/16/2024	Coupon	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027		169.13	169.13
09/16/2024	Coupon	89238DAD0	75,000.00	TAOT 2024-A A3 4.83 10/16/2028		301.88	301.88
09/16/2024	Coupon	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026		5.73	5.73
09/16/2024	Principal Paydown	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026	1,217.38		1,217.38
09/16/2024	Coupon	91282CCX7	200,000.00	UNITED STATES TREASURY 0.375 09/15/2024		375.00	375.00
09/16/2024	Final Maturity	91282CCX7	200,000.00	UNITED STATES TREASURY 0.375 09/15/2024	200,000.00		200,000.00
09/18/2024	Coupon	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025		3.95	3.95
09/18/2024	Principal Paydown	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025	2,342.32		2,342.32
09/20/2024	Coupon	379929AD4	30,000.00	GMALT 2023-3 A3 5.38 11/20/2026		134.50	134.50

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
09/23/2024	Coupon	3133EPWK7	200,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.5 09/22/2028		4,500.00	4,500.00
09/23/2024	Coupon	438123AC5	45,000.00	HAROT 2023-4 A3 5.67 06/21/2028		212.63	212.63
09/23/2024	Coupon	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026		8.07	8.07
09/23/2024	Principal Paydown	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026	1,384.58		1,384.58
09/23/2024	Coupon	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027		147.00	147.00
09/23/2024	Coupon	4581X0DZ8	165,000.00	INTER-AMERICAN DEVELOPMENT BANK 0.5 09/23/2024		412.50	412.50
09/23/2024	Final Maturity	4581X0DZ8	165,000.00	INTER-AMERICAN DEVELOPMENT BANK 0.5 09/23/2024	165,000.00		165,000.00
09/25/2024	Coupon	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025		42.78	42.78
09/25/2024	Principal Paydown	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025	2,226.12		2,226.12
09/25/2024	Coupon	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026		47.96	47.96
09/25/2024	Principal Paydown	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026	1,721.01		1,721.01
09/25/2024	Coupon	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025		275.00	275.00
09/25/2024	Principal Paydown	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025	198.68		198.68
09/25/2024	Coupon	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026		571.88	571.88
09/25/2024	Coupon	3137BVZ82	100,000.00	FHMS K-063 A2 3.43 01/25/2027		285.83	285.83
09/25/2024	Coupon	3137FBBX3	125,000.00	FHMS K-068 A2 3.244 08/25/2027		337.92	337.92
09/25/2024	Coupon	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027		357.85	357.85
09/25/2024	Principal Paydown	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027	213.15		213.15
09/25/2024	Coupon	3137FETN0	135,000.00	FHMS K-073 A2 3.35 01/25/2028		376.88	376.88
09/30/2024	Coupon	437076CV2	150,000.00	HOME DEPOT INC 4.95 09/30/2026		3,712.50	3,712.50
09/30/2024	Coupon	9128285C0	250,000.00	UNITED STATES TREASURY 3.0 09/30/2025		3,750.00	3,750.00
09/30/2024	Coupon	9128286L9	250,000.00	UNITED STATES TREASURY 2.25 03/31/2026		2,812.50	2,812.50
09/30/2024	Coupon	912828ZF0	200,000.00	UNITED STATES TREASURY 0.5 03/31/2025		500.00	500.00
09/30/2024	Coupon	91282CEF4	200,000.00	UNITED STATES TREASURY 2.5 03/31/2027		2,500.00	2,500.00
09/30/2024	Coupon	91282CFM8	250,000.00	UNITED STATES TREASURY 4.125 09/30/2027		5,156.25	5,156.25
<b>September 2024 Total</b>					<b>3,534,670.80</b>	<b>56,071.07</b>	<b>3,590,741.87</b>
<b>OCTOBER 2024</b>							
10/01/2024	Coupon	46625HQW3	175,000.00	JPMORGAN CHASE & CO 3.3 04/01/2026		2,887.50	2,887.50

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
10/10/2024	Coupon	3133ERAK7	250,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.375 04/10/2029		5,468.75	5,468.75
10/10/2024	Final Maturity	912797KT3	3,000,000.00	UNITED STATES TREASURY 10/10/2024	3,000,000.00		3,000,000.00
10/15/2024	Coupon	161571HT4	145,000.00	CHAIT 2023-1 A 5.16 09/15/2028		623.50	623.50
10/15/2024	Coupon	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026		2.75	2.75
10/15/2024	Principal Paydown	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026	3,396.00		3,396.00
10/15/2024	Coupon	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026		36.77	36.77
10/15/2024	Principal Paydown	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026	2,090.28		2,090.28
10/15/2024	Coupon	47788UAC6	5,351.67	JDOT 2021 A3 0.36 09/15/2025		0.14	0.14
10/15/2024	Effective Maturity	47788UAC6	5,351.67	JDOT 2021 A3 0.36 09/15/2025	469.96		469.96
10/15/2024	Coupon	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026		4.30	4.30
10/15/2024	Principal Paydown	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026	1,244.06		1,244.06
10/15/2024	Coupon	47800RAD5	35,000.00	JDOT 2024 A3 4.96 11/15/2028		144.67	144.67
10/15/2024	Coupon	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027		169.13	169.13
10/15/2024	Principal Paydown	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027	1,930.51		1,930.51
10/15/2024	Coupon	87612EBL9	125,000.00	TARGET CORP 2.25 04/15/2025		1,406.25	1,406.25
10/15/2024	Coupon	89238DAD0	75,000.00	TAOT 2024-A A3 4.83 10/16/2028		301.88	301.88
10/15/2024	Coupon	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026		5.01	5.01
10/15/2024	Principal Paydown	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026	1,173.21		1,173.21
10/15/2024	Coupon	91282CDB4	200,000.00	UNITED STATES TREASURY 0.625 10/15/2024		625.00	625.00
10/15/2024	Final Maturity	91282CDB4	200,000.00	UNITED STATES TREASURY 0.625 10/15/2024	200,000.00		200,000.00
10/16/2024	Coupon	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026		4.76	4.76
10/16/2024	Principal Paydown	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026	901.76		901.76
10/16/2024	Coupon	362583AD8	50,000.00	GMCAR 2023-2 A3 4.47 02/16/2028		186.25	186.25
10/16/2024	Coupon	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027		53.07	53.07
10/16/2024	Principal Paydown	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027	1,682.49		1,682.49
10/16/2024	Coupon	36268GAD7	20,000.00	GMCAR 2024-1 A3 4.85 12/18/2028		80.83	80.83
10/16/2024	Coupon	45950KCR9	100,000.00	INTERNATIONAL FINANCE CORP 1.375 10/16/2024		687.50	687.50
10/16/2024	Final Maturity	45950KCR9	100,000.00	INTERNATIONAL FINANCE CORP 1.375 10/16/2024	100,000.00		100,000.00
10/18/2024	Coupon	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025		3.15	3.15

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
10/18/2024	Principal Paydown	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025	2,261.32		2,261.32
10/21/2024	Coupon	379929AD4	30,000.00	GMALT 2023-3 A3 5.38 11/20/2026		134.50	134.50
10/21/2024	Coupon	438123AC5	45,000.00	HAROT 2023-4 A3 5.67 06/21/2028		212.63	212.63
10/21/2024	Coupon	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026		7.06	7.06
10/21/2024	Principal Paydown	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026	1,330.73		1,330.73
10/21/2024	Coupon	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027		147.00	147.00
10/25/2024	Coupon	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025		33.21	33.21
10/25/2024	Principal Paydown	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025	2,096.52		2,096.52
10/25/2024	Coupon	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026		43.36	43.36
10/25/2024	Principal Paydown	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026	1,645.31		1,645.31
10/25/2024	Coupon	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025		274.45	274.45
10/25/2024	Principal Paydown	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025	209.87		209.87
10/25/2024	Coupon	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026		571.88	571.88
10/25/2024	Coupon	3137BVZ82	100,000.00	FHMS K-063 A2 3.43 01/25/2027		285.83	285.83
10/25/2024	Coupon	3137FBBX3	125,000.00	FHMS K-068 A2 3.244 08/25/2027		337.92	337.92
10/25/2024	Coupon	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027		357.28	357.28
10/25/2024	Principal Paydown	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027	228.61		228.61
10/25/2024	Coupon	3137FETN0	135,000.00	FHMS K-073 A2 3.35 01/25/2028		376.88	376.88
10/30/2024	Coupon	713448CT3	150,000.00	PEPSICO INC 2.75 04/30/2025		2,062.50	2,062.50
10/31/2024	Final Maturity	912797HE0	3,000,000.00	UNITED STATES TREASURY 10/31/2024	3,000,000.00		3,000,000.00
10/31/2024	Coupon	9128285J5	250,000.00	UNITED STATES TREASURY 3.0 10/31/2025		3,750.00	3,750.00
10/31/2024	Coupon	9128286S4	250,000.00	UNITED STATES TREASURY 2.375 04/30/2026		2,968.75	2,968.75
10/31/2024	Coupon	912828ZL7	200,000.00	UNITED STATES TREASURY 0.375 04/30/2025		375.00	375.00
<b>October 2024 Total</b>					<b>6,320,660.63</b>	<b>24,629.43</b>	<b>6,345,290.06</b>
<b>NOVEMBER 2024</b>							
11/01/2024	Coupon	06367WB85	125,000.00	BANK OF MONTREAL 1.85 05/01/2025		1,156.25	1,156.25
11/01/2024	Coupon	78015K7C2	150,000.00	ROYAL BANK OF CANADA 2.25 11/01/2024		1,687.50	1,687.50
11/01/2024	Final Maturity	78015K7C2	150,000.00	ROYAL BANK OF CANADA 2.25 11/01/2024	150,000.00		150,000.00
11/04/2024	Coupon	00440EAV9	150,000.00	CHUBB INA HOLDINGS LLC 3.35 05/03/2026		2,512.50	2,512.50
11/04/2024	Coupon	594918BJ2	150,000.00	MICROSOFT CORP 3.125 11/03/2025		2,343.75	2,343.75
11/12/2024	Coupon	665859AW4	150,000.00	NORTHERN TRUST CORP 4.0 05/10/2027		3,000.00	3,000.00
11/15/2024	Coupon	161571HT4	145,000.00	CHAIT 2023-1 A 5.16 09/15/2028		623.50	623.50

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
11/15/2024	Coupon	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026		1.08	1.08
11/15/2024	Effective Maturity	44934KAC8	24,255.08	HART 2021-B A3 0.38 01/15/2026	2,192.38		2,192.38
11/15/2024	Coupon	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026		32.73	32.73
11/15/2024	Principal Paydown	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026	2,254.29		2,254.29
11/15/2024	Coupon	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026		3.77	3.77
11/15/2024	Principal Paydown	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026	1,478.15		1,478.15
11/15/2024	Coupon	47800RAD5	35,000.00	JDOT 2024 A3 4.96 11/15/2028		144.67	144.67
11/15/2024	Coupon	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027		161.87	161.87
11/15/2024	Principal Paydown	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027	2,326.15		2,326.15
11/15/2024	Coupon	89238DAD0	75,000.00	TAOT 2024-A A3 4.83 10/16/2028		301.88	301.88
11/15/2024	Coupon	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026		4.32	4.32
11/15/2024	Principal Paydown	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026	1,145.94		1,145.94
11/15/2024	Coupon	9128283F5	200,000.00	UNITED STATES TREASURY 2.25 11/15/2027		2,250.00	2,250.00
11/15/2024	Coupon	9128285M8	250,000.00	UNITED STATES TREASURY 3.125 11/15/2028		3,906.25	3,906.25
11/15/2024	Coupon	912828M56	200,000.00	UNITED STATES TREASURY 2.25 11/15/2025		2,250.00	2,250.00
11/15/2024	Coupon	912828U24	250,000.00	UNITED STATES TREASURY 2.0 11/15/2026		2,500.00	2,500.00
11/15/2024	Coupon	91282CDH1	200,000.00	UNITED STATES TREASURY 0.75 11/15/2024		750.00	750.00
11/15/2024	Final Maturity	91282CDH1	200,000.00	UNITED STATES TREASURY 0.75 11/15/2024	200,000.00		200,000.00
11/18/2024	Coupon	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026		4.25	4.25
11/18/2024	Principal Paydown	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026	881.06		881.06
11/18/2024	Coupon	362583AD8	50,000.00	GMCAR 2023-2 A3 4.47 02/16/2028		186.25	186.25
11/18/2024	Coupon	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027		48.72	48.72
11/18/2024	Principal Paydown	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027	1,541.65		1,541.65
11/18/2024	Coupon	36268GAD7	20,000.00	GMCAR 2024-1 A3 4.85 12/18/2028		80.83	80.83
11/18/2024	Coupon	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025		2.38	2.38
11/18/2024	Principal Paydown	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025	2,205.86		2,205.86
11/20/2024	Coupon	379929AD4	30,000.00	GMALT 2023-3 A3 5.38 11/20/2026		134.50	134.50
11/21/2024	Coupon	438123AC5	45,000.00	HAROT 2023-4 A3 5.67 06/21/2028		212.63	212.63
11/21/2024	Coupon	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026		6.08	6.08
11/21/2024	Principal Paydown	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026	1,295.25		1,295.25
11/21/2024	Coupon	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027		147.00	147.00
11/25/2024	Coupon	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025		24.20	24.20

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
11/25/2024	Principal Paydown	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025	2,218.09		2,218.09
11/25/2024	Coupon	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026		38.96	38.96
11/25/2024	Principal Paydown	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026	1,596.74		1,596.74
11/25/2024	Coupon	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025		273.86	273.86
11/25/2024	Principal Paydown	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025	199.65		199.65
11/25/2024	Coupon	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026		571.88	571.88
11/25/2024	Coupon	3137BVZ82	100,000.00	FHMS K-063 A2 3.43 01/25/2027		285.83	285.83
11/25/2024	Coupon	3137FBBX3	125,000.00	FHMS K-068 A2 3.244 08/25/2027		337.92	337.92
11/25/2024	Coupon	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027		356.67	356.67
11/25/2024	Principal Paydown	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027	214.61		214.61
11/25/2024	Coupon	3137FETN0	135,000.00	FHMS K-073 A2 3.35 01/25/2028		376.88	376.88
<b>November 2024 Total</b>					<b>369,549.82</b>	<b>26,718.88</b>	<b>396,268.70</b>
<b>DECEMBER 2024</b>							
12/02/2024	Coupon	023135CN4	100,000.00	AMAZON.COM INC 4.6 12/01/2025		2,300.00	2,300.00
12/09/2024	Coupon	3130AWC24	250,000.00	FEDERAL HOME LOAN BANKS 4.0 06/09/2028		5,000.00	5,000.00
12/16/2024	Coupon	161571HT4	145,000.00	CHAIT 2023-1 A 5.16 09/15/2028		623.50	623.50
12/16/2024	Coupon	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026		3.75	3.75
12/16/2024	Principal Paydown	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026	839.31		839.31
12/16/2024	Coupon	362583AD8	50,000.00	GMCAR 2023-2 A3 4.47 02/16/2028		186.25	186.25
12/16/2024	Coupon	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027		44.74	44.74
12/16/2024	Principal Paydown	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027	1,441.99		1,441.99
12/16/2024	Coupon	36268GAD7	20,000.00	GMCAR 2024-1 A3 4.85 12/18/2028		80.83	80.83
12/16/2024	Coupon	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026		28.37	28.37
12/16/2024	Principal Paydown	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026	1,592.27		1,592.27
12/16/2024	Coupon	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026		3.13	3.13
12/16/2024	Principal Paydown	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026	1,055.62		1,055.62
12/16/2024	Coupon	47800RAD5	35,000.00	JDOT 2024 A3 4.96 11/15/2028		144.67	144.67
12/16/2024	Coupon	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027		153.13	153.13
12/16/2024	Principal Paydown	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027	2,198.18		2,198.18
12/16/2024	Coupon	89238DAD0	75,000.00	TAOT 2024-A A3 4.83 10/16/2028		301.88	301.88
12/16/2024	Coupon	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026		3.64	3.64
12/16/2024	Principal Paydown	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026	1,096.04		1,096.04

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
12/16/2024	Coupon	91282CDN8	200,000.00	UNITED STATES TREASURY 1.0 12/15/2024		1,000.00	1,000.00
12/16/2024	Final Maturity	91282CDN8	200,000.00	UNITED STATES TREASURY 1.0 12/15/2024	200,000.00		200,000.00
12/18/2024	Coupon	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025		1.62	1.62
12/18/2024	Principal Paydown	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025	2,118.02		2,118.02
12/20/2024	Coupon	379929AD4	30,000.00	GMALT 2023-3 A3 5.38 11/20/2026		134.50	134.50
12/23/2024	Coupon	438123AC5	45,000.00	HAROT 2023-4 A3 5.67 06/21/2028		212.63	212.63
12/23/2024	Coupon	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026		5.13	5.13
12/23/2024	Principal Paydown	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026	1,237.68		1,237.68
12/23/2024	Coupon	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027		147.00	147.00
12/23/2024	Principal Paydown	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027	1,617.41		1,617.41
12/25/2024	Coupon	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025		14.66	14.66
12/25/2024	Principal Paydown	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025	2,284.66		2,284.66
12/25/2024	Coupon	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026		34.69	34.69
12/25/2024	Principal Paydown	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026	1,453.51		1,453.51
12/25/2024	Coupon	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025		273.31	273.31
12/25/2024	Principal Paydown	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025	210.77		210.77
12/25/2024	Coupon	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026		571.88	571.88
12/25/2024	Coupon	3137BVZ82	100,000.00	FHMS K-063 A2 3.43 01/25/2027		285.83	285.83
12/25/2024	Coupon	3137FBBX3	125,000.00	FHMS K-068 A2 3.244 08/25/2027		337.92	337.92
12/25/2024	Coupon	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027		356.10	356.10
12/25/2024	Principal Paydown	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027	230.02		230.02
12/25/2024	Coupon	3137FETN0	135,000.00	FHMS K-073 A2 3.35 01/25/2028		376.88	376.88
12/30/2024	Coupon	3133EN5E6	250,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.0 12/29/2025		5,000.00	5,000.00
12/31/2024	Coupon	91282CEW7	250,000.00	UNITED STATES TREASURY 3.25 06/30/2027		4,062.50	4,062.50
<b>December 2024 Total</b>					<b>217,375.48</b>	<b>21,688.51</b>	<b>239,063.99</b>
<b>JANUARY 2025</b>							
01/08/2025	Coupon	3133EPVP7	250,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.75 07/08/2026		5,937.50	5,937.50
01/15/2025	Coupon	161571HT4	145,000.00	CHAIT 2023-1 A 5.16 09/15/2028		623.50	623.50
01/15/2025	Coupon	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026		25.29	25.29
01/15/2025	Principal Paydown	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026	1,885.63		1,885.63

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
01/15/2025	Coupon	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026		2.67	2.67
01/15/2025	Principal Paydown	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026	1,908.23		1,908.23
01/15/2025	Coupon	47800RAD5	35,000.00	JDOT 2024 A3 4.96 11/15/2028		144.67	144.67
01/15/2025	Coupon	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027		144.87	144.87
01/15/2025	Principal Paydown	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027	2,162.47		2,162.47
01/15/2025	Coupon	89238DAD0	75,000.00	TAOT 2024-A A3 4.83 10/16/2028		301.88	301.88
01/15/2025	Coupon	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026		2.99	2.99
01/15/2025	Principal Paydown	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026	1,075.35		1,075.35
01/15/2025	Coupon	91282CJT9	250,000.00	UNITED STATES TREASURY 4.0 01/15/2027		5,000.00	5,000.00
01/16/2025	Coupon	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026		3.28	3.28
01/16/2025	Principal Paydown	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026	823.42		823.42
01/16/2025	Coupon	362583AD8	50,000.00	GMCAR 2023-2 A3 4.47 02/16/2028		186.25	186.25
01/16/2025	Coupon	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027		41.01	41.01
01/16/2025	Principal Paydown	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027	1,409.43		1,409.43
01/16/2025	Coupon	36268GAD7	20,000.00	GMCAR 2024-1 A3 4.85 12/18/2028		80.83	80.83
01/20/2025	Coupon	379929AD4	30,000.00	GMALT 2023-3 A3 5.38 11/20/2026		134.50	134.50
01/20/2025	Coupon	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025		0.90	0.90
01/20/2025	Principal Paydown	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025	2,072.82		2,072.82
01/21/2025	Coupon	438123AC5	45,000.00	HAROT 2023-4 A3 5.67 06/21/2028		212.63	212.63
01/21/2025	Coupon	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026		4.22	4.22
01/21/2025	Principal Paydown	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026	1,208.43		1,208.43
01/21/2025	Coupon	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027		140.21	140.21
01/21/2025	Principal Paydown	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027	2,259.60		2,259.60
01/27/2025	Coupon	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025		4.84	4.84
01/27/2025	Effective Maturity	05593AAC3	20,000.00	BMWLT 2023-1 A3 5.16 11/25/2025	1,124.46		1,124.46
01/27/2025	Coupon	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026		30.80	30.80
01/27/2025	Principal Paydown	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026	1,396.28		1,396.28
01/27/2025	Coupon	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025		272.72	272.72
01/27/2025	Principal Paydown	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025	1,722.85		1,722.85
01/27/2025	Coupon	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026		571.88	571.88
01/27/2025	Principal Paydown	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026	6,673.93		6,673.93
01/27/2025	Coupon	3137BVZ82	100,000.00	FHMS K-063 A2 3.43 01/25/2027		285.83	285.83

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
01/27/2025	Coupon	3137FBBX3	125,000.00	FHMS K-068 A2 3.244 08/25/2027		337.92	337.92
01/27/2025	Coupon	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027		355.49	355.49
01/27/2025	Principal Paydown	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027	216.09		216.09
01/27/2025	Coupon	3137FETN0	135,000.00	FHMS K-073 A2 3.35 01/25/2028		376.88	376.88
01/30/2025	Coupon	3133EPZY4	250,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 5.0 07/30/2026		6,250.00	6,250.00
01/31/2025	Coupon	912828Z52	200,000.00	UNITED STATES TREASURY 1.375 01/31/2025		1,375.00	1,375.00
01/31/2025	Final Maturity	912828Z52	200,000.00	UNITED STATES TREASURY 1.375 01/31/2025	200,000.00		200,000.00
01/31/2025	Coupon	91282CJW2	250,000.00	UNITED STATES TREASURY 4.0 01/31/2029		5,000.00	5,000.00
<b>January 2025 Total</b>					<b>225,938.99</b>	<b>27,848.53</b>	<b>253,787.52</b>
<b>FEBRUARY 2025</b>							
02/03/2025	Coupon	06406RBN6	125,000.00	BANK OF NEW YORK MELLON CORP 4.543 02/01/2029		2,839.38	2,839.38
02/06/2025	Coupon	857477BR3	35,000.00	STATE STREET CORP 1.746 02/06/2026		305.55	305.55
02/10/2025	Coupon	69371RS56	125,000.00	PACCAR FINANCIAL CORP 5.05 08/10/2026		3,156.25	3,156.25
02/14/2025	Coupon	3133EPSW6	270,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.5 08/14/2026		6,075.00	6,075.00
02/14/2025	Coupon	89236TKX2	150,000.00	TOYOTA MOTOR CREDIT CORP 5.0 08/14/2026		3,750.00	3,750.00
02/17/2025	Coupon	161571HT4	145,000.00	CHAIT 2023-1 A 5.16 09/15/2028		623.50	623.50
02/17/2025	Coupon	362554AC1	13,454.60	GM CAR 2021-4 A3 0.68 09/16/2026		2.81	2.81
02/17/2025	Principal Paydown	362554AC1	13,454.60	GM CAR 2021-4 A3 0.68 09/16/2026	811.62		811.62
02/17/2025	Coupon	362583AD8	50,000.00	GM CAR 2023-2 A3 4.47 02/16/2028		186.25	186.25
02/17/2025	Principal Paydown	362583AD8	50,000.00	GM CAR 2023-2 A3 4.47 02/16/2028	2,401.93		2,401.93
02/17/2025	Coupon	362585AC5	29,940.03	GM CAR 2022-2 A3 3.1 02/16/2027		37.37	37.37
02/17/2025	Principal Paydown	362585AC5	29,940.03	GM CAR 2022-2 A3 3.1 02/16/2027	1,386.75		1,386.75
02/17/2025	Coupon	36268GAD7	20,000.00	GM CAR 2024-1 A3 4.85 12/18/2028		80.83	80.83
02/17/2025	Coupon	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026		21.64	21.64
02/17/2025	Principal Paydown	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026	1,415.45		1,415.45
02/17/2025	Coupon	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026		1.84	1.84
02/17/2025	Principal Paydown	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026	1,691.85		1,691.85
02/17/2025	Coupon	47800RAD5	35,000.00	JDOT 2024 A3 4.96 11/15/2028		144.67	144.67
02/17/2025	Coupon	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027		136.74	136.74

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
02/17/2025	Principal Paydown	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027	2,139.69		2,139.69
02/17/2025	Coupon	89238DAD0	75,000.00	TAOT 2024-A A3 4.83 10/16/2028		301.88	301.88
02/17/2025	Coupon	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026		2.35	2.35
02/17/2025	Principal Paydown	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026	1,058.48		1,058.48
02/18/2025	Coupon	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025		0.19	0.19
02/18/2025	Effective Maturity	43815EAC8	21,601.79	HAROT 2021-3 A3 0.41 11/18/2025	562.60		562.60
02/18/2025	Coupon	912828K74	200,000.00	UNITED STATES TREASURY 2.0 08/15/2025		2,000.00	2,000.00
02/18/2025	Coupon	912828V98	250,000.00	UNITED STATES TREASURY 2.25 02/15/2027		2,812.50	2,812.50
02/20/2025	Coupon	379929AD4	30,000.00	GMALT 2023-3 A3 5.38 11/20/2026		134.50	134.50
02/20/2025	Principal Paydown	379929AD4	30,000.00	GMALT 2023-3 A3 5.38 11/20/2026	2,551.71		2,551.71
02/21/2025	Coupon	438123AC5	45,000.00	HAROT 2023-4 A3 5.67 06/21/2028		212.63	212.63
02/21/2025	Coupon	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026		3.34	3.34
02/21/2025	Principal Paydown	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026	1,183.63		1,183.63
02/21/2025	Coupon	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027		130.72	130.72
02/21/2025	Principal Paydown	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027	2,226.20		2,226.20
02/24/2025	Coupon	037833BY5	150,000.00	APPLE INC 3.25 02/23/2026		2,437.50	2,437.50
02/25/2025	Coupon	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026		27.06	27.06
02/25/2025	Principal Paydown	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026	1,277.38		1,277.38
02/25/2025	Coupon	3133ENPY0	200,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 1.75 02/25/2025		1,750.00	1,750.00
02/25/2025	Final Maturity	3133ENPY0	200,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 1.75 02/25/2025	200,000.00		200,000.00
02/25/2025	Coupon	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025		267.94	267.94
02/25/2025	Principal Paydown	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025	2,557.03		2,557.03
02/25/2025	Coupon	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026		556.61	556.61
02/25/2025	Principal Paydown	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026	438.26		438.26
02/25/2025	Coupon	3137BVZ82	100,000.00	FHMS K-063 A2 3.43 01/25/2027		285.83	285.83
02/25/2025	Coupon	3137FBBX3	125,000.00	FHMS K-068 A2 3.244 08/25/2027		337.92	337.92
02/25/2025	Coupon	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027		354.92	354.92
02/25/2025	Principal Paydown	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027	216.80		216.80
02/25/2025	Coupon	3137FETN0	135,000.00	FHMS K-073 A2 3.35 01/25/2028		376.88	376.88
02/26/2025	Coupon	17275RBQ4	75,000.00	CISCO SYSTEMS INC 4.8 02/26/2027		1,800.00	1,800.00

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Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
02/26/2025	Coupon	17275RBR2	100,000.00	CISCO SYSTEMS INC 4.85 02/26/2029		2,425.00	2,425.00
02/28/2025	Coupon	912828YD6	250,000.00	UNITED STATES TREASURY 1.375 08/31/2026		1,718.75	1,718.75
02/28/2025	Coupon	912828ZC7	200,000.00	UNITED STATES TREASURY 1.125 02/28/2025		1,125.00	1,125.00
02/28/2025	Final Maturity	912828ZC7	200,000.00	UNITED STATES TREASURY 1.125 02/28/2025	200,000.00		200,000.00
02/28/2025	Coupon	91282CFH9	250,000.00	UNITED STATES TREASURY 3.125 08/31/2027		3,906.25	3,906.25
<b>February 2025 Total</b>					<b>421,919.37</b>	<b>40,329.59</b>	<b>462,248.97</b>
<b>MARCH 2025</b>							
03/10/2025	Coupon	24422EXD6	150,000.00	JOHN DEERE CAPITAL CORP 5.15 09/08/2026		3,862.50	3,862.50
03/10/2025	Coupon	3130AVBD3	200,000.00	FEDERAL HOME LOAN BANKS 4.5 03/09/2029		4,500.00	4,500.00
03/10/2025	Coupon	3130AWTR1	250,000.00	FEDERAL HOME LOAN BANKS 4.375 09/08/2028		5,468.75	5,468.75
03/11/2025	Coupon	3130AWTQ3	250,000.00	FEDERAL HOME LOAN BANKS 4.625 09/11/2026		5,781.25	5,781.25
03/17/2025	Coupon	161571HT4	145,000.00	CHAIT 2023-1 A 5.16 09/15/2028		623.50	623.50
03/17/2025	Coupon	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026		2.35	2.35
03/17/2025	Principal Paydown	362554AC1	13,454.60	GMCAR 2021-4 A3 0.68 09/16/2026	790.35		790.35
03/17/2025	Coupon	362583AD8	50,000.00	GMCAR 2023-2 A3 4.47 02/16/2028		177.30	177.30
03/17/2025	Principal Paydown	362583AD8	50,000.00	GMCAR 2023-2 A3 4.47 02/16/2028	2,054.68		2,054.68
03/17/2025	Coupon	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027		33.79	33.79
03/17/2025	Principal Paydown	362585AC5	29,940.03	GMCAR 2022-2 A3 3.1 02/16/2027	1,341.10		1,341.10
03/17/2025	Coupon	36268GAD7	20,000.00	GMCAR 2024-1 A3 4.85 12/18/2028		80.83	80.83
03/17/2025	Coupon	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026		18.91	18.91
03/17/2025	Principal Paydown	47787JAC2	29,202.03	JDOT 2022 A3 0.36 09/15/2026	1,149.38		1,149.38
03/17/2025	Coupon	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026		1.11	1.11
03/17/2025	Principal Paydown	47789QAC4	18,041.92	JDOT 2021-B A3 0.52 03/16/2026	1,424.13		1,424.13
03/17/2025	Coupon	47800RAD5	35,000.00	JDOT 2024 A3 4.96 11/15/2028		144.67	144.67
03/17/2025	Coupon	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027		128.70	128.70
03/17/2025	Principal Paydown	58770AAC7	45,000.00	MBART 2023-1 A3 4.51 11/15/2027	2,077.20		2,077.20
03/17/2025	Coupon	89238DAD0	75,000.00	TAOT 2024-A A3 4.83 10/16/2028		301.88	301.88
03/17/2025	Coupon	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026		1.73	1.73
03/17/2025	Principal Paydown	89238JAC9	15,298.12	TAOT 2021-D A3 0.71 04/15/2026	1,030.35		1,030.35
03/20/2025	Coupon	379929AD4	30,000.00	GMALT 2023-3 A3 5.38 11/20/2026		123.06	123.06
03/20/2025	Principal Paydown	379929AD4	30,000.00	GMALT 2023-3 A3 5.38 11/20/2026	2,312.17		2,312.17
03/21/2025	Coupon	438123AC5	45,000.00	HAROT 2023-4 A3 5.67 06/21/2028		212.63	212.63

# CASH FLOW REPORT



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Payment Date	Transaction Type	CUSIP	Quantity	Security Description	Principal Amount	Income	Total Amount
03/21/2025	Coupon	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026		2.47	2.47
03/21/2025	Principal Paydown	43815GAC3	17,303.62	HAROT 2021-4 A3 0.88 01/21/2026	1,148.70		1,148.70
03/21/2025	Coupon	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027		121.37	121.37
03/21/2025	Principal Paydown	43815JAC7	35,000.00	HAROT 2023-1 A3 5.04 04/21/2027	2,159.74		2,159.74
03/24/2025	Coupon	3133EPWK7	200,000.00	FEDERAL FARM CREDIT BANKS FUNDING CORP 4.5 09/22/2028		4,500.00	4,500.00
03/25/2025	Coupon	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026		23.65	23.65
03/25/2025	Principal Paydown	05602RAD3	25,759.76	BMWOT 2022-A A3 3.21 08/25/2026	1,238.72		1,238.72
03/25/2025	Coupon	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025		260.85	260.85
03/25/2025	Principal Paydown	3137BKRJ1	99,939.11	FHMS K-047 A2 3.329 05/25/2025	7,347.16		7,347.16
03/25/2025	Coupon	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026		555.61	555.61
03/25/2025	Principal Paydown	3137BNGT5	250,000.00	FHMS K-054 A2 2.745 01/25/2026	6,593.40		6,593.40
03/25/2025	Coupon	3137BVZ82	100,000.00	FHMS K-063 A2 3.43 01/25/2027		285.83	285.83
03/25/2025	Coupon	3137FBBX3	125,000.00	FHMS K-068 A2 3.244 08/25/2027		337.92	337.92
03/25/2025	Coupon	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027		354.34	354.34
03/25/2025	Principal Paydown	3137FBU79	135,000.00	FHMS K-069 A2 3.187 09/25/2027	261.39		261.39
03/25/2025	Coupon	3137FETN0	135,000.00	FHMS K-073 A2 3.35 01/25/2028		376.88	376.88
<b>March 2025 Total</b>					<b>30,928.48</b>	<b>28,281.85</b>	<b>59,210.33</b>
<b>Grand Total</b>			<b>75,374,671.10</b>		<b>35,194,897.02</b>	<b>341,953.88</b>	<b>35,536,850.90</b>

## IMPORTANT DISCLOSURES



Vallejo Flood & Wastewater District Cons | Account #10761 | As of April 30, 2024

Chandler Asset Management, Inc. (“Chandler”) is an SEC registered investment adviser. For additional information about our firm, please see our current disclosures (Form ADV). To obtain a copy of our current disclosures, you may contact your client service representative by calling the number on the front of this statement or you may visit our website at [www.chandlerasset.com](http://www.chandlerasset.com).

Information contained in this monthly statement is confidential and is provided for informational purposes only and should not be construed as specific investment or legal advice. The information contained herein was obtained from sources believed to be reliable as of the date of this statement, but may become outdated or superseded at any time without notice.

**Custody:** Your qualified custodian bank maintains control of all assets reflected in this statement and we urge you to compare this statement to the one you receive from your qualified custodian. Chandler does not have any authority to withdraw or deposit funds from/to the custodian account.

**Valuation:** 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:** 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.

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**Ratings:** 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.



General Manager  
Mark Tomko

June 11, 2024

Board Communication

Consent Calendar, Section 4E

**TO:** The Honorable President and Board of Trustees  
**FROM:** Mark Tomko, General Manager  
**PREPARED BY:** Bill Ash, Associate Engineer  
**SUBJECT:** Information Update on Mare Island – June 2024

RECOMMENDATION

Receive and file information updates on Mare Island – June 2024

BACKGROUND AND DISCUSSION

The purpose of this Board Communication is to summarize recent activity on Mare Island that involved Vallejo Flood and Wastewater District.

RECENT UPDATES

The following items represent a summary of specific updates since the last meeting of the Board of Trustees:

Permitting

Development Review (DVR24-0012) – North Mare Island Beautification Project. Mare Island Company submitted a plan review set for the beautification of north Mare Island for the City's review.

- A. Given the proposed scope the District has no immediate concerns with the project and issued a response outlining the following considerations:
- a. The District operates two lift stations in the vicinity of the proposed work; access to these lift stations will have to be maintained, and the access plans will be reviewed by District staff to ensure adequate clearance.
  - b. The proposed project area contains existing sewer and storm drainage infrastructure; the Applicant shall provide a plan indicating what infrastructure will remain and what will be demolished or abandoned.
  - c. Additional information and fees may be required depending on the full scope of the project.

Mare Island Infrastructure Assessment (MIIA)

The Monthly Project Management Meeting was held May 6, 2024. The discussion mostly centered around the sanitary sewer capacity and flow field investigations.

The recommendation to perform smoke testing of the sanitary sewer system was presented during the meeting. Smoke testing is a sewer inspection method whereby nontoxic smoke is forced into sewer system access points. The smoke makes its way through all connected pipes in the sewer system, thereby indicating pipe leaks, breached utility holes, cracks, uncapped lines, and other sources of Inflow and Infiltration (I&I).

- B. Smoke testing to locate potential sources of I&I began on May 21, 2024.

- A. Results of the additional flow monitoring identified North Mare Island as having significant I&I, additional smoke testing of North Mare Island was recommended and commenced on May 28, 2024.
- B. Additional CCTV scope may be identified following the results of the smoke testing.
- C. Documents and Technical Memorandums (TM) Provided for Review and Comment:
  - a. Draft of Chapter 4, the Storm Drainage section of the report was provided for District information and review on April 2, 2024. Review and comments were provided by the District on April 26, 2024.
  - b. Draft of Chapter 6, the Geotechnical Evaluation section of the report was provided for District information and review on March 14, 2024. Review and comments were due from District on April 19, 2024. cursory review by District was performed and response provided on 4/19.
  - c. Draft of Chapter 3, the Water section of the report was provided for District information and review on March 28, 2024. Review and comments were due from District on April 19. cursory review by District was performed and response provided on 4/19.

### FUNDING

- A. On May 16, Jeff Tucker and Mark Tomko provided a tour of Mare Island and the critical wastewater infrastructure needs to Camille Pon from Senator Laphonza Butler's office. The purpose of the tour was in support of a request for funding. Special thank you to Kent Fortner, founder of the Mare Island Brewing Company for his support and providing the historical background of Mare Island.
- B. As part of the 2024 Wastewater Capacity Charge Study Report by Carollo a new specific Mare Island capacity charge was developed. Jeff Tucker and Mark Tomko met with the Mare Island Company on May 30 to discuss the newly developed Mare Island capacity charge.

### ONGOING ITEMS AND SUPPLEMENTAL INFORMATION

The following items represent ongoing tasks related to Mare Island being managed or coordinated by the District:

#### Permitting

110 Pintado Street (BP22-00906) - Mare Island Art Studios

- A. The applicant for the Mare Island Art Studios has contacted the District to finalize this permit and the District is in discussions to enable this to move forward.
- B. The District continues to work with the Mare Island Company (MIC) to address deficiencies in the sewer system, including the DOM3 Lift Station that serves the Mare Island Art Studios location and met with MIC on November 30, 2023 to discuss ways MIC may be able to help address these issues and avoid potential development limitations.
- C. The applicant spoke at the December 12, 2023 Board Meeting to find a resolution to move forward with the City Business License and Building Permit that has not been approved by the District.
- D. The current status of the permit is, "Awaiting Resubmittal."
- E. No further updates.

975 Nimitz Avenue (BP22-00306) – Tenant Improvement to convert second floor of Building 483 to wine barrel storage.

- A. The District Conditionally Approved the project on May 5, 2023, pending receipt and approval of the designs for the pH Pre-Treatment System and Flow Monitoring/Sampling Station.

- B. The District Environmental Compliance Division (ECD) coordinated with the applicant to resolve design challenges related to the pre-treatment system and gave their approval on September 22, 2023.
- C. The Applicant responded on January 10, 2024 that the pH dosing system was going to be cost prohibitive and they are looking for other alternatives to move the project forward. The District acknowledged this change in a response on 1/24/2024.
- D. The current status of the permit is, "Finalized"; however, the District has not performed any inspections nor has the change in operation necessitating the pre-treatment system been communicated.
- E. No further updates.

Preliminary Review (PR23-0004) – Use of Berth 18 for Materials Handling Facility by PG&E for dewatering and off-haul of dredged materials.

- F. No updates.

Preliminary Review (PR24-0001) – Proposed EV test track for autonomous Glydways transit system.

- A. The District met with Mare Island Company and Applicant on March 21, /2024 to discuss project details and permit requirements. Due to lack of wet weather capacity on Mare Island, the Applicant was advised that a sanitary sewer connection could not be accommodated at this time and a storage tank or temporary facilities may be required.
- B. The Applicant was notified that any connection to the existing storm drainage infrastructure would require a CCTV inspection and possible Hydraulic & Hydrology evaluation to confirm available capacity and serviceability of infrastructure.
- C. No further updates.

321 Azuar Drive (BP24-00254) – Antenna modification to an existing Verizon Wireless cell site.

- A. This project does not include sanitary sewer or storm drain facilities or impacts. Therefore, no review by the District is required. Permit returned February 2024.

321 Azuar Drive (BP24-00049) – New Cell Site, Antennas and Equipment.

- A. This project does not include sanitary sewer or storm drain facilities or impacts. Therefore, no review by the District is required. Permit returned April 15, 2024.

#### Mare Island Infrastructure Assessment (MIIA)

CCTV inspections began on October 23, 2023. The scope for this work includes the following:

- A. CCTV approximately 15,000 linear feet of sewer line mostly in and around Railroad Avenue.
- B. Inspect approximately 80 maintenance holes.
- C. The District plans to supplement CCTV work with District crews for areas identified as having significant inflow and infiltration (I&I).
- D. The sanitary sewer capacity and flow field investigation was conducted on 3/12. West Yost (WY) concluded that a flow monitor may have reported incorrect data and plans to perform additional flow monitoring were agreed upon. Additional flow monitoring was started on 4/16 with a simulated storm event conducted on 4/18. The flow monitors are intended to remain in place for two weeks and should provide the necessary data to finalize the flow model.
- E. WY provided a Phase 2 CCTV inspection plan that will capture much of the sanitary sewer infrastructure around the proposed Connolly Corridor development area. This work is estimated to begin the week of April 29 and should be completed within five to seven working days.

#### DOM 4 Lift Station

- A. DOM 4 is the final sewer lift station on Mare Island that pumps all Mare Island sewer flow to the mainland side.
- B. The District contracted with HydroScience Engineers, Inc. in August 2022 to prepare a Technical Memorandum and design documents for replacing the existing Variable Frequency Drives (VFDs). During this work it was discovered that the Motor Control Center (MCC) and the Programmable Logic Controller (PLC) were in poor condition and in need of replacement.
- A. The District advertised the DOM 4 Lift Station MCC and CP Replacement Project (CWP013) for bid on February 6, 2024 and held a well-attended mandatory pre-bid meeting on 2/22/2024.
- B. The District received three bids on March 21, 2024 with the low bid being submitted by Mike Brown Electric for \$640,100. The project was awarded to Mike Brown Electric as part of the Meeting of the Board of Trustees on March 12<sup>th</sup>.
- C. The District is currently working with Mike Brown Electric to ensure all contractual documentation is provided and approved. The project is anticipated to start in mid-June.

#### DOM 3 Lift Station

- A. DOM 3 is a sewer lift station that pumps sewer flow on Mare Island to DOM 4. Various maintenance activities are required for DOM 3 including the replacement of both pumps and the influent valves. To accomplish this, sediment built up in the wet well will need to be removed. The sediment was tested and found to be contaminated by heavy metals and will need to be disposed of at a suitable location.
- B. On 10/14/2022, DOM 3 Pump 1 experienced a failure of the pump volute due to excessive corrosion that flooded the Dry Well. District staff responded to pump down the flooded area and isolate the failed pump. Currently, DOM 3 is operating on a single, heavily corroded pump with no redundancy and has been for the past year.
- C. The cost estimate received for the sediment removal and disposal is \$67,850 on a Time & Materials basis. The materials estimate prepared by the District to replace both pumps and influent valves is \$104,000.

#### FUNDING

The District has reached out to the City of Vallejo and Mare Island Company to collaborate on efforts to lobby for funding for Mare Island infrastructure.

#### ENVIRONMENTAL REVIEW

This is an administrative update and is not considered a project under CEQA per Section 15378; therefore, no environmental review is required.

#### FISCAL IMPACT

The fiscal impact of connection fees, operation and maintenance costs, and capital costs is part of ongoing discussion with MIC/City.

#### DOCUMENTS ATTACHED

- A. None

#### CONTACT PERSON

Bill Ash, Associate Engineer, (707) 558-3409



General Manager  
Mark Tomko

June 11, 2024

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**BOARD COMMUNICATION**

**Administrative Items, Section 6A**

**TO:** The Honorable President and Board of Trustees

**FROM:** Jeff Tucker, Director of Finance/Treasurer

**PREPARED BY:** Jeff Tucker, Director of Finance/Treasurer

**SUBJECT:** FY 2024-25 Rate Schedule and Supporting Capacity Charge Studies

**RECOMMENDATION**

Receive information on updated Capacity Charge Studies and adopt a resolution approving the Fiscal Year (FY) 2024-25 Schedule of Rates and Charges implementing previously authorized 2024-25 service charges and other fees.

**BACKGROUND AND DISCUSSION**

**Schedule of Fees**

Pursuant to District Code, the District maintains a schedule of rates and charges that the Board of Trustees approves when there are any changes. For some rates, the District Code provides a formula to calculate the increase by which the Schedule shall be adjusted annually. In other cases, the District has approved a rate study and conducted appropriate public meetings, such as required under Proposition 218, to set a schedule of rates and charges and the fees are then increased pursuant to that previously adopted schedule.

The Schedule of Rates and Charges was last updated in June 2023 for Fiscal Year 2023-24. At that time, most rates were updated according to the formula in District Code. The attached Schedule of Rates and Charges is consistent with District Code, the schedule of rate increases that were approved through the Proposition 218 process in 2023 for sewer service charges, and recommended capacity charges supported by capacity charge studies.

The Schedule of Rates and Charges must be approved by a 2/3 vote of the Board, as required under Health and Safety Code Section 5471.

**Connection Fee Studies**

**2024 Wastewater Capacity Charge Study Report**

The District contracted with Carollo Engineers to complete a study of sewer service capacity charges, also known as connection fees. The study evaluated certain elements of the District's sewer system and determined the most appropriate method to calculate the rates based on the WEF (Water Environment Federation) Manual of Practice No. 27.

Capacity charges, or connection fees, are based on the replacement value of the District sewer assets, less depreciation and contributed capital, and an estimated total system capacity that the assets represent. These elements are divided and "normalized" around a unit called an Equivalent

Dwelling Unit (EDU). Developers are charged for their burden on, or use of, system capacity based on the number of EDU their development represents.

The District last completed a study of sewer service capacity charges in 2018.

#### Supplemental Capacity Charge Analysis Technical Memorandum

The District retained West Yost to complete the Sears Point Sewershed Rehabilitation Nexus Study. This study determined that there is insufficient capacity in the Sears Point Sewershed or those parcels that drain to sewer mains that are upstream of the Sears Point Sewer Lift Station, due to excessive inflow and infiltration (I&I) in the sewershed. The study models the current flows and impacts of inflow and infiltration (I&I) and compares that to modeled flows after the sewershed is completely developed. The difference represents the increased system burden that can be attributed to new development. The study then calculates the cost of capital projects that would be necessary to address the needed capacity used by new development.

Carollo Engineers evaluated the Sears Point Sewershed Rehabilitation Nexus Study completed by West Yost, and to convert the costs in the West Yost study into a supplemental capacity charge for development within the Sears Point sewershed. This calculation is detailed in the Supplemental Capacity Charge Analysis Technical Memorandum.

Both the 2024 Wastewater Capacity Charge Study Report and the Supplemental Capacity Charge Analysis Technical Memorandum will be made publicly available on the District website and in the main office as required per Government Code § 66016.6 and then brought for Board consideration and potential adoption at the July 9, 2024 meeting.

#### ENVIRONMENTAL REVIEW

This is not a project under CEQA and no environmental review is required.

#### FISCAL IMPACT

The action would set the Sewer Service Charges according to the fee increase established in the District's Proposition 218 process in 2023 for these fees. Other rates and charges would be set based on District Code with allowances for changes in inflation of 2.2%, based on the Engineering New Record Construction Cost Index for San Francisco (October).

The Rate Reduction Program discount will remain at 17.5%. Stormwater Service Charges will remain at current rates without an increase.

The FY 2023-24 and FY 2024-25 Biennial Budget was balanced and proposed based on these revenues being collected at the proposed rates. The revenue is necessary for the District to continue its obligations to maintain its debt service coverage ratio, required liquidity and debt service reserves, and meet its other capital and operating obligations under the District permits.

#### DOCUMENTS ATTACHED

- A. Resolution Approving FY 2024-25 Schedule of Rates and Charges
- B. Schedule of Rates and Charges Effective July 1, 2024
- C. 2024 Wastewater Capacity Charge Study Report (Carollo Engineers)
- D. Supplemental Capacity Charge Analysis Technical Memorandum (Carollo Engineers)
- E. Sears Point Sewershed Rehabilitation Nexus Study (West Yost)
- F. PowerPoint Presentation

#### CONTACT PERSON

Jeff Tucker, Director of Finance/Treasurer, (707) 652-7802

Vallejo Flood and Wastewater District  
**Resolution Number 2024-**

**A RESOLUTION OF THE BOARD OF TRUSTEES OF THE  
VALLEJO FLOOD AND WASTEWATER DISTRICT  
APPROVING THE FISCAL YEAR 2024-25 SCHEDULE OF RATES AND CHARGES**

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**Recitals**

- A. Following the District's Proposition 218 public notice and hearing process in June 2023, the Board of Trustees approved a five-year rate schedule for sanitary service charges.
- B. The Schedule of Rates and Charges for Fiscal Year (FY) 2024-25, attached as Exhibit B, would implement the adjustments to FY 2024-25 sanitary sewer service charges approved by the Board of Trustees in June 2023.
- C. The Schedule of Rates and Charges incorporates increases to other rates, fees, and charges as directed and allowed by District Ordinance.

**Now, therefore, the Board of Trustees of the Vallejo Flood and Wastewater District resolves as follows:**

- 1. The Schedule of Rates and Charges for FY 2024-25 is hereby adopted to be effective as of July 1, 2024.

**PASSED AND ADOPTED** by the Board of Trustees of the Vallejo Flood and Wastewater District at a regular meeting held on this 11th day of June 2024 by the following vote:

**AYES:**

**NOES:**

**ABSENT:**

**ABSTAIN:**

**WITNESS** my hand and the Seal of the District on this 11th day of June 2024.

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**EDUARDO CASTILLO GOMEZ**  
Clerk of the Board



**VALLEJO FLOOD AND WASTEWATER DISTRICT**  
**SCHEDULE OF RATES AND CHARGES**  
 Effective Date: July 1, 2024

<b>User Group: Residential Customers</b>			
<b>Description of Fee/Charge</b>	<b>Reference</b>	<b>Unit of Measure</b>	<b>Annual Rate</b>
Sanitary Sewer Service	District Code 4.08.040	per dwelling unit	\$ 1,017.60
Upper Lateral	District Code 4.08.100	per parcel	\$ 24.48
Storm drain, Standard	District Code 6.08.040	per dwelling unit	\$ 23.64
Storm drain, Large Lot	District Code 6.08.040	per dwelling unit	\$ 36.72
Storm drain, High Density	District Code 6.08.040	per dwelling unit	\$ 12.48

<b>User Group: Commercial and Industrial Customers</b>			
<b>Description of Fee/Charge</b>	<b>Reference</b>	<b>Unit of Measure</b>	<b>Annual Rate</b>
Sanitary Sewer Service, Groups 1-5	District Code 4.08.050	per commercial unit	\$ 695.52
Sanitary Sewer, Group 1	District Code 4.08.050	per hcf	\$ 49.80
Sanitary Sewer, Group 2	District Code 4.08.050	per hcf	\$ 55.92
Sanitary Sewer, Group 3	District Code 4.08.050	per hcf	\$ 93.84
Sanitary Sewer, Group 4, Flow	District Code 4.08.050	per hcf	\$ 38.64
Sanitary Sewer, Group 4, BOD	District Code 4.08.050	per lb	\$ 6.48
Sanitary Sewer, Group 4, TSS	District Code 4.08.050	per lb	\$ 6.12
Sanitary Sewer, Group 5	District Code 4.08.050	per million gallons	\$ 57,732.00
Upper Lateral	District Code 4.08.100	per parcel	\$ 24.48
Storm drain, Group 1	District Code 6.08.050	per thousand sqft.	\$ 0.79
Storm drain, Group 2	District Code 6.08.050	per thousand sqft.	\$ 4.66
Storm drain, Group 3	District Code 6.08.050	per thousand sqft.	\$ 10.25
Storm drain, Group 4 Part 1 (Hydraulic loading fee runoff rate)	District Code 6.08.050	per impervious thousand sqft.	\$ 3.84
Storm drain, Group 4 Part 2 (Pollutant base fee rate)	District Code 6.08.050	per total land are of parcel	\$ 1.53

<b>User Group: Schools</b>			
<b>Description of Fee/Charge</b>	<b>Reference</b>	<b>Unit of Measure</b>	<b>Annual Rate</b>
Sanitary Sewer Service	District Code 4.08.060	per school site	\$ 695.52
Annual Average Daily Attendance	District Code 4.08.060	per ADA	\$ 7.66
Upper Lateral	District Code 4.08.100	per parcel	\$ 24.48
Storm drain, Group 2	District Code 6.08.050	per thousand sqft.	\$ 4.66

<b>User Group: Septage Haulers</b>			
<b>Description of Fee/Charge</b>	<b>Reference</b>	<b>Unit of Measure</b>	<b>Rate</b>
Annual Registration Fee	District Code 4.08.090	per truck	\$ 830
Septage Hauler per load	District Code 4.08.090	per load	\$ 160
Septage Hauler per gallon surcharge	District Code 4.08.090	per gallon (> 1000 gallons)	\$ 0.14
Gate key replacement fee	District Code 4.08.090	per occurrence	\$ 15
Gate key reactivation fee	District Code 4.08.090	per occurrence	\$ 15
Fine for violation of conduct pursuant to District Code (1st Violation)	District Code 4.08.090	per occurrence	\$ 250
Fine for violation of conduct pursuant to District Code (2nd Violation)	District Code 4.08.090	per occurrence	\$ 500

<b>Sanitary Sewer Discount</b>		
<b>Description</b>	<b>Reference</b>	<b>Percentage</b>
Residential Low Income (Rate Reduction for Sanitary Sewer Service Charge)	District Code 4.08.080	17.5%



**VALLEJO FLOOD AND WASTEWATER DISTRICT**  
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<b>Delinquencies</b>			
<b>Description of Fee/Charge</b>	<b>Reference</b>	<b>Unit of Measure</b>	<b>Rate/Charge</b>
Charge for delinquencies	DC 4.08.190 / 6.08.150 Health & Safety Code § 5473.10	Initial delinquency	10%
Interest charge for delinquencies	DC 4.08.190 / 6.08.150 Health & Safety Code § 5473.10	per month	1.5%
NSF returned check (first time)	DC 4.08.190 / 6.08.150 Civil Code § 1719(a)(1)	per occurrence	\$ 25
NSF returned check (subsequent)	DC 4.08.190 / 6.08.150 Civil Code § 1719(a)(1)	per occurrence	\$ 35

<b>Upper Lateral Violation Charges</b>		
<b>Description of Fee/Charge</b>	<b>Reference</b>	<b>Rate/Charge</b>
Property owner fine for failure to obtain an Encroachment permit for repairs to the Upper Sewer Lateral	District Code 5.08.070	\$ 200
Monthly Surcharge for violation of any rule or regulation in this Ordinance	District Code 5.08.120	\$ 200

<b>Sanitary Sewer Capacity Charges</b>				
<b>Description of Fee/Charge</b>	<b>Reference</b>	<b>Unit of Measure</b>	<b>Charge/Rate (Mainland)</b>	<b>Charge/Rate (Mare Island)</b>
Single-Family Dwelling	District Code 4.04.070	per equivalent dwelling unit	\$ 3,560	\$ 4,135
Multiple Family Dwelling with Kitchen	District Code 4.04.070	per equivalent dwelling unit w/ kitchen	\$ 3,560	\$ 4,135
Multiple Family Dwelling without Kitchen	District Code 4.04.070	per equivalent dwelling unit w/o kitchen	\$ 1,395	\$ 1,615
Attached and Detached Accessory Dwelling Unit	District Code 4.04.070	per unit 501-599 sqft.	\$ 1,780	\$ 2,070
Attached and Detached Accessory Dwelling Unit	District Code 4.04.070	per unit 600-699 sqft.	\$ 2,135	\$ 2,480
Attached and Detached Accessory Dwelling Unit	District Code 4.04.070	per unit 700-799 sqft.	\$ 2,490	\$ 2,895
Attached and Detached Accessory Dwelling Unit	District Code 4.04.070	per unit 800-899 sqft.	\$ 2,850	\$ 3,310
Attached and Detached Accessory Dwelling Unit	District Code 4.04.070	per unit 900-999 sqft.	\$ 3,205	\$ 3,720
Attached and Detached Accessory Dwelling Unit	District Code 4.04.070	per unit 1000+ sqft.	\$ 3,560	\$ 4,135
Trailer or Mobile Home	District Code 4.04.070	per space	\$ 3,560	\$ 4,135
Bakery	District Code 4.04.070	per 1,000 sqft.	\$ 2,810	\$ 3,260
Car Wash (less than 20 cars per day)	District Code 4.04.070	per 1,000 sqft.	\$ 50,830	\$ 59,005
Church	District Code 4.04.070	per 1,000 sqft.	\$ 700	\$ 815
Commercial	District Code 4.04.070	per 1,000 sqft.	\$ 2,755	\$ 3,200
Historical Public Building	District Code 4.04.070	per 1,000 sqft.	\$ 2,755	\$ 3,200
Hospital, Convalescent Home, Residential Care Facility	District Code 4.04.070	per bed	\$ 1,205	\$ 1,400
Hotel or Motel with Kitchen	District Code 4.04.070	per equivalent dwelling unit w/ kitchen	\$ 3,560	\$ 4,135



<b>Sanitary Sewer Capacity Charges (Continuation)</b>				
<b>Description of Fee/Charge</b>	<b>Reference</b>	<b>Unit of Measure</b>	<b>Charge/Rate (Mainland)</b>	<b>Charge/Rate (Mare Island)</b>
Hotel or Motel without Kitchen	District Code 4.04.070	per equivalent dwelling unit w/o kitchen	\$ 1,395	\$ 1,615
Industrial	District Code 4.04.070	per gallon per calendar day of Flow	\$ 20	\$ 30
Industrial	District Code 4.04.070	per pound of BOD per calendar day	\$ 1,285	\$ 585
Industrial	District Code 4.04.070	per pound of TSS per calendar day	\$ 1,270	\$ 580
Laundry	District Code 4.04.070	per 1,000 sqft.	\$ 40,285	\$ 46,765
Laundromat	District Code 4.04.070	per machine	\$ 780	\$ 905
Recreational Facility	District Code 4.04.070	per structure with toilet and per space with sewer facilities, a holding tank emptying facility, or other plumbing facility connected to the sanitary sewer system	\$ 1,395	\$ 1,615
Restaurant	District Code 4.04.070	per 1,000 sqft.	\$ 10,040	\$ 11,655
Restaurant (take-out)	District Code 4.04.070	per 300 gpd / 1,000 sqft.	\$ 3,010	\$ 3,495
School	District Code 4.04.070	per student	\$ 130	\$ 130
Senior Living Center with Kitchen	District Code 4.04.070	per equivalent dwelling unit w/ kitchen	\$ 3,560	\$ 4,135
Senior Living Center without Kitchen	District Code 4.04.070	per equivalent dwelling unit w/o kitchen	\$ 1,395	\$ 1,615
Supermarket, Shopping Center, Regional Mall	District Code 4.04.070	per 1,000 sqft.	\$ 1,510	\$ 1,750
Warehouse with toilet facilities	District Code 4.04.070	per 1,000 sqft.	\$ 395	\$ 460
Supplemental (Sears Point Sewershed)	Govt Code 66013	per equivalent dwelling unit	\$ 615	N/A

<b>Storm Drainage Connection Fees</b>			
<b>Description of Fee/Charge</b>	<b>Reference</b>	<b>Unit of Measure</b>	<b>Charge/Rate</b>
<b>Single-Family Dwelling</b> (includes mobile homes)	District Code 6.04.070	fee per unit	\$ 8,055
<b>Commercial</b> (includes churches, commercial or industrial buildings and subdivisions, and all other land uses not otherwise specified in the ordinance)	District Code 6.04.070	fee per acre of impervious area	\$ 64,385
<b>Multiple-Dwelling</b> (includes numerous single living units (i.e. town house, duplex, triplex, quadruplex, apartment, house, condominium), or more than one single-family dwellings on a single parcel; and schools)	District Code 6.04.070	fee per acre of impervious area	\$ 48,375



**VALLEJO FLOOD AND WASTEWATER DISTRICT**  
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<b>Miscellaneous</b>			
<b>Description of Fee/Charge</b>	<b>Reference</b>	<b>Unit of Measure</b>	<b>Charge/Rate</b>
Annexation fee	DC 4.04.130 / 4.04.170 / 6.04.140	per equivalent dwelling unit	\$ 295
Connection Permit Inspection Fee	DC 4.04.060 / 6.04.060	per permit	\$ 400
Add-on Inspection fee of infrastructure < \$50,000		Engineer's cost estimate	\$ 500
Add-on Inspection fee of infrastructure > \$50,000		Engineer's cost estimate	\$500 + 5%*(Total infrastructure cost estimate - \$50,000)
Connection Permit Processing Fee	DC 4.04.060 / 6.04.060	per permit	\$ 60
Connection Permit Extension Fee	DC 4.04.160 / 6.04.130	per unit	\$ 100
Connection Permit Refund Processing Fee	DC 4.04.150 / 6.04.120	per unit	\$ 140
<b>Application fee for Plan Review</b> (application fee is to be credited towards the final plan review fee)		per permit	\$ 315
<b>Plan Review Fees:</b>			
<b>No Review Required</b> (No work to plumbing fixtures)	District Code 2.12	includes 3 plan reviews	\$ -
<b>Minor Residential</b> (New construction and TI - Single Family, Duplex, ADU)	District Code 2.12	includes 3 plan reviews	\$ 315
<b>Tenant Improvement - No Food</b> (Commercial, mixed-use, apartments, condominiums)	District Code 2.12	includes 3 plan reviews	\$ 630
<b>Tenant Improvement - Food</b> (Dine-in, Takeout, bakery)	District Code 2.12	includes 3 plan reviews	\$ 1,210
<b>New Construction - No Food</b> (Commercial, mixed-use, apartments, condominiums)	District Code 2.12	includes 3 plan reviews	\$ 1,470
<b>New Construction - Food</b> (Dine-in, Takeout, bakery)	District Code 2.12	includes 3 plan reviews	\$ 2,100
<b>Large Development</b> (Includes but not limited to New construction of apartments, condominiums, strip mall)	District Code 2.12		charged actual cost



# 2024 Wastewater Capacity Charge Study Report

FINAL / May 2024

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## Abbreviations

\$/gpd	cost per gallons per day
AWWA	American Water Works Association
BOD	biochemical oxygen demand
Carollo	Carollo Engineers
CCT	chlorine contact time
CIP	Capital Improvement Plan
EDU	equivalent dwelling units
ENR-CCI	Engineering News-Record Construction Cost Index
gpd	gallons per day
mgd	million gallons per day
MIPS	Mare Island Pump Station
MOP 27	Financing & Charges for Wastewater Systems, Manual of Practice #27
R&R	repair and replacement
RCN	replacement cost new
RCNLD	replacement cost new, less depreciation
Study	Wastewater Capacity Charge Study
TSS	total suspended solids
VFWD or District	Vallejo Flood and Wastewater District
WEF	Water Environment Federation
WIP	work in progress

## SECTION 1 BACKGROUND

Vallejo Flood and Wastewater District (VFWD or District) retained Carollo Engineers (Carollo) to conduct a study to review, analyze, and consider whether to recommend updating the wastewater capacity charges for new and/or modified wastewater system connections (Study). The District has maintained inflationary increases but has not performed a full review of its capacity charges since the last study in 2018. This Capacity Charge Study Report outlines the assumptions, inputs, methodology, results, and recommendations of the current Study. Capacity charges, sometimes referred to as connection fees or system development charges, are fees assessed on new or expanded connections or system capacity usage for wastewater service. As the District manages its wastewater system, it needs to determine sufficient capacity to serve existing and future customers. The capacity charge attributes the value of that portion of the system's capacity that will be used to serve new and/or modified connections or uses.

Carollo relied on District policies, industry best practice, and California statutory guidance when developing the analysis in the Study. As with any fee analysis, VFWD prioritizes cost of service as a foundation for setting the capacity fee. Several additional key criteria were at the center of this analysis:

- Do the capacity charges represent a reasonable nexus to the burden imposed on the District's system, and reflect costs incurred by the District to render to the customer the benefits received?
- Is the capacity charge methodology consistent with standards established in the American Water Works Association's (AWWA) *M1 Manual: Principles of Water Rates, Fees, and Charges*, and the Water Environment Federation's (WEF) *Manual of Practice 27: Financial and Charges for Wastewater Systems (MOP 27)*?
- Do the methodology and the resulting recommendations meet Board policies and adhere to applicable legal requirements?
- Is the allocation approach consistent with industry practices and relevant California statutory requirements, particularly Government Code Sections 54999 et seq. and 66013?
- Is it expected that the allocation approach will remain appropriate for use by the District in the future?
- Are the fees equitable for current and future ratepayers and do they reflect system investment contributions?

By complying with these guiding principles, the results of this analysis are developed with legal, policy, and fiscal goals in mind.

### 1.1 Statutory Considerations

Capacity charges in California are subject to the requirements of Government Code Sections 54999.7 and 66013. Capacity charges are "charges for facilities in existence at the time the charge is imposed or charges for new facilities to be constructed in the future which are of benefit to the person or property being charged." Section 66013 provides that capacity charges "shall not exceed the estimated reasonable cost of providing the service for which the fee or charge is imposed." Section 54999.7 establishes a similar cost of service requirement for serving public agencies, including schools. This analysis should not be considered a legal opinion or guidance, but rather, a documentation of costs and assumptions that support the District's capacity charges as a reasonable recovery of capital costs related to the burden placed on the sewer system from new or expanded connections.

## SECTION 2 METHODOLOGY

The capacity charge is based on a relatively straightforward calculation: divide system value by system capacity, yielding an estimate of the cost to build one unit of capacity. This is demonstrated in Equation 1.

Equation 1 [Capacity Charge Conceptual Formula](#)

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$$\text{Capacity Charge} = \frac{\text{System Value}}{\text{System Capacity}}$$

Despite this simple equation, quantifying system value and capacity inputs can be complex and will vary from utility to utility based on several factors, including but not limited to:

- Age, size, and density of the system.
- Planned capital expansion projects.
- Anticipated growth.
- Ability to discharge treated wastewater.

Selecting the most appropriate methodology for any agency depends on the nature of the system, the level of planned investment, and the projected system capacity need. The methodologies available and the rationale behind choosing each is detailed later in this section.

### 2.1 Capacity Charge Components

#### 2.1.1 Assessing System Value

The first step in establishing the capacity charge is identifying the system value. This can be the value of the existing wastewater utility system, the future system, or a combination of both, depending on which methodology is chosen.

An important consideration – and what often presents the most difficulty – is identifying a system **value** that represents the system **capacity** (not demand). The two should be in alignment. For example, if using the buy-in method only the existing system asset value and capacity are considered, whereas the hybrid method considers both existing system value and capacity and future growth-related capital improvement costs and additional capacity resulting from those projects. All industry accepted methodologies are described in more detail in Section 2 of this report.

This step is complicated by the nature of investments and depreciation. It is sometimes challenging to identify the infrastructure (or a portion thereof), repairs, or replacements serving only future connections or assess its retained residual value after full depreciation. Consider pump stations. While their estimated life might be 40 years, these assets retain some value and functionality afterwards despite being fully depreciated in accounting books. Therefore, engineers estimated residual value factors to value certain fixed assets after their expected life (see Section 3.1). System value is expressed in terms of dollars.

## 2.1.2 Determining System Capacity

The denominator of the capacity charge equation is system capacity. While its role in the calculation is straightforward, the challenge is defining the system capacity in a unit of measure that can be allocated to a new or modified connection, such as equivalent dwelling units (EDU) served or a unit cost per gallons per day (\$/gpd). A utility may know, for example, that its sewer system treatment capacity is 50 million gallons per day (mgd), but that capacity needs to be converted into service units and divided into system value to yield a per-service-unit fee.

The second challenge is determining “true” system capacity. Using the example of the utility with 50 mgd of treatment capacity, bottlenecks in the collection system or permitted discharge regulations may limit new connections or expanded uses and reduce the functional total system capacity. For instance, the treatment plant may have a rated capacity of 50 mgd; however, seasonal discharge limits on the receiving stream may be substantially less, which would reduce the functional capacity of the system to treat wastewater. Therefore, it is important to not just look at the treatment capacity, but at the whole system and identify the maximum flow that can be pushed through the system. System capacity is expressed here in terms of EDUs.

## 2.1.3 Calculating Capacity Charge

After determining the system value and capacity, the capacity charge is calculated by dividing system value by system capacity. The utility can then assess its charge for new or expanded connections by comparing the three standard approaches described below and analyzing their applicability and reasonableness to the utility. This is discussed in more detail later in this section.

## 2.2 Capacity Charge Methodologies

There are three industry-accepted methodologies for calculating capacity charges: the buy-in method, incremental cost method, and a hybrid or combined approach. For this Study, Carollo calculated charges using the buy-in method, consistent with the previous study. To better understand this decision, all three options are described below.

### 2.2.1 Buy-In Method

The buy-in approach is most appropriate when existing capacity is sufficient to serve both existing and forecasted future connections and expanded uses, and planned capital investment projects are minimal. These utilities typically have some “buffer capacity” where existing infrastructure can meet a certain degree of anticipated additional demand.

The buy-in approach allows the District to recover costs that have already been incurred in anticipation of this growth. Existing customers have paid for the capacity in this system over time through their own capacity charges and user rates (through direct capital financing or retired debt). The buy-in approach (or the buy-in component of the hybrid approach discussed below) of a capacity charge provides a mechanism for users placing an additional burden on the sewer system to pay their fair share of the capital costs, offsetting the capital component of other rates and charges that would otherwise be raised to pay for that capital improvement.

The fee is calculated by dividing the total system value by the total current capacity of the system, including all used and unused capacity, as seen in Equation 2.

Equation 2 [Buy-In Method Capacity Charge Formula](#)

$$Capacity\ Charge = \frac{Existing\ System\ Value}{Existing\ System\ Capacity\ (EDUs\ or\ GPD)}$$

### 2.2.1.1 Existing System Value

Determining existing system value begins with a valuation of all assets currently owned by the utility. This is then adjusted by several factors, resulting in an estimate of system value that represents the total net equity held in the system by the utility’s existing customers. WEF’s MOP 27 outlines four possible valuation approaches:

Table 1 [System Valuation Approaches from MOP 27](#)

Method	Asset Valuation Approach
Original Cost	Nominal value paid at the time of construction
Net Book Value	Original value, less accumulated depreciation
Replacement Cost New (RCN)	Original cost, adjusted to represent cost of replacement in current dollars; no depreciation is subtracted
Replacement Cost (as New), Less Depreciation (RCNLD)	Original cost less accumulated depreciation, adjusted to represent cost of replacement in current dollars

Neither AWWA nor WEF dictate a specific valuation methodology. Carollo recommends the Replacement Cost New, Less Depreciation (“RCNLD”) approach for this Study. The first part of this approach is calculating the RCN by escalating the Original Cost to build each asset to present-day dollars using the Lincoln Institute Index for Land and Property Values and the Engineering News-Record Construction Cost Index (ENR-CCI) for all other capital assets. Values can be inflated based on the ENR-CCI of one of twenty cities or a 20-city average; due to location, Carollo chose the latter. Then, accumulated depreciation is similarly escalated and deducted, resulting in the RCNLD.

The existing system value also includes any work in progress (WIP) and cash reserves. However, it must adjust for costs that have not yet been incurred by the utility. For this Study, those are contributed assets and debt service principal for the system.

Contributed or donated assets are deducted because current system users did not pay for the construction of these assets, and thus do not own equity in these assets. Therefore, it would be inappropriate for future users to reimburse current customers for assets which they did not fund.

For the same reason, all outstanding principal on existing debt service of the current system is deducted because existing users have not yet paid for that portion of the assets and so should not be reimbursed.

After deducting contributed assets and outstanding principal from the RCNLD asset value, the result can be divided by the existing system capacity to calculate capacity charges using the buy-in method.

## 2.2.2 Incremental Cost Method

In contrast with the buy-in approach, which can be described as “backward-looking” by valuating historical system investment and capacity, the incremental approach is “forward-looking” by capturing planned expansion and growth of the system. The buy-in approach typically serves built-out systems better than systems that are growing and expanding. While the buy-in approach looks at the unit cost of existing capacity in the system, the incremental approach looks at the cost to add marginal capacity to a system where new demand cannot be served by existing capacity. The incremental approach can be neatly summed up by the philosophy of “growth pays for growth.”

In contrast to the buy-in approach of valuating the cost of capacity as the existing system assets, the incremental approach is based on the cost of expanded future capacity. To estimate this, the capital improvement plan (CIP) is allocated to either repair and replacement (R&R) of the existing assets or the installation of new assets for new capacity. The costs are reflected in present day dollars, regardless of project timing.

Not all projects fit entirely in one allocation or the other; some may serve both categories. For instance, a pipeline R&R can have an expansion element to it if the pipeline replacement is upsized from the original pipe diameter, thus adding capacity or if a portion of the replaced pipeline capacity remains unused and available to serve future connections. Once the projects are allocated between R&R and growth, the expansion CIP portion of the equation is ready. When there is available capacity within the existing system, it is appropriate to include the value of that unused capacity in the incremental cost method because it will serve future users.

Similar to the buy-in method, the incremental cost method calculation divides system value by the capacity served by those assets. However, because it is critical for the value used in the numerator to represent the capacity in the denominator, the incremental cost method capacity charge divides the sum of expansion CIP and available asset value by net future capacity available for new connections and uses (future system capacity less existing demand), as seen in Equation 3.

Equation 3 [Incremental Cost Method Capacity Charge Formula](#)

---

$$\text{Capacity Charge} = \frac{\text{Expansion CIP} + \text{Value of Existing Available Capacity}}{\text{Future System Capacity} - \text{Existing Demand}}$$

## 2.2.3 Hybrid Method

Some agencies have a sizable existing system plus significant expansion CIP on the horizon. To appropriately capture the capacity built for future customers as well as reimburse existing customers for the built system, a hybrid approach combines elements from each methodology to form one capacity charge. The system valuation accounts for both the RCNLD of the existing system and expansion CIP. The corresponding capacity in the denominator is the sum of total capacity served at the end of the CIP forecast, as shown in Equation 4.

Equation 4 [Hybrid Method Capacity Charge Formula](#)

---

$$\text{Capacity Charge} = \frac{\text{Value of Existing Assets} + \text{Expansion CIP}}{\text{Total Projected Capacity}}$$

### 2.2.4 Assessment Basis

The assessment basis is the unit of measure used when determining what the fee will be for an individual user category. Historically, the District used an EDU for Residential customers, per student for Schools, and a unit \$/gpd of wastewater flow for all other customers. The District assigns these measures based on a variety of estimated demand and capacity factors when the new or modified connection applies for service. For this Study, the District requested all capacity charges be calculated on a unit cost basis.

## 2.3 Current Capacity Charge

In 2018, the District conducted a Study with a different firm to update the capacity charge (called “connection fee” in that report) using a version of the buy-in method. The existing fee is based on a formula that divides the total asset value for the existing system by the net influent flow (flow less inflow and infiltration), which reflects a demand rather than capacity. This unit cost is multiplied by an assumed 150 gallons per EDU for Residential customers and by eight gallons per day per student for School customers, paid on a per student basis.

After escalating annually, Table 2, Table 3 and Table 4 summarize the existing capacity charges for Residential, Commercial, and Industrial customers, respectively.

Table 2 Existing Capacity Charge for Residential Customers

Residential Customer	Capacity Charge
Single Family Residential (SFR)	\$4,630
Multi-Family with Kitchen	\$4,630
Multi-Family without Kitchen	\$1,810

Table 3 Existing Capacity Charge for Commercial Customers

Commercial Customer	Capacity Charge
Bakery	\$3,650
Car Wash	\$66,070
Church	\$910
Commercial	\$3,580
Historical Public Building	\$3,580
Hospital, Convalescent Home, Residential Care Facility	\$1,565
Hotel or Motel with Kitchen	\$4,630
Hotel or Motel without Kitchen	\$1,810
Laundry	\$52,360
Laundromat	\$1,010
Multi Fam with Kitchen	\$4,630
Multi Fam without Kitchen	\$1,810
Recreational Facility	\$1,810
Restaurant	\$13,050
Restaurant (Take-Out)	\$3,915
Senior Living Center w Kitchen	\$4,630
Senior Living Center w/o Kitchen	\$1,810
Supermarket/Shopping Center/Regional Mall	\$1,960
Trailer or Mobile Home	\$4,630
Warehouse	\$515

Table 4 Existing Capacity Charge for Industrial Customers

Customer	Capacity Charges
Industrial (Flow) (\$/gpd)	\$30
Industrial (biochemical oxygen demand [BOD]) (\$/pound)	\$525
Industrial (TSS) (\$/pound)	\$410

## SECTION 3 MAINLAND WASTEWATER SYSTEM CAPACITY CHARGE

### 3.1 Mainland Wastewater System Valuation

The development characteristics of VFWD’s service area on the mainland are different than the development characteristics on Mare Island. VFWD has an extensively built-out wastewater system on the mainland portion of its district. While the District has upcoming CIP projects for the collection system, wastewater treatment plant, and other parts of the system, the projects are mostly R&R projects and will not increase capacity. Therefore, this Study maintained the buy-in approach for calculating the capacity.

As described in detail earlier, the existing system valuation is based on the system’s RCNLD, calculated by subtracting an escalated depreciation from an escalated original cost. However, the District determined that there is residual value remaining in some system assets despite being fully depreciated from an accounting standpoint. For example, if a pump station purchased in 1970 for \$50,000 has a life expectancy of 25 years, then in 1995 it will be fully depreciated. However, if that pump still functions – or otherwise provides a tangible value to the District, such as by eliminating the need to start from scratch when installing a new pump – then there is residual value left to that asset. Continuing the example, if engineers estimate that residual value at 10 percent, then the accumulated depreciation used for estimating the system value is \$45,000 instead of \$50,000.

Table 5 reflects the residual value percentages applied to the fully depreciated value by asset category.

Table 5 System Valuation Approaches from MOP 27

Asset Category	Residual Value <sup>(1)</sup>
Land and Improvements	100%
Buildings and Improvements	20%
Pump Stations	10%
Plant and Facilities	10%
Collection Systems	20%
Machinery and Equipment	0%

Notes:

(1) Residual Value percentages provided by engineering estimates.

The District requested this Study evaluate a capacity charge that distinguishes treatment and collection which, when summed, is the total capacity charge. To do so, engineers estimated the allocation percentage of assets by category to each. Table 6 reflects these assumptions:

Table 6 System Valuation Approaches from MOP 27

Asset Category	Treatment-Related	Collection-Related
Land and Improvements	50%	50%
Buildings and Improvements	70%	30%
Pump Stations	0%	100%
Plant and Facilities	100%	0%
Collection Systems	0%	100%
Machinery and Equipment	50%	50%

Notes:

(1) Residual Value percentages provided by engineering estimates

The resulting RCNLD is added to WIP and cash reserves, then debt service principal and contributed capital was deducted to establish the total existing system value.

Table 7 Existing System Value Calculation (\$ millions)

Asset Category	Treatment	Collection	Total
Fixed Assets (RCNLD)	\$114.94	\$161.06	\$276.00
WIP	6.48	2.96	9.44
Cash Reserves	7.08	9.92	17.01
Less: Debt Service Principal	0.0	24.96	24.96
Less: Contributed Assets	1.87	20.01	21.88
<b>Total Existing System Value</b>	<b>\$126.63</b>	<b>\$128.98</b>	<b>\$255.60</b>

### 3.2 Mainland Wastewater System Capacity

The District’s wastewater system is built to a design capacity of 15.5 mgd. This is not to be confused with the demand served by the system. During an average day, month, or year, a utility typically sees far less demand than it has capacity to serve, but that capacity must be built to meet peak demand periods.

System capacity must be converted to service units, in this case, EDUs. The following equations depict the conversion into an EDU capacity:

Equation 5 Conversion of Gallons to EDU Capacity Formula

$$\text{Existing System Capacity (EDU)} = \frac{\text{Existing System Capacity (million gallons per day)}}{\text{Persons per Household (PPH)} \times \text{Gallons per Capita per Day (GPCD)}}$$

Equation 6 Calculation of the Mainland’s Existing System Capacity in EDUs

$$71,759 \text{ EDUs} = \frac{15.5 \text{ mgd}}{2.7 \text{ PPH} \times 80 \text{ GPCD}}$$

### 3.3 Proposed Mainland Wastewater Capacity Charge

Now that the existing system value and its corresponding capacity has been determined, the capacity charge calculation as a dollar per EDU is \$3,562, as outlined below.

Table 8 Proposed Mainland Capacity Charge Calculation (in 2022 dollars)

Fee Component	Treatment	Collection	Total
System Value (\$ million)	\$126.63	\$128.98	\$255.60
System Capacity (EDU)	71,759	71,759	71,759
<b>Capacity Charge (\$/EDU)</b>	<b>\$1,765</b>	<b>\$1,798</b>	<b>\$3,562</b>

Notes:

(1) Rounded up to a whole dollar figure.

Since Residential customers, by definition, are 1 EDU, their capacity charge is \$3,562.

#### 3.3.1 Commercial

This Study used the existing fees as the basis for determining the capacity charge schedule for commercial customers. Carollo applied the percentage of each customer type's fee compared to the Single Family Residential (1 EDU) fee to the proposed calculated capacity charge, as seen in Table 9.

Table 9 Proposed Capacity Charge for Commercial Customers (in 2022 dollars)

Customer Type	Units	Proposed Charge	Existing Charge	Variance
<b>Single Family Residential (1 EDU)</b>		<b>\$3,562</b>	<b>\$4,630</b>	<b>\$(1,068)</b>
Bakery	1000 sq. ft.	\$2,809	\$3,650	\$(841)
Car Wash	1000 sq. ft.	\$50,830	\$66,070	\$(15,240)
Church	1000 sq. ft.	\$701	\$910	\$(209)
Commercial	1000 sq. ft.	\$2,755	\$3,580	\$(825)
Historical Public Building	1000 sq. ft.	\$2,755	\$3,580	\$(825)
Hospital, Convalescent Home, Residential Care Facility	1 bed	\$1,205	\$1,565	\$(360)
Hotel or Motel with Kitchen	1 EDU w/kitchen	\$3,562	\$4,630	\$(1,068)
Hotel or Motel without Kitchen	1 EDU w/o kitchen	\$1,393	\$1,810	\$(417)
Laundry	1000 sq. ft.	\$40,283	\$52,360	\$(12,077)
Laundromat	1 machine	\$778	\$1,010	\$(232)
Multi Fam with Kitchen	1 EDU w/kitchen	\$3,562	\$4,630	\$(1,068)
Multi Fam without Kitchen	1 EDU w/o kitchen	\$1,393	\$1,810	\$(417)
Recreational Facility	1 structure	\$1,393	\$1,810	\$(417)
Restaurant	1000 sq. ft.	\$10,040	\$13,050	\$(3,010)
Restaurant (Take-Out)	1000 sq. ft.	\$3,012	\$3,915	\$(903)
Senior Living Center w Kitchen	1 EDU	\$3,562	\$4,630	\$(1,068)
Senior Living Center w/o Kitchen	1 EDU w/o kitchen	\$1,393	\$1,810	\$(417)
Supermarket/Shopping Center/Regional Mall	1000 sq. ft.	\$1,508	\$1,960	\$(452)
Trailer or Mobile Home	1 space	\$3,562	\$4,630	\$(1,068)
Warehouse	1000 sq. ft.	\$397	\$515	\$(118)

Schools are assessed on a per student basis. The capacity charge per EDU is divided by the assumed flow per student (8 gpd), resulting in a \$132.00 fee charged per student.

### 3.3.2 Industrial

Industrial customers place a unique demand on the wastewater system, and therefore new or modified connections, or increased capacity used by these customers can take those associated loadings for flow (gpd), BOD, and total suspended solids (TSS) into account. This Study determined an appropriate allocation of the capacity charge to each of these components based on the asset allocations discussed with District staff. Since these assets were originally assigned (fully or in portion) to a variety of components, Carollo proportionally reallocated the costs associated with Customer and General to flow, BOD, TSS.

The capacity charge is applied to each of these components by the calculated allocation and divided by the gallons or pounds per day for one EDU, based on data provided by the District for Residential customers. Table 10 summarizes this process.

Table 10 Reallocation of Assets to Wastewater System Components (in 2022 dollars)

Asset Category	Flow (\$/gal. per day)	BOD (\$/lb per day)	TSS (\$/lb per day)	Customer	General
Land and Improvements					100%
Buildings and Improvements				50%	50%
Pump Stations	100%				
Plant and Facilities	50%	25%	25%		
Collection Systems	100%				
Machinery and Equipment					100%
<b>Total Assets</b>	<b>\$180,798,059</b>	<b>\$25,432,924</b>	<b>\$25,432,924</b>	<b>\$928,819</b>	<b>\$5,119,982</b>
% of Total Assets	76%	11%	11%	0%	2%
Reallocated Assets	\$4,720,681	\$664,060	\$664,060	\$(928,819)	\$(5,119,982)
% of Total Assets	78%	11%	11%		
<b>Capacity Charge Allocation (\$3,562)</b>	<b>\$2,779.90</b>	<b>\$391.05</b>	<b>\$391.05</b>		
Loadings per EDU <sup>2</sup>	126.52 gal/day	0.30 lbs/day	0.31 lbs/day		
<b>Capacity Charge</b>	<b>\$21.97/gal</b>	<b>\$1,283.89/lb</b>	<b>\$1,267.85/lb</b>		

Notes:

- (1) Totals may be off due to rounding.
- (2) Calculated by dividing pounds per year or million gallons per day by number of residential units (45,402) in 2022.

## SECTION 4 MARE ISLAND WASTEWATER SYSTEM CAPACITY CHARGE

VFWD’s service area includes Mare Island, a 3.5 mile peninsula formed by the Napa river on the east and San Pablo Bay on the west. At the juncture of these two bodies of water is the Carquinez Strait, one of two locations where the District discharges treated wastewater. The infrastructure on Mare Island reflects its former use as a Naval Shipyard. After the Navy closed this facility, the City of Vallejo approved the Final Reuse Plan in 1999 to redevelop the land for residential, industrial, and commercial use.

Mare Island is an area of future redevelopment. There are no capacity-related projects in the district’s CIP specific to Mare Island; however, there are some significant assets owned by the district that only serve the island, such as the force main that crosses the Mare Island Strait. Given these system characteristics, the buy-in method would be the most appropriate methodology for fee calculation.

### 4.1 Mare Island Wastewater System Valuation

Since the Mare Island capacity charge is calculated using the buy-in method, the valuation approach for the existing system is identical. Through discussions with District staff, Mare Island-specific assets were identified and the RCNLD valuation was calculated. The calculation maintained the same residual values and treatment/collection allocations used in the Mainland capacity charge. The asset registry for this system excludes contributed collection-related assets, and the District has no related debt service principal or cash reserves. The resulting system value is shown below in Table 11.

Table 11 Existing Mare Island System Value Calculation (\$ millions)

Asset Category	Treatment	Collection	Total
Fixed Assets (RCNLD)	\$0.00	\$9.76	\$9.76
Less: Contributed Assets	0.0	0.98	0.98
<b>Total Existing System Value</b>	<b>\$0.00</b>	<b>\$8.78</b>	<b>\$8.78</b>

### 4.2 Mare Island Wastewater System Capacity

Mare Island has an estimated system capacity of 800,000 gallons per day. Using the same assumptions and formula as the Mainland to convert this into an EDU capacity of service units, the following equation shows how this Study calculated Mare Island’s existing system capacity in EDUs:

Equation 7 Calculation of Mare Island’s Existing System Capacity in EDUs

$$3,704 \text{ EDUs} = \frac{800,000 \text{ gpd}}{2.7 \text{ PPH} \times 80 \text{ GPCD}}$$

### 4.3 Proposed Mare Island Wastewater Capacity Charge

As presented in Table 11, Mare Island does not have additional treatment facilities. Instead, all Mare Island sewage is treated with the Mainland sewage at one treatment facility. Therefore, Mare Island development will not be assessed an additional treatment cost beyond what was calculated for Mainland in Table 8.

The existing system value, which is solely Collection related, and its corresponding capacity in Table 12 are used to calculate the capacity charge as a dollar per EDU outlined below:

Table 12 Proposed Mare Island Capacity Charge Calculation (in 2022 dollars)

Fee Component	Treatment	Collection	Total
System Value (\$ million) <sup>1</sup>	N/A	\$8.78	\$8.78
System Capacity (EDU)	N/A	3,704	3,704
<b>Capacity Charge (\$/EDU)</b>	<b>\$1,765<sup>2</sup></b>	<b>\$2,370</b>	<b>\$4,135</b>

Notes:

- (1) Facilities specific to Mare Island, in addition to the Mainland treatment facility.
- (2) Same as Mainland.
- (3) Rounded up to a whole dollar figure.

#### 4.3.1 Commercial

Using the same basis for Mainland commercial customers, Carollo applied the percentage of each customer type's fee compared to the Single Family Residential (1 EDU) fee to the proposed calculated capacity charge, as seen in Table 13.

Table 13 Proposed Capacity Charges for Mare Island Commercial Customers (in 2022 dollars)

Customer Type	Units	Proposed Charge
<b>Single Family Residential (1 EDU)</b>		<b>\$4,135</b>
Bakery	1000 sq. ft.	\$3,260
Car Wash	1000 sq. ft.	\$59,007
Church	1000 sq. ft.	\$813
Commercial	1000 sq. ft.	\$3,198
Historical Public Building	1000 sq. ft.	\$3,198
Hospital, Convalescent Home, Residential Care Facility	1 bed	\$1,398
Hotel or Motel with Kitchen	1 EDU w/kitchen	\$4,135
Hotel or Motel without Kitchen	1 EDU w/o kitchen	\$1,617
Laundry	1000 sq. ft.	\$46,763
Laundromat	1 machine	\$903
Multi Fam with Kitchen	1 EDU w/kitchen	\$4,135
Multi Fam without Kitchen	1 EDU w/o kitchen	\$1,617
Recreational Facility	1 structure	\$1,617
Restaurant	1000 sq. ft.	\$11,655
Restaurant (Take-Out)	1000 sq. ft.	\$3,497
Senior Living Center w Kitchen	1 EDU	\$4,135
Senior Living Center w/o Kitchen	1 EDU w/o kitchen	\$1,617
Supermarket/Shopping Center/Regional Mall	1000 sq. ft.	\$1,751
Trailer or Mobile Home	1 space	\$4,135
Warehouse	1000 sq. ft.	\$460

### 4.3.2 Industrial

New or modified Mare Island Industrial connections will be assessed a capacity charge for their unique demand on the wastewater system. Since Mare Island’s sewage is entirely treated at the Mainland treatment facility, the Industrial capacity charge calculation is based on Mare Island’s Collection System assets plus the Mainland Treatment assets. The fee calculation maintains the same asset allocations by functional component. Carollo proportionally reallocated the costs associated with Customer and General to flow, BOD, TSS.

The capacity charge is applied to each of these components by the calculated allocation and divided by the gallons or pounds per day for one EDU, based on data provided by the District for Residential customers. Table 14 summarizes this process.

Table 14 Reallocation of Mare Island Assets to Wastewater System Components (in 2022 dollars)

Asset Category	Flow (\$/gal. per day)	BOD (\$/lb per day)	TSS (\$/lb per day)	Customer	General
Land and Improvements					100%
Buildings and Improvements				50%	50%
Pump Stations	100%				
Plant and Facilities	50%	25%	25%		
Collection Systems	100%				
Machinery and Equipment					100%
<b>Total Mare Island Assets</b>	<b>\$9,733,692</b>	<b>\$11,665</b>	<b>\$11,665</b>	<b>\$-</b>	<b>\$512</b>
Mainland Treatment Assets in Use	\$89,704,992	\$12,618,831	\$12,618,831		
<b>Total Assets</b>	<b>\$99,438,684</b>	<b>\$12,630,496</b>	<b>\$12,630,496</b>	<b>\$-</b>	<b>\$512</b>
% of Total Assets	80%	10%	10%	0%	0%
Reallocated Assets	\$409	\$52	\$52	\$-	\$(512)
% of Total Assets	80%	10%	10%		
<b>Capacity Charge Allocation (\$4,135)</b>	<b>\$3,777.46</b>	<b>\$178.77</b>	<b>\$178.77</b>		
Loadings per EDU <sup>2</sup>	126.52 gal/day	0.30 lbs/day	0.31 lbs/day		
<b>Capacity Charge</b>	<b>\$29.86/gal</b>	<b>\$586.95/lb</b>	<b>\$579.61/lb</b>		

Notes:

- (1) Totals may be off due to rounding.
- (2) Calculated by dividing pounds per year or million gallons per day by number of residential units (45,402) in 2022.

## SECTION 5 RECOMMENDED CAPACITY CHARGES

Based on the calculations presented in this report, Carollo recommends a Mainland capacity charge of \$3,562 per EDU and a Mare Island capacity charge of \$4,135 per EDU for new connections or modified uses that increase their system burden, as shown in Table 15 below.

Table 15 Proposed Capacity Charges per EDU (in 2022 dollars)

Fee Component	Treatment	Collection	Total
Mainland	\$1,765	\$1,798	\$3,562
Mare Island	\$1,765	\$2,370	\$4,135

## VALLEJO FLOOD AND WASTEWATER DISTRICT

**Supplemental Capacity Charge Analysis**

**Project No.:** Carollo 202850 / VFWD 240141  
**Date:** 15 May 2024  
**Prepared By:** Mark Panny  
**Reviewed By:** Isalah Barnes and Jennifer Ivey  
**Subject:** Supplemental Capacity Charge Analysis and Results

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## 1.0 PURPOSE AND BACKGROUND

Carollo Engineers, Inc., (Carollo) has prepared this Technical Memorandum (TM) for Vallejo Flood and Wastewater District (VFWD) to summarize Carollo's analysis and recommendations for a Supplemental Capacity Charge related to new developments in the Sears Point sewershed within its service area. This Supplemental Capacity Charge is necessary because the capacity enhancement projects necessary to serve development in this sewershed only benefit this sewershed and are not necessary for the whole VFWD service area. As a result, the corresponding costs must be properly allocated to and recovered from new users or expanded uses within the Sears Point area benefiting from those projects. The purpose of this TM is to calculate the appropriate fee to recover those costs on a per-equivalent-dwelling-unit (EDU) basis.

VFWD recently received an analysis completed by West Yost that included a hydraulic model assessment of the sewershed, identifying future flows and impacts related to buildout conditions.<sup>1</sup> West Yost also provided recommended capital projects and cost estimates to increase system capacity to serve this development. Carollo used these recommendations to develop its own analysis and recommendations for a per-unit capacity charge that VFWD can assess upon new developments to recover these costs.

## 2.0 METHODOLOGY AND ASSUMPTIONS

The Water Environment Federation's *Manual of Practice 27* (MOP 27) outlines several commonly accepted methodologies for developing capacity charges for wastewater systems. This analysis used the incremental approach, which ties the cost of additional system capacity directly to the new connections or more intensive uses that benefit from that additional capacity.<sup>2</sup> That approach calculates the capacity fee by dividing the cost of capacity by the total amount of capacity served. The capacity served is typically expressed using EDU, which are intended to quantify the flow and loadings impact of each connection in relation to a single family residential (SFR) dwelling. For example, a commercial connection that has typical domestic strength flow but discharges twice as much flow as a SFR connection would equal 2.0 EDU. For users with higher strength flow, the EDU estimate must be weighted based on the estimated cost of

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<sup>1</sup> West Yost TM 078 to VFWD; Subject: "Sears Point Sewershed Rehabilitation Nexus Study", dated January 11, 2024.

treating each flow constituent. VFWD's most recent capacity charge analysis provides a full detail of this weighting basis.

This methodology first outlines the estimated cost of capacity needed to serve new connections or more intensive uses and then the projected number of EDUs based on buildout hydraulic modeling.

## 2.1 System Capacity Cost

The hydraulic modeling within the West Yost analysis first estimated the capacity needed to meet existing demands from users. The analysis then used the hydraulic model to estimate additional demand as a result of future development within the Sears Point sewershed and the associated capacity improvements needed to meet that demand. Finally, the analysis provided estimated costs for those capacity improvements within the Sears Point sewershed. The Supplemental Capacity Charge calculated within this TM is based on the cost estimates for those improvements.

Cost estimates for the needed capacity improvements were provided in aggregate. In this fee analysis, those costs had to be separated between the existing users and the new users anticipated under the planned future "buildout" condition. Carollo used the ratio of incremental additional flows from new users to the total buildout flow to allocate that aggregate cost between existing and new users/uses.

The West Yost analysis estimated total capacity enhancement costs at \$18,754,050. This cost includes projects that benefit both existing and new users. The collective benefit must be allocated proportionately to these two groups before a supplemental capacity charge can be calculated and attributed specifically to new development.

Based on Table 4 of the West Yost TM 078, the hydraulic model demonstrated that 3.68 million gallons (MG) of system capacity is needed to serve the existing peak wet weather flow (PWWF) condition. At buildout, that capacity need during PWWF is forecasted to increase to 4.99 MG. Therefore, new users and uses are projected to add 1.31 MG of capacity demand to the Sears Point sewershed, representing 26 percent (1.31 MG/4.99 MG) of the total capacity need at buildout. This percentage can be used to allocate the new users' share of these costs, which equals \$4,923,408.

## 2.2 System Capacity Units

The West Yost TM forecasts 3.37 million gallons per day (mgd) of additional average dry weather flow (ADWF) systemwide at buildout. Of this, 1.73 mgd, or 51 percent, is modeled within the Sears Point sewershed.

To convert this 1.73 mgd to EDUs, the projected ADWF is divided by the per-EDU flow rate during ADWF. The systemwide capacity charge assumes that each EDU generates approximately 80 gallons per day (gpd) per person, and each EDU has an average occupancy of 2.7 persons, equaling 216 gpd per EDU. These assumptions are consistent with and based on the District's Engineering Standards. Based on buildout flow of 1.73 mgd, the Sears Point sewershed is projected to add 8,009 EDUs at buildout.

## 3.0 RESULTS AND DISCUSSION

The supplemental capacity charge calculation is shown in Table 1. The calculated Supplemental Capacity Charge is \$615 per EDU.

There are important considerations related to this fee. First this supplemental capacity charge only applies to development with new connections or enhanced capacity that are located within the Sears Point sewershed and benefit from the improvement projects outlined in the West Yost TM. Second, this fee is intended to be in addition to the capacity charge that VFWD already assesses for connecting to or increasing the use of its collection and treatment systems.

Table 1 Supplemental Capacity Charge Calculation

	Calculation Input	Value
A	Cost <sup>1</sup>	\$18,754,050
B	Existing PWWF Capacity Need, MG <sup>2</sup>	3.68
C	Buildout PWWF Capacity Need, MG <sup>2</sup>	4.99
D	Percent of improvements for new users $((C - B) \div B)$	26%
E	Cost share to new users $(A \times D)$	\$4,923,408
F	Gallons per Day per EDU <sup>3</sup>	216
G	Sears Point Sewershed Incremental ADWF, mgd	1.73
H	Sears Point Sewershed Incremental ADWF, EDU $((G \times 1 \text{ MG}) \div F)$	8,009
I	Supplemental Capacity Charge, \$/EDU $(E \div H)$	\$615

Notes:

- (1) West Yost TM 078, Table 5.
- (2) West Yost TM 078, Table 4.
- (3) 80 gpd per person with 2.7 persons per household.

## TECHNICAL MEMORANDUM

DATE: May 2, 2024

Project No.: 078-60-23-34

SENT VIA: EMAIL

TO: Mark Tomko, PE, Vallejo Flood and Wastewater District  
David Espinoza, PE, Vallejo Flood and Wastewater District

FROM: Josh Steiner, EIT #168371

REVIEWED BY: Doug Moore, PE, RCE #58122

SUBJECT: Sears Point Sewershed Rehabilitation Nexus Study



West Yost is pleased to provide this Sears Point Sewershed Rehabilitation Nexus Study to the Vallejo Flood and Wastewater District (VFWD). The purpose of this Technical Memorandum (TM) is to revise and combine previous sewer studies of the Sears Point sewershed, illustrate the nexus between new development and capacity issues at the Sears Point Pump Station (SPPS) and Sears Point Storage Facility (SPSF), and determine the level of sewer rehabilitation needed to mitigate these buildout capacity issues.

This TM includes the following sections:

- Background
- Land Use and Hydraulic Model Update
- Sears Point Sewershed Rehabilitation Evaluation
- Rehabilitation Costs

### BACKGROUND

The following sections provide relevant background information.

#### Previous Sears Point Sewershed Studies

In March 2023, West Yost produced the “Alternatives Evaluation for Sears Point Pump Station Sewershed” TM, which provided a preliminary evaluation of two alternative approaches to address the sewer impacts from the Sonoma Boulevard development projects and the planned buildout development in the Sears Point sewershed. The Sears Point sewershed is tributary to the SPPS and SPSF. Based on computer modeling, the primary sewer impact from developments located in the Sears Point sewershed is that the increased wastewater flows could result in the capacity of SPPS and SPSF being exceeded, which in turn could generate a sanitary sewer overflow (SSO) from the SPPS into Austin Creek.

In May 2023, West Yost produced the “Sewer Rehabilitation Feasibility Study for Mitigating Peak Wet Weather Flows Tributary to the Sears Point Pump Station” TM, which analyzed the feasibility of implementing a sewer rehabilitation program in lieu of the alternatives analyzed in the March 2023 TM. Comparing results from both the March 2023 and May 2023 TMs showed an additional wastewater

storage tank covered in the March 2023 (Alternative 1) to be the most cost-effective method of mitigating capacity issues from buildout sewer flows.

In September 2023, West Yost produced the “Buildout Sewer Evaluation of the Sears Point Sewershed and Preliminary Sizing of Sears Point Storage Facility 2” TM, which analyzed Alternative 1 in more detail with the VFWD wastewater hydraulic model received in May 2023. The September 2023 TM concluded that that total cost associated with Alternative 1 was much higher than initially anticipated, which ultimately led VFWD to put the project on hold. With Alternative 1 on hold, VFWD is interested in reanalyzing sewer rehabilitation projects as a means of addressing the impacts of new development.

The contents of this TM are meant to combine and revise the analyses discussed in the March 2023, May 2023, and September 2023 TMs.

## **Draft Sanitary Sewer Collection System Master Plan (SSCSMP) (and associated sewer model)**

The draft SSCSMP and associated Infoworks ICM sewer hydraulic model were prepared by Carollo Engineers and were received by VFWD and provided to West Yost in April 2022. West Yost assisted VFWD with reviewing and preparing comments for the draft SSCSMP and associated sewer model, which was then revised by Carollo Engineers. A revised version of the SSCSMP and associated sewer model was received by West Yost in June 2023.

The model and the SSCSMP are still under review by VFWD and have not yet been adopted. The model and SSCSMP development included two years of flow monitoring to accurately calibrate the model to current, real flow rates. The hydraulic model includes scenarios for both existing land use conditions and buildout land use conditions, however, because the development of the model began several years ago, the buildout land use conditions are based on general buildout land uses from the City of Vallejo 2040 General Plan (General Plan). Consequently, the buildout land uses are not necessarily consistent with the current, specific development projects along Sonoma Boulevard and Broadway Street.

Furthermore, there still exists some inconsistencies in the hydraulic model regarding the operations of SPPS and SPSF. The actual operation of SPPS and SPSF (discussed in the following section) are very difficult to represent in a computer model and requires intricate real time controls (RTC) to represent both gravity filling and pumped filling protocols for the SPSF.

For the reasons described in this section, VFWD requested that West Yost revise the hydraulic model to 1) represent a more realistic buildout land use scenario for the Sears Point sewershed that incorporates data from known developments and 2) update the modeling and RTCs for SPPS and SPSF to reflect the operations described in the following section. Both of these tasks are critical for understanding the capacity issues in the Sears Point sewershed as well as developing sewer rehabilitation recommendations.

## SPPS and SPSF

The following notes on the operation of the SPPS and SPSF are from the Sanitary Sewer Model Update letter dated January 24, 2013 as prepared by West Yost (Doug Moore) for VFWD (Rolf Ohlemutz). Any operational changes to the SPPS and SPSF since this letter was prepared are not accounted for in the following description nor in the hydraulic model:

- The SPPS and the SPSF are key elements of the sewer system. SPPS receives wastewater flow and pumps up to 22 million gallons per day (mgd) (34.0 cubic feet per second) into the 30-inch diameter force main running parallel to Highway 37 and ultimately into the wastewater treatment plant (WWTP). When inflow to the SPPS exceeds 22 mgd, excess flows are diverted into the SPSF. If the SPSF reaches a water surface elevation (WSE) of 4.3 feet (all elevations are in the NAVD 88 datum) and inflow to the SPPS is still above 22 mgd, the excess flow is diverted to Austin Creek as an intentional SSO.
- There are four pumps at the SPPS. Three pumps are part of the normal operation of the pump station, and the fourth pump is a back-up pump. All pumps have variable frequency drives (VFDs) with a set point of -14.32 feet NAVD WSE in the wet well. The pumps come on sequentially attempting to maintain the wet well WSE at the set point.
- All pumps discharge into the SPPS header.
- The SPPS weir is at elevation -6.81 feet NAVD. There is no flow over this weir until the WSE in the SPPS wet well exceeds -6.81 feet. When the water level in the SPSF reaches elevation -5.2 feet NAVD, the gate to the weir closes. This operation is consistent with the maximum gravity flow elevation shown on the SPSF record drawings.
- Flow from the SPPS header normally flows to the Wilson Avenue sewer. When the flow pumped into the header exceed 22 mgd, the flow is split to allow 22 mgd to continue to flow downstream to the Wilson Avenue Sewer. The pumped flow above 22 mgd is diverted to the SPSF.
- When the SPSF WSE exceeds elevation +4.3 feet NAVD (essentially full), the header diverts the excess flow to Austin Creek as an intentional SSO.
- The SPSF is manually drained back to the SPPS after the peak flow from a large storm has passed.
- The value of 22 mgd discharged to the Wilson Avenue sewer was established as the maximum flow that the downstream gravity sewer can convey without causing SSOs or causing wastewater back-ups into adjacent properties.
- There are two major sewers that flow into the SPPS, including 1) the White Slough sewer (which includes the developments along Sonoma Boulevard) and 2) the Sacramento Street sewer (which includes the flow from the Missouri Pump Station).

## Sewer Rehabilitation Performance

Several constraints for this evaluation had to be defined to determine the level of effectiveness that could be achieved through sewer rehabilitation and the extent of sewer rehabilitation that would be required in order to achieve such effectiveness. Several case studies reference peak wet weather flow (PWWF) reductions of up to 35 percent for comprehensive rehabilitation in the public right-of-way. Furthermore, the 1999 EPA Fact Sheet titled “Trenchless Sewer rehabilitation” suggests that a 70 percent reduction can be expected in sewers that are rehabilitated. Based on these two values, it is assumed that 50 percent of

the pipes in any given flow monitoring basin would require rehabilitation to achieve a 35 percent reduction in PWWF.

To account for degradation of the collection system over time, both for the rehabilitated system and the new system associated with new developments, a degradation scaling factor had to be developed. The scaling factor is based on a new development's PWWF and determines the amount of inflow and infiltration (I/I) that would need to be mitigated through sewer rehabilitation for the project to develop. A degradation scaling factor of 2 was established for this evaluation by referencing a similar program developed by Napa Sanitation District (Resolution No. 21-006).

## LAND USE AND HYDRAULIC MODEL UPDATE

The following sections describe the flow development criteria, land use modifications, and the SPPS hydraulic model update process.

### Flow Development Criteria

For specific, known developments, available planning documents in conjunction with Sections 3.3.1 and 3.3.2 of the VFWD July 2020 Engineering Design Standards (Design Standards) were used to establish existing and buildout ADWFs. The following is a list of applicable Design Standards that were used throughout this analysis:

- The average family unit to be used for sewer planning is 2.7 persons per dwelling unit (DU).
- As shown in Table 3-1 of the Design Standards, residential and commercial land uses have an average daily discharge of 80 gallons per capita per day (gpcd) and 20 gpcd, respectively.
- As shown in Table 3-2 of the Design Standards, infiltration allowances for pre-1970 development and post-1970 development are 4,000 gallons per day per acre (gpd/acre) and 600 gpd/acre, respectively.

In some instances, the planned number of residential and commercial users at buildout was difficult to determine. In those instances, the following allowable General Plan land use densities were used to supplement the Design Standards:

- Single-Family Residential: 12 DU/acre.
- Mixed Residential: 25 DU/acre.
- Multi-Family Residential: 40 DU/acre.
- Central Corridor: 50 DU/acre.
- Neighborhood Corridor: 30 DU/acre.
- Business/Limited Residential: 50 DU/acre.
- Retail/Entertainment, Business/Light Industrial, Industrial, Public Facilities & Institutions: 1,200 gallons per day (gpd)/acre\*.

*\*1,200 gpd/acre is a wastewater generation factor previously used and agreed upon by VFWD and West Yost.*

For areas without a General Plan land use, the following assumptions were made to supplement the Design Standards:

- Parcels with a land use remark of “Vacant Residential Land” were evaluated using a density of 12 DU/acre.
- Parcels with a land use remark of “Vacant Multi. Residential Land” were evaluated using a density of 40 DU/acre.
- Parcels with a land use remark of “Vacant Commercial Land” were evaluated using a density of 1,200 gpd/acre.
- Parcels with a land use remark of “Raw Subdivision Land” were evaluated using a density of 12/DU/acre, assuming this will be single family residential at buildout.

## Land Use Modifications

To incorporate the most recent development and the latest understanding of buildout conditions for the Sears Point sewershed, several modifications needed to be made to both the existing conditions and buildout conditions land uses. Land use modifications for both the existing and buildout conditions land uses were made with the following assumptions:

- Most of the new development projects added to the hydraulic model are located in existing modeled sewersheds. In those instances, the additional buildout ADWF was added to the existing ADWF.
- All new development located outside of existing modeled sewersheds were added to the hydraulic model as new separate sewersheds. New residential developments were assigned an existing diurnal pattern that was found to be mostly residential while new commercial developments were assigned an existing diurnal pattern that was found to be mostly commercial. Diurnal patterns are hourly flow factors that are used to scale the ADWF throughout the day to represent the daily fluctuations of indoor water usage. These diurnal patterns control the timing and magnitude of the peak sanitary flow from a sewershed.
- All new development located outside of existing modeled sewersheds, regardless of land use, were assigned a RTK unit hydrograph that results in a peak inflow and infiltration (I/I) rate of approximately 600 gpd/acre, which is the I/I allowance specified for new development in the Design Standards.

Modified existing and buildout land uses are summarized in Table 1 and shown on Figure 1. The following two sections discuss the existing and buildout land use developments that were added to the hydraulic model.

### *Existing Conditions Land Use*

Minor changes were made to the existing conditions land use to incorporate new development that was not included during the time of hydraulic model development. These include one already constructed development, the DaVita Dialysis Clinic located on Sonoma Boulevard, and two on-going construction efforts, the Broadway Community Housing development located on Mini Drive and Central Self-Storage located on Sonoma Boulevard. All three of these developments were added to the existing conditions hydraulic model as separate sewersheds. The latter two of the three are included in Table 1 as “Known Current Value List Projects.”

West Yost has previously completed sewer evaluations for both DaVita Dialysis Clinic and Broadway Community Housing and has estimated ADWFs to be 5,700 gpd and 3,760 gpd, respectively. Through correspondence with RAK Engineers, it has been determined that Central Self Storage will have one employee, which results in an ADWF for Central Self Storage of 20 gpd.

### ***Buildout Conditions Land Use***

Several more in-depth modifications were required to model buildout sewer flows. Beyond known tentative projects listed in the City of Vallejo Value List (Last updated July 3, 2023), the draft SSCSMP lists several sources for additional buildout flows including Specific Plan areas, vacant infill, and accessory dwelling units (ADUs). The following is a list of modifications that were made to the hydraulic model to incorporate tentative Value List projects and represent the buildout flow sources identified in the draft SSCSMP:

- There are 44 “Tentative Value List Projects” listed in Table 1 along with their corresponding ADWF. ADWFs were determined using the Design Standards and the General Plan. Notes provided in Table 1 describe relevant assumptions, previously completed studies, and necessary deviations from the Design Standards or General Plan. The total buildout ADWF for tentative Value List projects is 0.68 MGD. Of that 0.68 MGD, 0.49 MGD will be located within the Sears Point sewershed. Some of the Value List Projects are not projected to have any increase in ADWF upon buildout. Nonetheless, these projects are also included in Table 1.
- The four Specific Plan areas that are projected to have increases in buildout ADWF are Waterfront Market, Solano 360, Hiddenbrooke, and Mare Island, as shown in Table 1. With the exception of Mare Island, ADWFs for Specific Plan areas were divided into residential and commercial portions, both of which were added to the hydraulic model as separate sewersheds. The Mare Island Specific Plan area was dealt with by updating the existing conditions ADWF for the existing Mare Island sewershed. It should be noted that the Mare Island Specific Plan area ADWF is currently under development by West Yost through the Mare Island Infrastructure Assessment, so the flow projection for this area is subject to change. Only Solano 360 and Hiddenbrooke are located within the Sears Point sewershed, with a combined ADWF of 0.54 MGD.
- Parcels designated as vacant within the VFWD service area were provided to West Yost as a shapefile. For each of the vacant parcels, an ADWF was determined using the Design Standards and their respective General Plan land uses. In total, 1.17 MGD of additional ADWF is expected at buildout due to vacant infill. Of that 1.17 MGD, 0.43 MGD will be located within the Sears Point sewershed. Developed vacant parcels added to the hydraulic model for buildout conditions are summarized in Attachment A.
- The draft SSCSMP suggests that there will be 2,778 ADUs city-wide by 2040, which results in a city-wide ADU flow rate of 0.60 MGD for buildout conditions. To allocate these ADUs throughout the buildout model, General Plan land uses were spatially matched to modeled sewersheds and the total residential area for each modeled sewershed was summarized. In total, 6,413 acres of residential land was matched with modeled sewersheds. Dividing the total ADU flow rate of 0.60 MGD by the total residential area of 6,413 acres results in an acreage based ADU flow rate of 93.6 gallons per acre, which was then applied to each modeled sewershed based on the total matched residential acreage. For the Sears Point sewershed, there is an estimated 1,204 ADUs for buildout conditions with a total ADWF of 0.26 MGD.

A summary of total buildout ADWFs in comparison to buildout ADWFs contained within the Sears Point sewershed is provided in Table 2. In total, 3.37 MGD of additional ADWF is expected at buildout with 1.73 MGD (51 percent) located within the Sears Point sewershed.

## Modeled Sears Point Pump Station Update

In addition to the land use modification discussed in the previous sections, the hydraulic model required several sewer facility updates for both existing and buildout conditions to capture the correct SPPS and SPSF operations. Changes that were made to the VFWD hydraulic model to reflect the SPSF filling operations discussed in the “SPPS and SPSF” section of this TM include several invert and rim elevation adjustments to match with as-builts and correct for datum issues, however, most of the adjustments made were associated with the modeled RTCs.

RTCs were implemented such that when the WSE in SPSF exceeds -5.2 feet, the weir controlling gravity filling of SPSF on the wet well side raises to approximately 10 feet and stops the gravity filling procedure. At this same time, the weir controlling pump filling of SPSF on the pump header side lowers to 109 feet and begins the pump filling procedure. The elevation of 109 feet was chosen to allow 22 mgd to be discharged to the Wilson Avenue sewer with the remaining flow being pumped to SPSF. Additional RTCs were also added such that when the WSE in SPSF exceeds 4.3 feet, the weir controlling pump filling of SPSF would raise to 150 feet (artificial height to prevent flow) and a second weir representing the SSO into Austin Creek would lower to 109 feet.

## SEARS POINT SEWERSHED REHABILITATION EVALUATION

The following sections discuss the hydraulic modeling procedure, results, and their implications regarding sewer rehabilitation projects within the Sears Point sewershed.

### Hydraulic Modeling Procedure

The following hydraulic modeling procedures were used to evaluate the feasibility of sewer rehabilitation as a means for mitigation buildout capacity issues within the Sears Point sewershed:

- The model scenario representing buildout land uses with existing sewer facilities was used as the basis for this evaluation.
- Four flow monitoring basins located within the Sears Point sewershed were identified as good candidates for sewer rehabilitation projects. The four flow monitoring basins and their respective I/I rankings (1 being the most influenced by I/I) as determined in the draft SSCSMP are summarized in Table 3.
- Starting with the most heavily influenced flow monitoring basin (7A), the rainfall response in the model was reduced until a 35 percent reduction in peak I/I flow was observed. This process was repeated for flow monitoring basins 7B, 7C, and 10A.

## Hydraulic Model Results

All results discussed in this section were evaluated using the 5-year, 24-hour design storm, which was the design storm chosen to analyze wastewater collection system performance in the SSCSMP. The following three hydraulic model run groups (RG) were evaluated to understand the impacts of new development in the Sears Point sewershed and the feasibility of implementing sewer rehabilitation projects as a means of mitigating peak buildout flows.

- **RG-1:** Existing Land Use, Existing Sewer Facilities
- **RG-2:** Buildout Land Use, Existing Sewer Facilities
- **RG-3:** Buildout Land Use, Rehabbed Sewer Facilities

Hydraulic model results for all RGs are summarized in Table 4. Results for RG 1 confirm that the SPSF is at capacity for existing conditions, with a peak modeled WSE in SPSF of 3.90 feet (0.4 feet of freeboard remaining or approximately 60,000 gallons of storage remaining). For RG 1, there is 3.68 MG of modeled upstream SSOs within the Sears Point sewershed that will be addressed over time as VFWD implements the Capital Improvement Program (CIP) included in the SSCSMP.

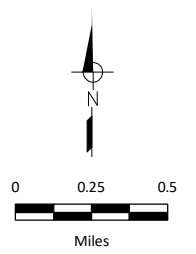
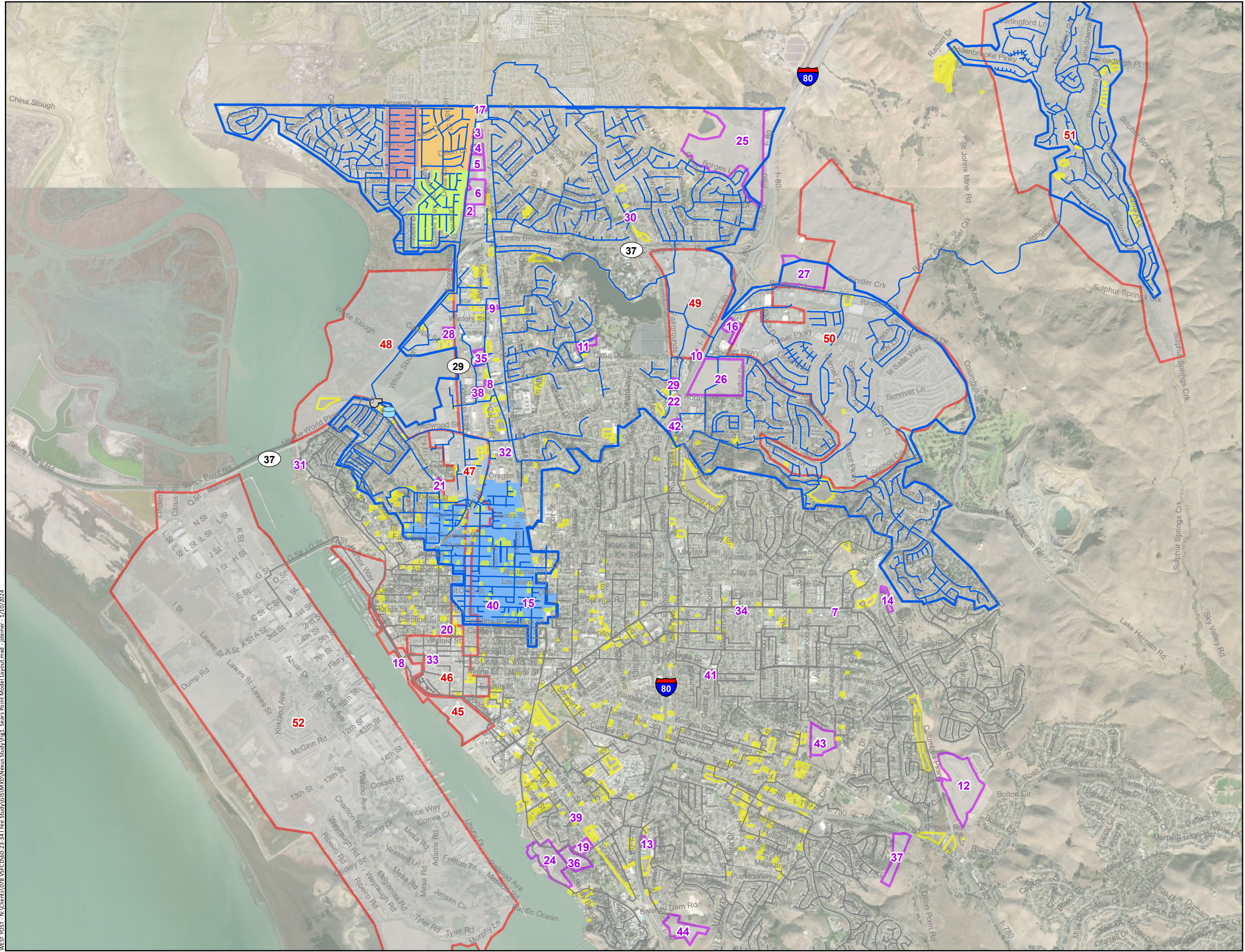
Modeled results for RG 2 show that buildout sewer flows from new development increases the SPSF WSE from 3.90 feet to 4.30 feet and could cause a 0.42-million-gallon (MG) SSO in to Austin Creek. Furthermore, because the SPPS and SPSF are at capacity, the volume of upstream SSOs could increase from 3.68 MG to 4.57 MG, bringing the total SSO volume to 4.99 MG for RG 2.

Results for RG 3 show that a 35 percent reduction in peak I/I rate in flow monitoring basins 7A, 7B, 7C, and 10A restores just enough capacity in SPSF as to prevent an SSO into Austin Creek. While the SPSF WSE is still 4.30 feet (no freeboard remaining), the modeled SSO in Austin Creek is completely eliminated. Furthermore, upstream modeled SSOs also decrease from 4.57 MG in RG 2 to 2.12 MG in RG 3.

## REHABILITATION COSTS

A summary of rehabilitated hydraulic model results and associated rehab costs for each flow monitoring basin are summarized in Table 5. A 35 percent reduction in peak I/I rate from basins 7A, 7b, 7C, and 10A equates to a total decrease of 2.29 MGD. A long-term peak I/I rate reduction of 1.15 MGD is determined by applying the degradation scaling factor of 2 to the total decrease of 2.29 MGD.

In these flow monitoring basins, there is 23.68 miles of sewer main, and half (11.84 miles) of these sewers are assumed to be rehabilitated to achieve the 35 percent reduction. Using bid summaries for previously implemented sewer rehabilitation projects provided by VFWD, an average sewer rehabilitation cost of \$300 per linear foot of pipe was established, which includes costs for rehabilitation of maintenance holes, lower laterals, permits, mobilization/demobilization, and all other items necessary to see the project to completion. This equates to a total rehab cost for flow monitoring basins 7A, 7B, 7C, and 10A of \$18,754,050.



- Modeled Sewer Facilities**
- Sears Point Storage Facility
  - Sears Point Pump Station
  - Modeled Sears Point Sewer Pipe
  - Other Modeled Sewer Pipe
  - Subcatchment
- Buildout Developments**
- Existing Sears Point Sewershed
  - Value List Project
  - Specific Plan Area
  - Vacant Infill
- Rehabbed Flow Monitoring Basins**
- Basin 7A
  - Basin 7B
  - Basin 7C
  - Basin 10A

Notes:  
 1. Accessory Dwelling Units (ADUs) not shown.



**Figure 1**  
**Sears Point Sewershed Hydraulic Model Layout**  
 Vallejo Flood & Wastewater District  
 Sears Point Sewershed Rehabilitation Nexus Study

WEST YOST - N:\Clients\078 - VFC\06023-341 Fee Study\GIS\MXD\Nexus Study\Fig1 - Sears Point Model Layout.mxd - jsterner - 1/10/2024

Table 1. City of Vallejo Buildout Sewer Flows

Project #	Project Name	Location	Project Description	Total Acreage	Total DUs	Residential Density	Residential ADWF, gpd	Total Additional Employees	Commercial ADWF, gpd	Total ADWF, gpd
Known Current Value List Projects										
1	Permanent Supportive Housing	APN: 0067-140-150	Permanent supportive housing for 47 individuals and provide various on-site services for people experiencing homelessness.	0.65	47	1 <sup>(a)</sup>	3760	-	-	3760
2	Central Self Storage	APN: 0067-150-320	Self-storage facility with 1 active employee.	2.86	-	-	-	1	20	20
Tentative Value List Projects										
3	Chick Fil A Restaurant with Drive Thru	Sonoma Blvd South of Mini Drive	A new commercial building with drive thru	1.79	-	-	-	-	1500 <sup>(b)</sup>	1500
4	La Quinta Inn & Suites	APN: 0067-140-070	New 4-story, 96-room hotel with 99 parking spaces on middle parcel	2.06	150 <sup>(c)</sup>	1 <sup>(c)</sup>	12000	251	5020	17020
5	Sonoma Gateway Apartments	APN: 0067-140-200	The project consists of 202 multi-family residential units spread throughout six different building as well as a stand alone community clubhouse. Refer to project description for additional information.	6.89	202	2.7	43632	1	20	43652
6	418 Multi-Family	5180 Sonoma Blvd.	Multi-Family Apartment project providing 418 units within 10 buildings with a clubhouse and leasing building.	12.60	418	2.7	90288	1	20	90308
7	Gas Station Renovation	2601 Springs Road	Remodel gas station / convenience store; increase sign area by 25 percent	0.35	-	-	-	-	-	0
8	Child Care Center	1701 Broadway St.	Child Care Center for 94 children	0.61	94	-	-	-	-	1410 <sup>(d)</sup>
9	Concrete batch Plant	1888 Broadway St.	Upgrading concrete batch plant	1.03	-	-	-	-	-	0
10	Digital Billboard	740 Coach Lane	Construct a new Digital Billboard along I-80. Code text amendment and development agreement	1.39	-	-	-	-	-	0
11	Solar/Carports	100 Hospital Drive	33,697 square feet Carport/Solar. A total of 40 trees will be removed.	4.56	-	-	-	-	-	0
12	Waterstone Phase 2A/2B	APN: 0082-010-260	185 single-family homes for Waterstone Phase 2A/2B	53.69	185	2.7	39960	-	-	39960
13	Mixed-Use Development	148 East Lincoln Road	Mix-Use Development; subdivide parcel into 24 parcels, condo. map with 21 attached homes, parcel 23 will be a dispensary, parcel 24 will remain vacant. General Plan Map Amendment because existing general plan does not allow residential.	3.22	21	2.7	4536	3 <sup>(e)</sup>	60	4596
14	Vista La Terraza/Attached Residential	Springs Rd./Eucalyptus Dr.	Revision to acreage	3.04	28	2.7	1134	-	-	1134
15	30-unit Multi-Family Development with 2 VLI units for Density Bonus	78 Springs Rd	Project consists of 30 multifamily dwelling units with two very low income units in an existing shopping center	0.09	32	2.7	6912	-	-	6912
16	Vallejo Corners Facade Improvement	908 Admiral Callaghan	facade improvements on existing shopping center	6.76	-	-	-	-	-	0
17	McDonald's Façade and Drive-Thru	5210 Sonoma Blvd	McDonalds drive thru	0.77	-	-	-	1	20	20
18	Mare Island Brewing Co.	289 Mare Island Way	Permanent outdoor dining for Mare Island Brewing Co.	0.38	-	-	-	-	-	0
19	Oakwood Apartments	Sonoma Boulevard and Magazine Street (APN: 0061-160-210)	Apartment complex with 132 units, a rental office and clubhouse, and cabana.	4.95	132	2.7	28512	1	20	28532
20	Federal Building Event Center	823 Marin Street	Establishment of an event center	0.64	-	-	-	30 <sup>(e)</sup>	600	600
21	Sacramento Street Affordable Housing	2118 and 2134-36 Sacramento Street	75 supportive housing units for formerly homeless persons	1.57	75	2.7	16200	-	-	16200
22	Fairgrounds Self Storage	384 Fairgrounds Drive	Self-storage facility (includes a Variance request because the project provides 14 of the required 55 parking spaces).	1.59	1	2.7	41	2	40	80.5
23 <sup>(f)</sup>	Pet Smart	952 Admiral Callaghan Lane	Facade remodel of an existing storefront in the Target Center.	6.76	-	-	-	-	-	0
24	VMT/Sperry Mill Interim Uses	790-800 Derr St.	Temporary vehicle & equipment parking; maintenance & repair of automotive heavy equipment; temporary construction storage; minor building materials assembly	26.87	-	-	-	5 <sup>(e)</sup>	100	100
25	Borges Ranch Residential Subdivision	112 Golden Gate Terrace	408-lot subdivision w/319 SFDs, 88 duplexes, and 1 retail parcel	126.87	584	2.7	126144	-	-	126144
26	Fairview at Northgate (Costco)	Admiral Callaghan Ln./Turner Pkwy. (Cooke Property)	153k sq. ft. Costco, 4 retail pads, 178 small-lot SFDs (proposed amendment to develop a 157,417 sq. ft. Costco, modifications to stormwater features, the layout of gas station aisles/pumps, and changes to building pad elevations)	50.72	245	2.7	52920	-	15912 <sup>(g)</sup>	68832
27	Solano Ranch Mixed Use Project	Columbus Pkwy. At Admiral Callaghan Ln. (Lee Property; 0182-020-010, 020 and 080)	Mixed-use development on vacant 32-acre site at the intersection of Columbus Pkwy. and Admiral Callaghan Ln. The project includes 264 apartment units, 4 commercial buildings totaling 32,725 sq. ft., 11 acres of wetland/open space	32.13	264	2.7	57024	-	902 <sup>(h)</sup>	57926
28	Panda Express Restaurant with Drive Thru	4301 Sonoma Blvd	A new commercial building with drive thru	3.37	-	-	-	7 <sup>(e, i)</sup>	140	1220
29	127 Multi-family / Density Bonus project	480 Fairgrounds Drive	127-unit multi-family density bonus project	1.65	127	2.7	27432	-	-	27432
30	Dutch Bros	1598 Fairgrounds Drive	New 950 square-foot Dutch Bros with two drive-thru	0.79	-	-	-	5 <sup>(e)</sup>	100	100
31	Waterfront Commercial	913 Wilson Avenue	2,020 square-foot sales office with two tiny home park model RVs on cement pads for sales offices.	0.36	-	-	-	2 <sup>(e)</sup>	40	40
32	28-unit condo project	1535 Broadway	28-unit condo project on a 53,143 square-foot parcel. Each unit will have two bedrooms and 2 bathrooms. A total of 47 off-street parking spaces will be provided.	1.26	28	2.7	6048	-	-	6048
33	Charter School	241 Georgia St	New Charter School in existing commercial building located Downtown. 34,819 square feet	3.56	400	-	-	35	-	6000 <sup>(d)</sup>
34	Minor Use Permit, Used Auto Sales	1901 Springs Road	Applicant is clarifying the proposed use, may resubmit as broker	0.27	-	-	-	4 <sup>(e)</sup>	80	80

**Table 1. City of Vallejo Buildout Sewer Flows**

Project #	Project Name	Location	Project Description	Total Acreage	Total DUs	Residential Density	Residential ADWF, gpd	Total Additional Employees	Commercial ADWF, gpd	Total ADWF, gpd
35	Vallejo Broadway Housing	1765 Broadway APN: 0052-160-100	111- multi-family residential project on approximately 4-acre site with a leasing office/community room. Two parcels will be merged together.	3.29	111	2.7	23976	1	20	23996
36	Porter Street Housing	961 Porter Street APN: 0061-160-180	Density Bonus Project: adding an additional 122 units to an existing apartment complex. 20 percent of the units will be far below income level. Request of nine waivers and one concession.	12.46	122	2.7	26352	-	-	26352
37	Vista Cove	NE corner Shady Ln and Wildflower St. APN: 0079-171-170	Small lot subdivision to develop 51 single-family dwelling units.	16.10	51	-	10520	-	-	10520 <sup>(j)</sup>
38	168 Market Grocery with Alcohol Sales	765 Sereno Drive	New Grocery Use at existing approximately 29,000 square foot vacant commercial building, with off-sale general alcohol sales	2.49	-	-	-	10 <sup>(e)</sup>	200	200
39	Mixed-Use Development	600 Cherry Street	SB35/Density Bonus Project consists of a mixed-used development for a 3,000 square-foot grocery store/community space and commercial kitchen. Nine- income restricted units	0.23	9	2.7	1944	7 <sup>(e)</sup>	140	2084
40	SB-9 Lot Split	902 Kentucky Street (APN: 0056-114-200)	SB9 application. The project consists of subdividing an existing 6,500 square-foot lot into two 3,189 square-foot lots. Each lot will a two-story duplex, for a total of four units. Unit A and C will have a total area of 1,490 square feet and an attached two-car garage and Unit B and D will have a total building area of 1,070 square feet and an attached one car garage.	0.17	4	2.7	864	-	-	864
41	Gas Station and Convenience Store	APN: 0071-142-510	Preliminary review for a new Gas Station and convenience store on a vacant site on Georgia Street	1.31	-	-	-	3 <sup>(e, i)</sup>	60	1140
42	Gas Station and convenience Store and Restaurant with Drive through	709-711 Admiral Callaghan Lane	Preliminary Review for a New Gas Station and convenience store and restaurant with a drive-through	2.86	-	-	-	8 <sup>(e, i)</sup>	160	1240
43	SB330 application	201 Rollingwood Drive	SB330 preliminary review application for 130 detached single family residences	17.24	130	2.7	28080	-	-	28080
44	Preliminary Review 167 single-family residences	Swanzy Dam Road APN: 0075-140-190	Preliminary Review for 167 detached single-family residences	17.43	167	2.7	36072	-	-	36072
<b>Specific Plan Areas</b>										
45 <sup>(k)</sup>	Waterfront Market			110.00	1090	2.7	235440	-	15482 <sup>(h)</sup>	250922
46 <sup>(l)</sup>	Downtown			-	-	-	-	-	-	0
47 <sup>(l)</sup>	Sonoma Boulevard			-	-	-	-	-	-	0
48 <sup>(l)</sup>	White Slough			-	-	-	-	-	-	0
49 <sup>(m)</sup>	Solano 360			149.10	500	-	148000	-	22612	170612
50 <sup>(l)</sup>	Northgate			-	-	-	-	-	-	0
51	Hiddenbrooke			1339.00	1551	2.7	335016	-	35640 <sup>(h, n)</sup>	370656
52	Mare Island			-	-	-	-	-	-	128793 <sup>(o)</sup>
<b>Vacant Infill</b>										
53	Vacant parcels within the Sears Point sewershed excluding Value List projects and Specific Plan areas <sup>(p)</sup>			110.94	1889	2.7	408006	-	23971	431977
	Vacant parcels outside the Sears Point sewershed excluding Value List projects and Specific Plan areas <sup>(p)</sup>			303.24	3120	2.7	673832	-	60853	734685
<b>Accessory Dwelling Units</b>										
54	Buildout sewer flows from ADUs within the Sears Point sewershed allocated evenly to existing residential sewer flows			-	1204	2.7	260064	-	-	260064
	Buildout sewer flows from ADUs outside the Sears Point sewershed allocated evenly to existing residential sewer flows			-	1574	2.7	339984	-	-	339984
<b>TOTALS</b>										
<b>TOTALS</b>	<b>Totals within the Sears Point sewershed</b>			<b>1870</b>	<b>7526</b>	<b>--</b>	<b>1618327</b>	<b>288</b>	<b>106296</b>	<b>1728193</b>
	<b>Totals outside the Sears Point sewershed</b>			<b>2452</b>	<b>12981</b>	<b>--</b>	<b>1044948</b>	<b>89</b>	<b>76655</b>	<b>1639674</b>
	<b>Combined Buildout Totals</b>			<b>4322</b>	<b>20506</b>	<b>--</b>	<b>2663275</b>	<b>377</b>	<b>182951</b>	<b>3367867</b>
<p>NOTES:</p> <p>(a) Dwelling unit densities for this project are strictly limited to 1 person per dwelling unit, which is a deviation from the VFWD Design Standard of 2.7 persons per dwelling unit.</p> <p>(b) The average dry weather flow estimate for this Project was provided in the Chick-fil-A Civil Design Standard.</p> <p>(c) The total additional ADUs was assumed to equal the occupant load limit of 150 persons with a density of 1 person per dwelling unit.</p> <p>(d) A wastewater generation factor of 15 gpcd was used for schools lacking shower rooms and a production kitchen.</p> <p>(e) Employee count is assumed based on similar developments and is subject to change.</p> <p>(f) This Project appears to be a duplicate of Project #16. However, a facade replacement does not generate additional wastewater flow.</p> <p>(g) Commercial ADWFs for Fairview at Northgate were determined in the Cooke Property Sewer Evaluation TM prepared by West Yost on May 10, 2019.</p> <p>(h) A commercial flow factor of 1,200 gpd/acre was used in place of employee count.</p> <p>(i) Includes customer water use of 1,080 gpd.</p> <p>(j) ADWFs for Vista Cove were determined in the Shady Lane Design Flow Memorandum prepared by Shaaf &amp; Wheeler on September 13, 2023.</p> <p>(k) Sewer flow estimates for Waterfront market were established through review of the frequently asked questions (FAQ) document provided by VFWD.</p> <p>(l) Specific Plan area is indicated as currently built out in the VFWD Sanitary Sewer Collection System Master Plan and therefore, will contribute no additional flows at buildout.</p> <p>(m) Sewer flow estimates for Solano 360 were established through review of planning documents and supplemented with VFWD correspondence.</p> <p>(n) A total area of 29.7 acres was used to account for the total commercial/recreational area not associated with the planned golf course, as specified in the Hiddenbrooke Specific Plan summary of land uses obtained by VFWD.</p> <p>(o) ADWFs for Mare Island were calculated using 2021 winter water consumption data and an assumed return to sewer ratio of 1. ADWFs for Mare Island are subject to change as development of the Mare Island Infrastructure Assessment progresses.</p> <p>(p) See TM for process explaining ADWF calculations for vacant infill using the city of Vallejo 2040 General Plan.</p>										
<p>Rows Highlighted blue indicate developments located within the Sears Point sewershed.</p>										

**Table 2. Sears Point Sewershed Buildout Flows**

<b>Buildout Flow Source</b>	<b>Total Additional ADWF, mgd</b>	<b>ADWF within Sears Point Sewershed, mgd</b>	<b>Percent within Sears Point Sewershed</b>
Tentative Value List Projects	0.68	0.49	73%
Specific Plan Areas	0.92	0.54	59%
Vacant Infill	1.17	0.43	37%
Accessory Dwelling Units	0.60	0.26	43%
<b>TOTALS</b>	<b>3.37</b>	<b>1.73</b>	<b>51%</b>

**Table 3. Flow Monitoring Basin I/I Reduction Summary**

Flow Monitoring Basin ID	SSCSMP I/I Response Ranking	Buildout Peak I/I Rate, mgd	Rehabbed Peak I/I Rate, mgd	Reduction in Peak I/I Rate, mgd	Percent Reduction
7A	1	0.77	0.49	0.28	36%
7B	2	1.16	0.75	0.41	35%
7C	11	1.49	0.95	0.54	36%
10A	14	2.95	1.87	1.08	36%
<b>TOTALS</b>	--	<b>6.36</b>	<b>4.07</b>	<b>2.29</b>	<b>36%</b>

**Table 4. Modeled Austin Creek SSO Summary**

RG ID	Land Use	Sewer Facilities	WSE in SPSF, feet	SSO to Austin Creek, MG	Upstream SSO, MG	Total Overflow Volume, MG
1	Existing	Existing	3.90	--	3.68	3.68
2	Buildout	Existing	4.30	0.42	4.57	4.99
3	Buildout	Rehabbed	4.30	--	2.12	2.12

**Table 5. Projected Sewer Rehab Performance and Projected Rehab Costs**

Flow Component	Unit	Flow Monitoring Basin ID				Totals
		7A	7B	7C	10A	
<b>Buildout Hydraulic Model Performance</b>						
Buildout PWWF	MGD	0.97	1.41	1.93	4.24	8.56
Buildout Peak Sanitary Flow	MGD	0.20	0.26	0.45	1.29	2.20
Peak Buildout I/I Rate	MGD	0.77	1.16	1.49	2.95	6.36
<b>Rehabbed Hydraulic Model Performance</b>						
Rehabbed PWWF	MGD	0.69	1.01	1.40	3.17	6.27
Peak Rehabbed I/I Rate	MGD	0.49	0.75	0.95	1.87	4.07
Peak I/I Reduction	MGD	0.28	0.41	0.54	1.08	2.29
Percent I/I Reduction	%	36%	35%	36%	36%	36%
Degradation Scaling Factor	unitless	2.00				
Long-Term Peak I/I Reduction	MGD	0.14	0.20	0.27	0.54	1.15
<b>Rehab Cost to Achieve Peak Flow Reduction</b>						
Area per Flow Monitoring Basin	acre	71	101	85	424	681.51
Total Length of Pipe	ft	13,496	17,150	15,242	79,139	125,027
Assumed Rehabbed Length of Pipe	ft	6,748	8,575	7,621	39,570	62,514
Rehab Unit Cost	\$/ft	300				
Rehab Cost	\$	2,024,340	2,572,515	2,286,300	11,870,895	18,754,050

## Attachment A

### Vacant Infill Summary

Table A-1. Vacant Infill Summary

APN	General Plan Land Use	Land Use Remark	Within Sears Point Sewershed?	Area, acres	Modeled Subcatchment ID	Modeled Node ID	ADWF, mgd
51020250	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.29	C-301929	301929	0.0019
51020470	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.57	C-301034	301034	0.0037
51020480	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.26	C-301034	301034	0.0017
51040290	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.33	C-301911	301911	0.0022
51040400	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.38		301060	0.0024
51060180	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.13	C-301039	301039	0.0014
51080440	Central Corridor	VACANT COMMERCIAL LAND	X	0.58	C-301234	301234	0.0063
51112030	Primarily Single Family	VACANT RESIDENTIAL LAND		0.10	C-301223	301223	0.0003
51141210	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.13	C-301225	301225	0.0003
51142150	Primarily Single Family	VACANT RESIDENTIAL LAND		0.12	C-301225	301225	0.0003
51142210	Primarily Single Family	VACANT RESIDENTIAL LAND		0.09	C-301590	301590	0.0002
51142230	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.10	C-301590	301590	0.0003
51163110	Primarily Single Family	VACANT RESIDENTIAL LAND		0.16	C-301292	301292	0.0004
51163120	Primarily Single Family	VACANT RESIDENTIAL LAND		0.16	C-301292	301292	0.0004
51163140	Primarily Single Family	VACANT RESIDENTIAL LAND		0.13	C-301363	301363	0.0003
51171230	Primarily Single Family	VACANT RESIDENTIAL LAND		0.14	C-301363	301363	0.0004
51171250	Primarily Single Family	VACANT RESIDENTIAL LAND		0.09	C-301363	301363	0.0002
51171280	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.15	C-301363	301363	0.0004
51171340	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.09	C-301363	301363	0.0002
51173640	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.17	C-301577	301577	0.0004
51173650	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.23	C-301577	301577	0.0006
51173700	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.35	C-301345	301345	0.0009
51173720	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.38	C-301306	301306	0.0010
51173730	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.18	C-301306	301306	0.0005
51173740	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.17	C-301306	301306	0.0004
51173750	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.21	C-301306	301306	0.0006
51173760	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19	C-301306	301306	0.0005
51173770	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.17	C-301306	301306	0.0004
51173810	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.34	C-301345	301345	0.0009
51181150	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	0.70		301270	0.0038
51182290	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.16	C-301315PLUG	301315PLUG	0.0004
51183030	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.18	C-301320	301320	0.0005
51184010	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.18	C-301981	301981	0.0005
51184020	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.20	C-301981	301981	0.0005
51190050	Central Corridor	VACANT RESIDENTIAL LAND < 1 AC	X	0.11	C-301322	301322	0.0012
51190060	Central Corridor	VACANT RESIDENTIAL LAND	X	0.11	C-301322	301322	0.0012
51190070	Central Corridor	VACANT RESIDENTIAL LAND < 1 AC	X	0.14	C-301322	301322	0.0016
51190080		VACANT RESIDENTIAL LAND	X	0.10	C-301322	301322	0.0003
51190090	Central Corridor	VACANT RESIDENTIAL LAND < 1 AC	X	0.14	C-301322	301322	0.0015
51190130	Central Corridor	VACANT RESIDENTIAL LAND < 1 AC	X	0.31	C-301322	301322	0.0034
51190160	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC	X	0.06	C-301322	301322	0.0003
51190180	Central Corridor	VACANT MULTIPLE RES. LAND	X	0.55	C-301322	301322	0.0060
51190190	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	0.11	C-301356	301356	0.0006
51190250	Mix of Housing Types	VACANT RESIDENTIAL LAND	X	0.13	C-301356	301356	0.0007
51190330	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.10	C-301983	301983	0.0011
51190400	Central Corridor	VACANT RESIDENTIAL LAND	X	0.18	C-301322	301322	0.0019
51202210	Primarily Single Family	VACANT RESIDENTIAL LAND		0.12	C-301605	301605	0.0003
51203190	Primarily Single Family	VACANT RESIDENTIAL LAND		0.16	C-301363	301363	0.0004
51212210	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.20	C-301363	301363	0.0005
51221030	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.21	C-301350	301350	0.0005
51221510	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.33	C-301379	301379	0.0009
51232140	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.16	C-301525	301525	0.0004
51233230	Primarily Single Family	VACANT MULTIPLE RES. LAND	X	0.22	C-301382	301382	0.0006
51233240	Primarily Single Family	VACANT MULTIPLE RES. LAND	X	0.25	C-301382	301382	0.0006
51234290	Central Corridor	VACANT RESIDENTIAL LAND < 1 AC	X	0.17	C-301965	301965	0.0018
51234340	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC	X	0.18	C-301965	301965	0.0010
51234370	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.16	C-301382	301382	0.0004
51234380	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.12	C-301385	301385	0.0003
51250150	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	0.96	C-103087	103087	0.0012
51250230	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	0.52	C-103062	103062	0.0028
51250300	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	0.71	C-103087	103087	0.0009
51250460	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.82	C-103110	103110	0.0088
51370110	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.18	C-301378	301378	0.0005
51370240	Primarily Single Family	VACANT RESIDENTIAL LAND		0.18	C-301391	301391	0.0005
51370290	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.19	C-301391	301391	0.0005
51380190	Primarily Single Family	VACANT RESIDENTIAL LAND		0.13	C-301363	301363	0.0003
51380200	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.15	C-301363	301363	0.0004
51380230	Primarily Single Family	VACANT RESIDENTIAL LAND		0.19	C-301363	301363	0.0005
51380270	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.11	C-301363	301363	0.0003
52021360	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	0.68	C-104518	104518	0.0008
52040070	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	0.39	C-104040	104040	0.0005
52040100	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	0.04	C-104076	104076	0.0000
52040320	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	1.15	C-104076	104076	0.0014
52040330	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	0.81	C-104076	104076	0.0010
52040340	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	0.19	C-104076	104076	0.0002
52040440	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	0.13	C-104025	104025	0.0002
52040510	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	0.23	C-104076	104076	0.0003
52040550	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	0.21	C-104076	104076	0.0002
52052260	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.10	C-104146	104146	0.0011
52052270	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.10	C-104146	104146	0.0010
52052290	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.09	C-104146	104146	0.0010
52052390	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.10	C-104146	104146	0.0011
52080030	Business/ Limited Residential	VACANT RESIDENTIAL LAND < 1 AC	X	0.20	C-104025	104025	0.0022
52080120	Business/ Limited Residential	VACANT INDUSTRIAL LAND	X	0.10	C-104116	104116	0.0011
52080140	Business/ Limited Residential	VACANT RESIDENTIAL LAND	X	0.05	C-104025	104025	0.0005
52080190	Business/ Limited Residential	VACANT INDUSTRIAL LAND	X	1.06	C-104176	104176	0.0115
52080410	Business/ Limited Residential	VACANT MULTIPLE RES. LAND	X	0.48	C-103064	103064	0.0052
52080450	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.45	C-103049	103049	0.0049
52080480	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.67	C-104025	104025	0.0072
52102120	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	0.32	C-104184	104184	0.0017
52102130	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	0.02	C-104214	104214	0.0001
52102140	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	0.08	C-104214	104214	0.0004
52110140	Business/ Limited Residential	VACANT MULTIPLE RES. LAND	X	0.94	C-104209	104209	0.0102

Table A-1. Vacant Infill Summary

APN	General Plan Land Use	Land Use Remark	Within Sears Point Sewershed?	Area, acres	Modeled Subcatchment ID	Modeled Node ID	ADWF, mgd
52121230	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.13	C-104220	104220	0.0003
52143060	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.11	C-104300	104300	0.0003
52143210	Primarily Single Family	VACANT COMMERCIAL LAND	X	0.93	C-104300	104300	0.0024
52143220	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.13	C-104300	104300	0.0003
52145160	Primarily Single Family	VACANT MULTIPLE RES. LAND	X	0.23	C-104300	104300	0.0006
52172010	Neighborhood Corridor	VACANT INDUSTRIAL LAND	X	0.05	C-104299	104299	0.0003
52172040	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.28	C-104531	104531	0.0018
52172090	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.14	C-104352	104352	0.0009
52172140	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.36	C-104970E	104970E	0.0023
52282350	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	1.38	C-401938	401938	0.0074
52303230	Primarily Multi-Family	VACANT MULTIPLE RES. LAND	X	0.54	C-203125	203125	0.0047
52320360	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.15	C-203138	203138	0.0016
52330180	Public Facilities and Institutions	VACANT COMMERCIAL LAND	X	0.35	C-104335	104335	0.0004
52421110	Primarily Single Family	VACANT RESIDENTIAL LAND	X	2.28	C-104104	104104	0.0059
52421120	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.63	C-104033	104033	0.0016
53021100	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.60	C-104483	104483	0.0039
53022130	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.39	C-302004	302004	0.0025
53022270	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.38	C-302255	302255	0.0025
53023130	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.49	C-104494	104494	0.0032
53023180	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.51	C-302036	302036	0.0033
53023200	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	1.11	C-302004	302004	0.0072
53042200	Public Facilities and Institutions	VACANT COMMERCIAL LAND	X	2.30	C-104361	104361	0.0028
53042210	Primarily Single Family	VACANT COMMERCIAL LAND	X	0.22	C-302168	302168	0.0006
53042300	Primarily Single Family	VACANT COMMERCIAL LAND	X	0.21	C-302168	302168	0.0005
53042320	Primarily Single Family	VACANT COMMERCIAL LAND	X	0.35	C-302168	302168	0.0009
53042330	Primarily Single Family	VACANT COMMERCIAL LAND	X	0.41	C-302168	302168	0.0011
53092310	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.12	C-302183	302183	0.0008
53092400	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	2.39	C-302068	302068	0.0155
53152240	Central Corridor	VACANT INDUSTRIAL LAND	X	0.85	C-302947	302947	0.0092
53152250	Central Corridor	VACANT INDUSTRIAL LAND	X	0.65	C-302947	302947	0.0071
53153050	Central Corridor	VACANT INDUSTRIAL LAND	X	0.26	C-302335	302335	0.0028
53161010	Business/ Light Industrial	VACANT COMMERCIAL LAND	X	0.75	C-302186	302186	0.0009
53162170	Neighborhood Corridor	VACANT INDUSTRIAL LAND	X	0.17	C-302987	302987	0.0011
53180610	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.30	C-302205	302205	0.0008
53200460	Retail/ Entertainment	VACANT COMMERCIAL LAND	X	1.26	C-302160	302160	0.0015
53200660	Retail/ Entertainment	VACANT COMMERCIAL LAND	X	0.81	C-401968	401968	0.0010
53200690	Retail/ Entertainment	VACANT COMMERCIAL LAND	X	0.39	C-401968	401968	0.0005
53200830	Retail/ Entertainment	VACANT COMMERCIAL LAND	X	1.07	C-302160	302160	0.0013
54011360	Business/ Light Industrial	VACANT COMMERCIAL LAND	X	0.21	C-302336	302336	0.0003
54011420	Business/ Light Industrial	VACANT COMMERCIAL LAND	X	0.09	C-302773	302773	0.0001
54011430	Business/ Light Industrial	VACANT COMMERCIAL LAND	X	0.08	C-302773	302773	0.0001
54011500	Business/ Light Industrial	VACANT COMMERCIAL LAND	X	0.19	C-302336	302336	0.0002
54011510	Business/ Light Industrial	VACANT COMMERCIAL LAND	X	0.14	C-302336	302336	0.0002
54011520	Business/ Light Industrial	VACANT COMMERCIAL LAND	X	0.15	C-302336	302336	0.0002
54011530	Business/ Light Industrial	VACANT COMMERCIAL LAND	X	0.12	C-302336	302336	0.0001
54031180	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.18	C-302288	302288	0.0005
54047500	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.17	C-302403	302403	0.0004
54051090	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.16	C-302589	302589	0.0004
54052350	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.18	C-302589	302589	0.0005
54092190	Primarily Single Family	VACANT MULTIPLE RES. LAND		0.19	C-401235	401235	0.0005
54102190	Mix of Housing Types	VACANT COMMERCIAL LAND	X	0.15	C-302543	302543	0.0008
54102210	Mix of Housing Types	VACANT COMMERCIAL LAND	X	0.12	C-302993	302993	0.0006
54104160	Public Facilities and Institutions	VACANT COMMERCIAL LAND	X	0.33	C-302441	302441	0.0004
54104170	Public Facilities and Institutions	VACANT COMMERCIAL LAND	X	0.32	C-302441	302441	0.0004
54104180	Public Facilities and Institutions	VACANT COMMERCIAL LAND	X	0.54	C-302441	302441	0.0006
54110070	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.25	C-302618PLUG-B	302618PLUG	0.0016
54171100	Central Corridor	VACANT INDUSTRIAL LAND	X	0.16	C-302581	302581	0.0018
54171170	Central Corridor	VACANT INDUSTRIAL LAND	X	0.25	C-302776	302776	0.0027
54172280	Central Corridor	VACANT COMMERCIAL LAND	X	0.20	C-302542PLUG	302542PLUG	0.0021
54173260	Business/ Limited Residential	VACANT INDUSTRIAL LAND	X	0.10	C-302530	302530	0.0011
54183080	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC	X	0.15	C-302618PLUG-B	302618PLUG	0.0008
54185020	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC	X	0.14	C-302618PLUG-B	302618PLUG	0.0008
54185030	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.15	C-302618PLUG-B	302618PLUG	0.0010
54192220	Primarily Single Family	VACANT RESIDENTIAL LAND		0.58	C-302625	302625	0.0015
54192360	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.31	C-302625	302625	0.0008
55031090	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.22	C-301428	301428	0.0012
55031110	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.16	C-301428	301428	0.0009
55031200	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.21	C-301406	301406	0.0006
55031620	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.18	C-301439	301439	0.0005
55031640	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.18	C-301428	301428	0.0005
55031650	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.14	C-301428	301428	0.0004
55031680	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.12	C-301391	301391	0.0007
55031690	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.13	C-301391	301391	0.0007
55051050	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.26	C-301434	301434	0.0017
55061190	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.18	C-301494	301494	0.0012
55061240	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.23	C-301494	301494	0.0015
55062070	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.10	C-301500	301500	0.0007
55062110	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.15	C-301500	301500	0.0010
55062120	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.22	C-301500	301500	0.0014
55063200	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.34	C-301494	301494	0.0022
55064110	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.17	C-301501	301501	0.0011
55064120	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.16	C-301501	301501	0.0011
55064130	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.17	C-301501	301501	0.0011
55065090	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.09	C-301501	301501	0.0006
55074140	Business/ Limited Residential	VACANT COMMERCIAL LAND		0.53	C-303028	303028	0.0057
55084160	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.18	C-303064	303064	0.0005
55091090	Business/ Limited Residential	VACANT MULTIPLE RES. LAND		0.08	C-303074	303074	0.0009
55091160	Business/ Limited Residential	VACANT COMMERCIAL LAND		0.17	C-303074	303074	0.0019
55091170	Business/ Limited Residential	VACANT COMMERCIAL LAND		0.21	C-303074	303074	0.0022
55091180	Business/ Limited Residential	VACANT COMMERCIAL LAND		0.17	C-303074	303074	0.0018
55092150	Business/ Limited Residential	VACANT MULTIPLE RES. LAND		0.18	C-303080	303080	0.0020
55094010	Primarily Single Family	VACANT RESIDENTIAL LAND		0.20	C-303080	303080	0.0005
55094150	Primarily Single Family	VACANT RESIDENTIAL LAND		0.14	C-303080	303080	0.0004

Table A-1. Vacant Infill Summary

APN	General Plan Land Use	Land Use Remark	Within Sears Point Sewershed?	Area, acres	Modeled Subcatchment ID	Modeled Node ID	ADWF, mgd
55101250	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.08	C-303059	303059	0.0002
55102140	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.16	C-303080	303080	0.0004
55104180	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.17	C-303080	303080	0.0004
55104270	Primarily Single Family	VACANT RESIDENTIAL LAND		0.13	C-303080	303080	0.0003
55121120	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.09	C-303111	303111	0.0002
55121140	Primarily Single Family	VACANT RESIDENTIAL LAND		0.16	C-303111	303111	0.0004
55123080	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.13	C-303117	303117	0.0003
55123190	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.12	C-303117	303117	0.0006
55126260	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.12	C-303142	303142	0.0006
56011060	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.14	C-301421	301421	0.0004
56015090	Central Corridor	VACANT COMMERCIAL LAND	X	0.06	C-301422	301422	0.0007
56015100	Central Corridor	VACANT COMMERCIAL LAND	X	0.04	C-301422	301422	0.0005
56016230	Central Corridor	VACANT COMMERCIAL LAND	X	0.36	C-301452	301452	0.0039
56017170	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	0.20	C-302800	302800	0.0011
56017260	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.14	C-302600	302600	0.0016
56017270	Business/ Limited Residential	VACANT INDUSTRIAL LAND	X	0.18	C-302600	302600	0.0019
56017280	Business/ Limited Residential	VACANT INDUSTRIAL LAND	X	0.17	C-302600	302600	0.0019
56017290	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.17	C-302600	302600	0.0018
56018030	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	0.18	C-302800	302800	0.0010
56018040	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	0.15	C-302800	302800	0.0008
56021350	Mix of Housing Types	VACANT COMMERCIAL LAND	X	0.41	C-302619	302619	0.0022
56022160	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	0.16	C-302928	302928	0.0009
56024030	Mix of Housing Types	VACANT INDUSTRIAL LAND	X	0.16	C-302666	302666	0.0009
56024040	Mix of Housing Types	VACANT INDUSTRIAL LAND	X	0.17	C-302666	302666	0.0009
56024050	Mix of Housing Types	VACANT INDUSTRIAL LAND	X	0.20	C-302668	302668	0.0011
56024060	Mix of Housing Types	VACANT INDUSTRIAL LAND	X	0.16	C-302668	302668	0.0009
56024070	Mix of Housing Types	VACANT INDUSTRIAL LAND	X	0.14	C-302668	302668	0.0008
56024080	Mix of Housing Types	VACANT INDUSTRIAL LAND	X	0.34	C-302664	302664	0.0018
56024090	Mix of Housing Types	VACANT INDUSTRIAL LAND	X	0.15	C-302664	302664	0.0008
56026120	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.13	C-302675	302675	0.0008
56026130	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.35	C-302675	302675	0.0023
56041150	Mix of Housing Types	VACANT RESIDENTIAL LAND	X	0.12	C-301502	301502	0.0006
56042130	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.12	C-301501	301501	0.0008
56042140	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.12	C-301501	301501	0.0008
56044160	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.15	C-303960	303960	0.0010
56045010	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	0.12	C-302660	302660	0.0006
56045190	Central Corridor	VACANT COMMERCIAL LAND	X	0.06	C-302703	302703	0.0007
56051060	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC	X	0.10	C-302662	302662	0.0005
56052180	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.13	C-304628	304628	0.0008
56052190	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.14	C-304628	304628	0.0009
56052200	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.14	C-304628	304628	0.0009
56052220	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.15	C-304628	304628	0.0010
56052230	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.06	C-304628	304628	0.0004
56054140	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.09	C-304628	304628	0.0006
56055050	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.10	C-302708	302708	0.0007
56055060	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.54	C-302740	302740	0.0035
56055090	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.13	C-302931	302931	0.0009
56063140	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.20	C-302749	302749	0.0005
56063150	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.14	C-302749	302749	0.0004
56064120	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.16	C-302753	302753	0.0010
56064160	Primarily Single Family	VACANT MULTIPLE RES. LAND	X	0.17	C-302714	302714	0.0004
56071240	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.11	C-301501	301501	0.0007
56082190	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.13	C-304056	304056	0.0003
56083070	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.34	C-304628	304628	0.0022
56085090	Primarily Single Family	VACANT COMMERCIAL LAND	X	0.36	C-304034	304034	0.0009
56091200	Mix of Housing Types	VACANT COMMERCIAL LAND	X	0.10	C-304034	304034	0.0006
56091220	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.10	C-304034	304034	0.0007
56091230	Neighborhood Corridor	VACANT COMMERCIAL LAND	X	0.13	C-304034	304034	0.0009
56091280	Mix of Housing Types	VACANT COMMERCIAL LAND	X	0.16	C-304035	304035	0.0009
56092080	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	0.30	C-304064	304064	0.0016
56093070	Mix of Housing Types	VACANT COMMERCIAL LAND		0.29	C-304039	304039	0.0016
56095020	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.26	C-302753	302753	0.0017
56095080	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.20	C-302753	302753	0.0013
56095090	Mix of Housing Types	VACANT COMMERCIAL LAND		0.16	C-304039	304039	0.0009
56102200	Primarily Single Family	VACANT RESIDENTIAL LAND		0.11	C-303068	303068	0.0003
56111130	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.12	C-304089	304089	0.0003
56112070	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.15	C-304091	304091	0.0004
56121110	Mix of Housing Types	VACANT RESIDENTIAL LAND	X	0.19	C-304064	304064	0.0010
56121120	Mix of Housing Types	VACANT MULTIPLE RES. LAND	X	0.15	C-304064	304064	0.0008
56132020	Primarily Single Family	VACANT MULTIPLE RES. LAND		0.16	C-303989	303989	0.0004
56132030	Primarily Single Family	VACANT MULTIPLE RES. LAND		0.14	C-303989	303989	0.0004
56132040	Primarily Single Family	VACANT MULTIPLE RES. LAND		0.14	C-303989	303989	0.0004
56133160	Mix of Housing Types	VACANT COMMERCIAL LAND		0.10	C-303106	303106	0.0005
56134140	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.11	C-303129	303129	0.0007
56134150	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.15	C-303129	303129	0.0010
56136130	Central Corridor	VACANT COMMERCIAL LAND	X	0.04	C-304185	304185	0.0005
56144120	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.11	C-304161	304161	0.0003
56145140	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.17	C-304161	304161	0.0004
56145210	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.07	C-304161	304161	0.0002
56151180	Primarily Single Family	VACANT COMMERCIAL LAND	X	0.31	C-304163	304163	0.0008
56152040	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.15	C-304906	304906	0.0004
56155180	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.11	C-304946	304946	0.0012
56155320	Business/ Limited Residential	VACANT COMMERCIAL LAND	X	0.38	C-304117	304117	0.0041
56162040	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.18	C-303149	303149	0.0000
56162050	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.15	C-303149	303149	0.0000
56162160	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.06	C-303158	303158	0.0000
56163020	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.07	C-303129	303129	0.0005
56163030	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.11	C-303129	303129	0.0007
56163040	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.18	C-303129	303129	0.0011
56163100	Neighborhood Corridor	VACANT MULTIPLE RES. LAND		0.15	C-304228	304228	0.0010
56163130	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.17	C-304228	304228	0.0011
56163180	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.38	C-303991	303991	0.0025
56164050	Central Corridor	VACANT COMMERCIAL LAND		0.14	C-303179	303179	0.0015

Table A-1. Vacant Infill Summary

APN	General Plan Land Use	Land Use Remark	Within Sears Point Sewershed?	Area, acres	Modeled Subcatchment ID	Modeled Node ID	ADWF, mgd
56164080	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.22	C-303179	303179	0.0000
56191150	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.08	C-303178	303178	0.0000
56191160	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.06	C-303178	303178	0.0000
56193040	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.17	C-303178	303178	0.0000
56193200	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.09	C-303178	303178	0.0000
56195070	Mix of Housing Types	VACANT COMMERCIAL LAND		0.22	C-304277	304277	0.0012
56196040	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.16	C-304339	304339	0.0000
56196140	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.09	C-304987	304987	0.0000
56201130	Primarily Single Family	VACANT RESIDENTIAL LAND		0.11	C-304310	304310	0.0003
56202030	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.12	C-304339	304339	0.0003
56206070	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.08	C-304315	304315	0.0002
56213090	Business/ Limited Residential	VACANT COMMERCIAL LAND		0.13	C-304315	304315	0.0014
56214070	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.18	C-304315	304315	0.0005
56223060	District - Downtown/Waterfront	VACANT INDUSTRIAL LAND		0.14	C-304391	304391	0.0000
56223090	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.20	C-304391	304391	0.0000
56223100	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.12	C-304391	304391	0.0000
56224030	District - Downtown/Waterfront	VACANT INDUSTRIAL LAND		0.10	C-304413	304413	0.0000
56225180	Central Corridor	VACANT COMMERCIAL LAND		0.16	C-304394	304394	0.0017
56226060	Central Corridor	VACANT INDUSTRIAL LAND		0.30	C-304394	304394	0.0032
56226070	Central Corridor	VACANT INDUSTRIAL LAND		0.11	C-304394	304394	0.0012
56226110	Central Corridor	VACANT INDUSTRIAL LAND		0.54	C-304394	304394	0.0059
56232140	District - Downtown/Waterfront	VACANT RESIDENTIAL LAND		0.10	C-304416	304416	0.0000
56232160	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.18	C-304416	304416	0.0000
56232170	District - Downtown/Waterfront	VACANT INDUSTRIAL LAND		0.14	C-304416	304416	0.0000
56232190	District - Downtown/Waterfront	VACANT INDUSTRIAL LAND		0.15	C-304416	304416	0.0000
56241180	Primarily Single Family	VACANT MULTIPLE RES. LAND		0.09	C-304930J	304930J	0.0002
56244090	Neighborhood Corridor	VACANT INDUSTRIAL LAND		0.42	C-304928	304928	0.0027
57051210	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.10	C-302729	302729	0.0002
57071130	Primarily Single Family	VACANT COMMERCIAL LAND		0.11	C-302753	302753	0.0003
57081110	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.17	C-304537	304537	0.0011
57082150	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.17	C-304049	304049	0.0011
57082210	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.24	C-304049	304049	0.0016
57102290	Business/ Limited Residential	VACANT COMMERCIAL LAND		0.10	C-304880	304880	0.0010
57103250	Primarily Single Family	VACANT RESIDENTIAL LAND		0.13	C-304079	304079	0.0003
57104380	Primarily Single Family	VACANT COMMERCIAL LAND		0.29	C-304079	304079	0.0007
57111210	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.19	C-304084	304084	0.0012
57112030	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.05	C-304879	304879	0.0003
57122030	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.19	C-304129	304129	0.0010
57140020	Public Facilities and Institutions	VACANT RESIDENTIAL LAND		0.19	C-304242	304242	0.0002
57141050	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.11	C-304175	304175	0.0007
57141130	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.11	C-304175	304175	0.0003
57141140	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.13	C-304175	304175	0.0003
57144140	Primarily Single Family	VACANT COMMERCIAL LAND		0.06	C-304175	304175	0.0002
57146090	Mix of Housing Types	VACANT COMMERCIAL LAND		0.14	C-304175	304175	0.0008
57151290	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.13	C-304152PLUG	304152PLUG	0.0009
57152020	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.16	C-304217	304217	0.0010
57152110	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.18	C-304217	304217	0.0010
57155080	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.24	C-304152PLUG	304152PLUG	0.0013
57156070	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.16	C-304545	304545	0.0011
57161140	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.15	C-304240	304240	0.0004
57164150	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.13	C-304211	304211	0.0007
57171040	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.18	C-304251	304251	0.0010
57171060	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.34	C-304251	304251	0.0018
57171170	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.20	C-304251	304251	0.0013
57171280	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.23	C-304251	304251	0.0012
57171350	Mix of Housing Types	VACANT COMMERCIAL LAND		0.17	C-304251	304251	0.0009
57174010	Mix of Housing Types	VACANT COMMERCIAL LAND		0.18	C-304255	304255	0.0010
57174080	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.15	C-304272	304272	0.0008
57175270	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.20	C-304221	304221	0.0011
57182010	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.12	C-304269	304269	0.0008
57182020	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.10	C-304269	304269	0.0007
57183020	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.16	C-304269	304269	0.0010
57183200	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.19	C-304269	304269	0.0012
57183250	Business/ Limited Residential	VACANT COMMERCIAL LAND		0.06	C-304269	304269	0.0007
57191010	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.26	C-304225	304225	0.0017
57191230	Mix of Housing Types	VACANT COMMERCIAL LAND		0.17	C-304221	304221	0.0009
57191270	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.17	C-304221	304221	0.0009
57192070	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.07	C-304256	304256	0.0004
57193020	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.17	C-403292	403292	0.0011
57193030	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.16	C-403292	403292	0.0009
57193050	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.17	C-403292	403292	0.0009
57194030	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.11	C-403292	403292	0.0006
57215170	Mix of Housing Types	VACANT COMMERCIAL LAND		0.17	C-403978	403978	0.0009
58021050	District - Downtown/Waterfront	VACANT MULTIPLE RES. LAND		0.14	C-303973E	303973E	0.0000
58021120	Central Corridor	VACANT INDUSTRIAL LAND		0.50	C-303973E	303973E	0.0054
58022060	District - Downtown/Waterfront	VACANT RESIDENTIAL LAND		0.15	C-304416	304416	0.0000
58022070	District - Downtown/Waterfront	VACANT COMMERCIAL LAND		0.37	C-304416	304416	0.0000
58032070	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.08	C-304420	304420	0.0004
58032080	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.07	C-304420	304420	0.0004
58032150	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.10	C-304450E	304450E	0.0005
58032160	Business/ Limited Residential	VACANT MULTIPLE RES. LAND		0.05	C-304450E	304450E	0.0005
58032200	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.15	C-304420	304420	0.0008
58032220	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.05	C-304450E	304450E	0.0003
58032260	Business/ Limited Residential	VACANT COMMERCIAL LAND		0.66	C-304450E	304450E	0.0071
58034020	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.27	C-304471	304471	0.0003
58034030	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.15	C-304471	304471	0.0002
58034100	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.15	C-304470	304470	0.0002
58060410	Business/ Light Industrial	VACANT INDUSTRIAL LAND		3.28	C-304492	304492	0.0039
58071260	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.14	C-502033	502033	0.0002
58071350	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.63	C-502033	502033	0.0008
58080020	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.08	C-502007	502007	0.0001
58080030	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.10	C-502007	502007	0.0001
58080040	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.14	C-502007	502007	0.0002

Table A-1. Vacant Infill Summary

APN	General Plan Land Use	Land Use Remark	Within Sears Point Sewershed?	Area, acres	Modeled Subcatchment ID	Modeled Node ID	ADWF, mgd
58080070	Business/ Light Industrial	VACANT INDUSTRIAL LAND		1.00	C-502007	502007	0.0012
58081090	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.11	C-304962	304962	0.0001
58081100	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.09	C-304962	304962	0.0001
58081120	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.07	C-304962	304962	0.0001
58081140	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.55	C-304962	304962	0.0007
58082020	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.08	C-304962	304962	0.0001
58083010	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.15	C-502007	502007	0.0002
58083020	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.13	C-502007	502007	0.0002
58083030	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.13	C-502007	502007	0.0002
58083040	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.16	C-502007	502007	0.0002
58083050	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.13	C-502007	502007	0.0002
58083070	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.37	C-502007	502007	0.0004
58084020	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.15	C-502007	502007	0.0002
58084030	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.33	C-502007	502007	0.0004
58100310	Public Facilities and Institutions	VACANT INDUSTRIAL LAND		0.33	C-502029	502029	0.0004
58110160	Public Facilities and Institutions	VACANT INDUSTRIAL LAND		0.58		502084	0.0007
58120250	Business/ Light Industrial	VACANT INDUSTRIAL LAND		1.34	C-502897	502897	0.0016
58120260	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.90	C-502897	502897	0.0011
58130070	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.58	C-502007	502007	0.0007
58130080	Parks, Recreation, and Open Space	VACANT INDUSTRIAL LAND		0.11			0.0000
58130100	Parks, Recreation, and Open Space	VACANT COMMERCIAL LAND		0.14			0.0000
58130110	Parks, Recreation, and Open Space	VACANT INDUSTRIAL LAND		0.30			0.0000
58130150	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.37	C-502007	502007	0.0004
58130240	Parks, Recreation, and Open Space	VACANT INDUSTRIAL LAND		0.07			0.0000
58130260	Parks, Recreation, and Open Space	VACANT INDUSTRIAL LAND		0.06			0.0000
59021160	Parks, Recreation, and Open Space	VACANT COMMERCIAL LAND		0.47			0.0000
59021170	Business/ Light Industrial	VACANT INDUSTRIAL LAND		5.24	C-502007	502007	0.0063
59031080	Primarily Single Family	VACANT MULTIPLE RES. LAND		0.13	C-304405	304405	0.0003
59032050	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.14	C-304405	304405	0.0008
59032100	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.13	C-304434	304434	0.0007
59032120	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.14	C-304434	304434	0.0008
59032210	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.30	C-304434	304434	0.0016
59035070	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.32	C-304506	304506	0.0004
59037020	Business/ Light Industrial	VACANT INDUSTRIAL LAND		1.17	C-304455	304455	0.0014
59037030	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.57	C-304548	304548	0.0007
59037050	Business/ Light Industrial	VACANT INDUSTRIAL LAND		2.12	C-304501	304501	0.0025
59041010	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.12	C-304869	304869	0.0003
59041110	Primarily Single Family	VACANT COMMERCIAL LAND		0.24	C-304365	304365	0.0006
59041120	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.36	C-304365	304365	0.0024
59045150	Primarily Single Family	VACANT MULTIPLE RES. LAND		0.12	C-304860	304860	0.0003
59045160	Primarily Single Family	VACANT RESIDENTIAL LAND		0.18	C-304860	304860	0.0005
59065110	Primarily Single Family	VACANT RESIDENTIAL LAND		0.06	C-304895	304895	0.0002
59101310		VACANT COMMERCIAL LAND		0.12	C-304511	304511	0.0001
59102100		VACANT RESIDENTIAL LAND < 1 AC		0.10	C-304511	304511	0.0003
59115270	Mix of Housing Types	VACANT COMMERCIAL LAND		0.04	C-304511	304511	0.0002
59116130		VACANT COMMERCIAL LAND		0.14	C-304511	304511	0.0002
59116150		VACANT COMMERCIAL LAND		0.11	C-304511	304511	0.0001
59116160		VACANT RESIDENTIAL LAND		0.12	C-304511	304511	0.0003
59121020		VACANT RESIDENTIAL LAND		0.11	C-304511	304511	0.0003
59121130		VACANT RESIDENTIAL LAND < 1 AC		0.18	C-502012	502012	0.0005
59122110		VACANT RESIDENTIAL LAND < 1 AC		0.17	C-304506	304506	0.0004
59126030		VACANT RESIDENTIAL LAND		0.10	C-502046	502046	0.0003
59126130		VACANT RESIDENTIAL LAND		0.12	C-304511	304511	0.0003
59127110		VACANT RESIDENTIAL LAND		0.14	C-304512	304512	0.0004
59127140		VACANT RESIDENTIAL LAND		0.16	C-304512	304512	0.0004
59133030		VACANT RESIDENTIAL LAND		0.08	C-502046	502046	0.0002
59133150		VACANT RESIDENTIAL LAND		0.13	C-502071	502071	0.0003
59133230		VACANT RESIDENTIAL LAND < 1 AC		0.08	C-502046	502046	0.0002
59144010	Retail/ Entertainment	VACANT COMMERCIAL LAND		0.33	C-601634	601634	0.0004
59161150		VACANT RESIDENTIAL LAND		0.08	C-502071	502071	0.0002
59161180	Primarily Single Family	VACANT MULTIPLE RES. LAND		0.47	C-502071	502071	0.0012
59180080	Business/ Limited Residential	VACANT INDUSTRIAL LAND		0.21	C-502997	502997	0.0023
59180110	Business/ Limited Residential	VACANT INDUSTRIAL LAND		0.79	C-502067	502067	0.0086
61010070	Industrial	VACANT INDUSTRIAL LAND		1.37		502169	0.0016
61023050	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.38	C-502172	502172	0.0010
61023080	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.88	C-502103	502103	0.0011
61023090	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.43	C-502103	502103	0.0005
61023110	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.14	C-502174	502174	0.0004
61023120	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.16	C-502174	502174	0.0004
61031020	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.13	C-502128	502128	0.0002
61031030	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.13	C-502128	502128	0.0002
61031040	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.13	C-502128	502128	0.0002
61031050	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.13	C-502128	502128	0.0002
61031060	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.22	C-502128	502128	0.0003
61031120	Primarily Single Family	VACANT INDUSTRIAL LAND		0.17	C-502174	502174	0.0004
61031200	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.09	C-502103	502103	0.0001
61031210	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.17	C-502103	502103	0.0002
61031220	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.17	C-502103	502103	0.0002
61031230	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.17	C-502103	502103	0.0002
61031240	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.17	C-502103	502103	0.0002
61031250	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.17	C-502103	502103	0.0002
61032080	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.14	C-502113	502113	0.0004
61032120	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.13	C-502128	502128	0.0008
61032180	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.23	C-502128	502128	0.0015
61032190	Primarily Single Family	VACANT RESIDENTIAL LAND		0.14	C-502113	502113	0.0004
61041010	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.42		502170	0.0005
61041020	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.72		502170	0.0009
61043090	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.13	C-502174	502174	0.0003
61043100	Business/ Limited Residential	VACANT RESIDENTIAL LAND < 1 AC		0.18	C-502174	502174	0.0019
61043150	Primarily Single Family	VACANT RESIDENTIAL LAND		0.12	C-502172	502172	0.0003
61043200	Primarily Single Family	VACANT RESIDENTIAL LAND		0.24	C-502172	502172	0.0006
61051010	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.30	C-502148	502148	0.0019
61051020	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.14	C-502148	502148	0.0009

Table A-1. Vacant Infill Summary

APN	General Plan Land Use	Land Use Remark	Within Sears Point Sewershed?	Area, acres	Modeled Subcatchment ID	Modeled Node ID	ADWF, mgd
61051030	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.07	C-502148	502148	0.0005
61051040	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.07	C-502174	502174	0.0004
61051050	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.10	C-502174	502174	0.0007
61051190	Primarily Single Family	VACANT RESIDENTIAL LAND		0.11	C-502174	502174	0.0003
61052130	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.14	C-502174	502174	0.0009
61052140	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.14	C-502174	502174	0.0009
61052170	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.14	C-502148	502148	0.0009
61052180	Neighborhood Corridor	VACANT MULTIPLE RES. LAND		0.21	C-502148	502148	0.0014
61052190	Primarily Single Family	VACANT MULTIPLE RES. LAND		0.13	C-502130	502130	0.0003
61061070	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.11		502227	0.0001
61061080	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.08		502227	0.0001
61061130	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.19		502227	0.0002
61061190	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.16		502201	0.0002
61061200	Business/ Light Industrial	VACANT INDUSTRIAL LAND		0.46		502201	0.0006
61062030	Business/ Limited Residential	VACANT RESIDENTIAL LAND		0.15	C-502171	502171	0.0017
61062040	Business/ Limited Residential	VACANT RESIDENTIAL LAND		0.13	C-502171	502171	0.0014
61062050	Business/ Limited Residential	VACANT RESIDENTIAL LAND		0.12	C-502171	502171	0.0013
61062070	Business/ Limited Residential	VACANT INDUSTRIAL LAND		0.83	C-502171	502171	0.0090
61065020	Business/ Limited Residential	VACANT RESIDENTIAL LAND		0.11	C-502172	502172	0.0012
61065070	Business/ Limited Residential	VACANT RESIDENTIAL LAND		0.14	C-502915J	502915J	0.0015
61065100	Business/ Limited Residential	VACANT RESIDENTIAL LAND		0.14	C-502915J	502915J	0.0015
61065110	Business/ Limited Residential	VACANT INDUSTRIAL LAND		0.13	C-502172	502172	0.0014
61065130	Business/ Limited Residential	VACANT INDUSTRIAL LAND		0.16	C-502172	502172	0.0017
61065240	Business/ Limited Residential	VACANT INDUSTRIAL LAND		0.13	C-502172	502172	0.0014
61065250	Business/ Limited Residential	VACANT INDUSTRIAL LAND		0.13	C-502172	502172	0.0014
61065340	Business/ Limited Residential	VACANT RESIDENTIAL LAND		0.08	C-502172	502172	0.0009
61071120	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.07	C-502209	502209	0.0002
61073120	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.13	C-502177	502177	0.0003
61075190	Primarily Single Family	VACANT RESIDENTIAL LAND		0.13	C-502140	502140	0.0003
61080150	Business/ Limited Residential	VACANT INDUSTRIAL LAND		0.21	C-502997	502997	0.0023
61080620	Business/ Limited Residential	VACANT INDUSTRIAL LAND		0.76	C-502123	502123	0.0082
61080630	Business/ Limited Residential	VACANT INDUSTRIAL LAND		0.49	C-502123	502123	0.0053
61080700	Business/ Limited Residential	VACANT INDUSTRIAL LAND		2.56	C-502997	502997	0.0277
61080710	Business/ Limited Residential	VACANT INDUSTRIAL LAND		1.83	C-502997	502997	0.0198
61121230	Primarily Single Family	VACANT RESIDENTIAL LAND		0.13	C-502209	502209	0.0003
61123050	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.17	C-502177	502177	0.0004
61125410	Primarily Single Family	VACANT RESIDENTIAL LAND		0.17	C-502184	502184	0.0004
61125500	Primarily Single Family	VACANT RESIDENTIAL LAND		0.14	C-502184	502184	0.0004
61131390	Primarily Single Family	VACANT RES LAND 1 TO 10 ACRES		3.03	C-502162	502162	0.0079
61132050	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.23	C-502163	502163	0.0013
61171020	Primarily Multi-Family	VACANT MULTIPLE RES. LAND		0.13	C-502214	502214	0.0012
61172190	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.30	C-502177	502177	0.0008
61181290	Primarily Single Family	VACANT RESIDENTIAL LAND		0.17	C-502185	502185	0.0004
61190270	Primarily Single Family	VACANT RESIDENTIAL LAND		0.15	C-502903	502903	0.0004
61190280	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.37	C-502903	502903	0.0020
61211040	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.12	C-502177	502177	0.0007
61211070	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.83	C-502177	502177	0.0045
61211210	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.12	C-502177	502177	0.0007
61211220	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.15	C-502177	502177	0.0008
61211230	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.12	C-502177	502177	0.0007
61211240	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.15	C-502177	502177	0.0008
61211250	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.12	C-502177	502177	0.0007
61211260	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.14	C-502177	502177	0.0008
61211270	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.12	C-502177	502177	0.0007
61211280	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.14	C-502177	502177	0.0007
61211290	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.14	C-502177	502177	0.0007
61211300	Mix of Housing Types	VACANT RESIDENTIAL LAND < 1 AC		0.13	C-502177	502177	0.0007
61212260	Primarily Single Family	VACANT RESIDENTIAL LAND		0.13	C-502177	502177	0.0003
62020010		VACANT RESIDENTIAL LAND < 1 AC		0.11		502918	0.0003
62020020		VACANT RESIDENTIAL LAND < 1 AC		0.10		502918	0.0003
62020030		VACANT RESIDENTIAL LAND < 1 AC		0.10		502918	0.0003
62020040		VACANT RESIDENTIAL LAND < 1 AC		0.24	C-502920	502920	0.0006
62030090		VACANT RESIDENTIAL LAND < 1 AC		0.07	C-502920	502920	0.0002
62052140	Primarily Single Family	VACANT RESIDENTIAL LAND		0.12	C-502266	502266	0.0003
62061350	Retail/ Entertainment	VACANT COMMERCIAL LAND		1.33	C-502267	502267	0.0016
62070040	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.42	C-502979	502979	0.0027
62070080	Business/ Limited Residential	VACANT MULTIPLE RES. LAND		0.36	C-502403	502403	0.0038
62070090	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.28	C-502403	502403	0.0015
62080080	Primarily Single Family	VACANT COMMERCIAL LAND		1.33	C-502979	502979	0.0034
62120010	Mix of Housing Types	RAW SUBDIVISION LAND		3.37	C-502920	502920	0.0182
67140050	District - North Gateway	VACANT MULTIPLE RES. LAND		1.09			0.0000
67140060	District - North Gateway	VACANT COMMERCIAL LAND		0.81	DaVita	102947	0.0000
67150020	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	0.41	C-102408	102408	0.0005
67150330	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	0.50	C-102408	102408	0.0006
67150340	Business/ Light Industrial	VACANT INDUSTRIAL LAND	X	0.56	C-102408	102408	0.0007
67220140		VACANT COMMERCIAL LAND		4.13		301051	0.0050
68131120	Primarily Single Family	VACANT COMMERCIAL LAND	X	1.06	C-102273	102273	0.0027
68151080	Retail/ Entertainment	VACANT COMMERCIAL LAND	X	0.19	C-102363	102363	0.0002
68191210	Retail/ Entertainment	VACANT COMMERCIAL LAND	X	0.47	C-203011	203011	0.0006
68191220	Retail/ Entertainment	VACANT COMMERCIAL LAND	X	1.39	C-203011	203011	0.0017
68580020	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.08	C-102347	102347	0.0002
68580030	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.08	C-102347	102347	0.0002
68580040	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.07	C-102347	102347	0.0002
68580050	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.07	C-102347	102347	0.0002
68580060	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.07	C-102347	102347	0.0002
68580070	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.07	C-102347	102347	0.0002
68580080	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.07	C-102347	102347	0.0002
68580090	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.07	C-102347	102347	0.0002
68580100	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.07	C-102347	102347	0.0002
68580110	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.08	C-102347	102347	0.0002
68580120	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.10	C-102347	102347	0.0003
68580130	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.07	C-102347	102347	0.0002
68580140	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.06	C-102347	102347	0.0002

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APN	General Plan Land Use	Land Use Remark	Within Sears Point Sewershed?	Area, acres	Modeled Subcatchment ID	Modeled Node ID	ADWF, mgd
68580150	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.06	C-102347	102347	0.0002
68580160	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.06	C-102347	102347	0.0002
68580170	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.06	C-102347	102347	0.0002
68580180	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.07	C-102347	102347	0.0002
68580190	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.07	C-102347	102347	0.0002
68580200	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.06	C-102347	102347	0.0002
68580210	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.06	C-102347	102347	0.0002
68580220	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.06	C-102347	102347	0.0002
68580230	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.07	C-102347	102347	0.0002
69010250	Business/ Limited Residential	VACANT RESIDENTIAL LAND		1.38	C-401437	401437	0.0150
69010600	Business/ Limited Residential	VACANT COMMERCIAL LAND		0.95	C-401372	401372	0.0102
69010630	Mix of Housing Types	RAW SUBDIVISION LAND		20.72		401220	0.1119
69021360	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.31	C-401701	401701	0.0008
69022320	Mix of Housing Types	VACANT RESIDENTIAL LAND	X	0.18	C-401123	401123	0.0010
69032240	Mix of Housing Types	VACANT MULTIPLE RES. LAND		2.30	C-401160	401160	0.0124
69032250	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.25	C-401142	401142	0.0007
69033310	Primarily Single Family	VACANT RESIDENTIAL LAND		0.18	C-401991	401991	0.0005
69034010	Primarily Single Family	VACANT RESIDENTIAL LAND		0.21	C-401194	401194	0.0005
69041040	Business/ Limited Residential	VACANT MULTIPLE RES. LAND		0.32	C-WW-S15	WW-S15	0.0034
69061420	Primarily Single Family	VACANT RESIDENTIAL LAND		0.70	C-401508	401508	0.0018
69121460	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.45	C-403112	403112	0.0029
69150350	Primarily Single Family	VACANT RESIDENTIAL LAND		0.13	C-403098	403098	0.0003
69150460	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.06	C-403138	403138	0.0004
69161500	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.28	C-403154	403154	0.0018
69271130	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.26	C-401195	401195	0.0007
69282090	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.23	C-401184	401184	0.0006
69410030	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.15	C-402176	402176	0.0008
69410040	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.14	C-402176	402176	0.0008
69410110	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.34	C-404033	404033	0.0018
69430010	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430020	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430030	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430040	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430050	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430060	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430070	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430080	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430090	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430100	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430110	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430120	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430130	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430140	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430150	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430160	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430170	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430180	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430190	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430200	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430210	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.03	C-404020	404020	0.0001
69430220	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430230	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430240	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.03	C-404020	404020	0.0001
69430250	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430260	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430270	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69430280	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.02	C-404020	404020	0.0001
69462010	Mix of Housing Types	VACANT MULTIPLE RES. LAND		1.47		404083	0.0080
69462030	Mix of Housing Types	VACANT MULTIPLE RES. LAND		1.36		404073	0.0073
69462040	Mix of Housing Types	VACANT MULTIPLE RES. LAND		0.23		404073	0.0013
71011030	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.09	C-403199	403199	0.0006
71011050	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.11	C-403199	403199	0.0007
71011060	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.14	C-403199	403199	0.0009
71011090	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.19	C-403199	403199	0.0012
71011100	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.27	C-403199	403199	0.0017
71012050	Retail/ Entertainment	VACANT COMMERCIAL LAND		0.25	C-403235	403235	0.0003
71012120	Retail/ Entertainment	VACANT COMMERCIAL LAND		0.13	C-403235	403235	0.0002
71012200	Retail/ Entertainment	VACANT COMMERCIAL LAND		0.35	C-403235	403235	0.0004
71013220	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.11	C-403200	403200	0.0007
71014140	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.12	C-403235	403235	0.0003
71017060	Primarily Single Family	VACANT RESIDENTIAL LAND		0.06	C-403202	403202	0.0002
71018090	Primarily Single Family	VACANT RESIDENTIAL LAND		0.08	C-403238	403238	0.0002
71021120	Primarily Single Family	VACANT RESIDENTIAL LAND		0.20	C-403977	403977	0.0005
71061220	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.53	C-403220	403220	0.0034
71061540	Neighborhood Corridor	VACANT COMMERCIAL LAND		1.19	C-403212	403212	0.0077
71125290	Retail/ Entertainment	VACANT COMMERCIAL LAND		0.14	C-403348	403348	0.0002
71182510	Retail/ Entertainment	VACANT COMMERCIAL LAND		0.37	C-601076	601076	0.0004
71246300	Primarily Single Family	VACANT RESIDENTIAL LAND		0.20	C-601956	601956	0.0005
71250150		VACANT COMMERCIAL LAND		2.25	C-601970	601970	0.0027
71250210		VACANT COMMERCIAL LAND		0.30	C-601087	601087	0.0004
71250320		VACANT RESIDENTIAL LAND		0.34	C-601087	601087	0.0009
71250330		VACANT RESIDENTIAL LAND		0.09	C-601087	601087	0.0002
71250450	Primarily Single Family	VACANT RESIDENTIAL LAND		0.48	C-601905	601905	0.0013
71260290		VACANT RESIDENTIAL LAND		1.01	C-601650	601650	0.0026
71260310		VACANT RESIDENTIAL LAND		1.77	C-601057	601057	0.0046
71270090		VACANT MULTIPLE RES. LAND		0.12	C-601070	601070	0.0010
71270200		VACANT MULTIPLE RES. LAND		0.37	C-601070	601070	0.0032
71291220	Primarily Single Family	VACANT RESIDENTIAL LAND		0.11	C-403206	403206	0.0003
71291370	Neighborhood Corridor	VACANT RESIDENTIAL LAND		0.11	C-403134	403134	0.0007
71292080	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.18	C-403247	403247	0.0005
71293110	Primarily Single Family	VACANT RESIDENTIAL LAND		0.05	C-403205	403205	0.0001
71293190	Primarily Single Family	VACANT RESIDENTIAL LAND		0.07	C-403206	403206	0.0002
72011390	Neighborhood Corridor	VACANT COMMERCIAL LAND		0.14	C-403217	403217	0.0009

Table A-1. Vacant Infill Summary

APN	General Plan Land Use	Land Use Remark	Within Sears Point Sewershed?	Area, acres	Modeled Subcatchment ID	Modeled Node ID	ADWF, mgd
72072660	Primarily Single Family	VACANT RESIDENTIAL LAND		0.41	C-404192	404192	0.0011
72120350	Primarily Single Family	VACANT RESIDENTIAL LAND		0.20	C-404192	404192	0.0005
72160440	Primarily Single Family	VACANT RESIDENTIAL LAND		0.29	C-602026	602026	0.0008
72160730	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		4.03		602046	0.0105
72160800	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		4.92		602046	0.0128
72234150	Primarily Single Family	VACANT RESIDENTIAL LAND		2.63		404368	0.0068
72271170	Primarily Single Family	VACANT MULTIPLE RES. LAND		0.21	C-602027	602027	0.0006
72281400	Primarily Single Family	VACANT RESIDENTIAL LAND		0.17	C-403433	403433	0.0004
72281410	Primarily Single Family	VACANT RESIDENTIAL LAND		0.17	C-403433	403433	0.0004
72281420	Primarily Single Family	VACANT RESIDENTIAL LAND		0.13	C-403433	403433	0.0003
74021100	Mix of Housing Types	VACANT COMMERCIAL LAND		0.25	C-601076	601076	0.0013
74022120	Mix of Housing Types	VACANT COMMERCIAL LAND		0.13	C-601076	601076	0.0007
74022150	Mix of Housing Types	VACANT COMMERCIAL LAND		0.14	C-601076	601076	0.0007
74031170	Retail/ Entertainment	VACANT COMMERCIAL LAND		0.20	C-601873	601873	0.0002
74051380	Primarily Single Family	VACANT RESIDENTIAL LAND		0.09	C-601644	601644	0.0002
74051390	Primarily Single Family	VACANT RESIDENTIAL LAND		0.09	C-601644	601644	0.0002
74052320	Primarily Single Family	VACANT RESIDENTIAL LAND		0.17	C-601105	601105	0.0004
74053220	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.16	C-601114	601114	0.0004
74053230	Primarily Single Family	VACANT RESIDENTIAL LAND		0.17	C-601114	601114	0.0004
74053240	Primarily Single Family	VACANT RESIDENTIAL LAND		0.15	C-601991	601991	0.0004
74053540	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.17	C-601991	601991	0.0004
74060160		VACANT RESIDENTIAL LAND < 1 AC		0.17	C-601124	601124	0.0004
74060470		VACANT RESIDENTIAL LAND		0.18	C-601153	601153	0.0005
74060620		VACANT RESIDENTIAL LAND		1.28	C-601108	601108	0.0033
74060640		VACANT RESIDENTIAL LAND		0.21	C-601153	601153	0.0005
74060650		VACANT RESIDENTIAL LAND		0.61	C-601124	601124	0.0016
74071020		VACANT RESIDENTIAL LAND		0.26	C-601455	601455	0.0007
74072140		VACANT RESIDENTIAL LAND		1.21	C-601154	601154	0.0031
74072200		VACANT RESIDENTIAL LAND < 1 AC		0.13	C-601153	601153	0.0003
74072360		VACANT RESIDENTIAL LAND		0.14	C-601153	601153	0.0004
74080130		VACANT COMMERCIAL LAND		0.42	C-601455	601455	0.0005
74080150		VACANT RESIDENTIAL LAND		1.27	C-601455	601455	0.0033
74080170		VACANT RESIDENTIAL LAND		0.15	C-601455	601455	0.0004
74080210		VACANT RESIDENTIAL LAND		0.62	C-601455	601455	0.0016
74080220		VACANT RESIDENTIAL LAND		0.58	C-601455	601455	0.0015
74080230		VACANT RESIDENTIAL LAND		0.17	C-601455	601455	0.0005
74080240		VACANT RESIDENTIAL LAND		0.16	C-601455	601455	0.0004
74080250		VACANT RESIDENTIAL LAND		0.49	C-601455	601455	0.0013
74101510	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.08	C-601150	601150	0.0002
74101520	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.14	C-601150	601150	0.0004
74110490	Primarily Single Family	VACANT MULTIPLE RES. LAND		2.38		601140	0.0062
74110500	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.72	C-601870	601870	0.0019
74120220		VACANT RESIDENTIAL LAND		0.16	C-601180	601180	0.0004
74133020		RAW SUBDIVISION LAND		4.45	C-601217	601217	0.0115
74133040		VACANT RESIDENTIAL LAND		0.14	C-601230	601230	0.0004
74133120		VACANT RESIDENTIAL LAND		0.74	C-601230	601230	0.0019
74140420		VACANT RESIDENTIAL LAND		0.80	C-601884	601884	0.0021
74140470		VACANT RESIDENTIAL LAND		0.19	C-601231	601231	0.0005
74150160		VACANT RESIDENTIAL LAND		0.29	C-601231	601231	0.0007
74150210		VACANT RESIDENTIAL LAND		0.29	C-601264	601264	0.0007
74160030		VACANT RESIDENTIAL LAND < 1 AC		0.49	C-601993	601993	0.0013
74160080		VACANT RESIDENTIAL LAND		0.47	C-601203	601203	0.0012
74160190		VACANT RESIDENTIAL LAND		0.11	C-601203	601203	0.0003
74160460		VACANT RESIDENTIAL LAND		0.18	C-601203	601203	0.0005
74160480		VACANT RESIDENTIAL LAND		0.15	C-601203	601203	0.0004
74160500		VACANT RESIDENTIAL LAND < 1 AC		0.40	C-601993	601993	0.0010
74160530		VACANT RESIDENTIAL LAND		0.41	C-601297	601297	0.0011
74160690		VACANT RESIDENTIAL LAND		0.15	C-601183	601183	0.0004
74160700		VACANT RESIDENTIAL LAND		0.18	C-601183	601183	0.0005
74160710		VACANT RESIDENTIAL LAND		0.22	C-601183	601183	0.0006
74160740	Primarily Single Family	VACANT MULTIPLE RES. LAND		0.71	C-602310	602310	0.0018
74160780		VACANT RESIDENTIAL LAND		0.37	C-601993	601993	0.0010
74170130		VACANT RESIDENTIAL LAND		0.21	C-601384	601384	0.0005
74241170		VACANT RESIDENTIAL LAND < 1 AC		0.14	C-601282	601282	0.0004
74242020		VACANT RESIDENTIAL LAND		0.35	C-601282	601282	0.0009
74242030		VACANT RESIDENTIAL LAND		0.28	C-601282	601282	0.0007
74242040		VACANT RESIDENTIAL LAND		0.28	C-601282	601282	0.0007
74242050		VACANT RESIDENTIAL LAND		0.28	C-601282	601282	0.0007
74242060		VACANT RESIDENTIAL LAND		0.28	C-601282	601282	0.0007
74242070		VACANT RESIDENTIAL LAND		0.28	C-601282	601282	0.0007
74242080		VACANT RESIDENTIAL LAND		0.28	C-601282	601282	0.0007
74251070		VACANT RESIDENTIAL LAND		0.30	C-601333	601333	0.0008
74251080		VACANT RESIDENTIAL LAND		0.30	C-601333	601333	0.0008
74251320		VACANT RESIDENTIAL LAND		0.48	C-601295	601295	0.0012
74252280		VACANT RESIDENTIAL LAND < 1 AC		0.26	C-601402	601402	0.0007
75010330	Retail/ Entertainment	VACANT MULTIPLE RES. LAND		3.77	C-601987	601987	0.0045
75061120		VACANT RESIDENTIAL LAND		0.27	C-601377	601377	0.0007
75070370		VACANT RESIDENTIAL LAND < 1 AC		0.29	C-601377	601377	0.0007
75080470		VACANT RESIDENTIAL LAND		0.14	C-601418	601418	0.0004
75080480		VACANT RESIDENTIAL LAND		0.12	C-601418	601418	0.0003
75091080		VACANT RESIDENTIAL LAND < 1 AC		0.28	C-601486	601486	0.0007
75091090		VACANT RESIDENTIAL LAND < 1 AC		0.34	C-601486	601486	0.0009
75091150		VACANT RESIDENTIAL LAND		0.32	C-601651	601651	0.0008
75091350		VACANT RESIDENTIAL LAND < 1 AC		0.27	C-601498	601498	0.0007
75091440		VACANT RESIDENTIAL LAND		0.24	C-601418	601418	0.0006
75113020	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.25	C-601541	601541	0.0007
75132140	Primarily Single Family	VACANT RESIDENTIAL LAND		0.16	C-601585	601585	0.0004
75132170	Primarily Single Family	VACANT RESIDENTIAL LAND		0.15	C-601585	601585	0.0004
75133100	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC		0.18	C-603022	603022	0.0005
75133260	Business/ Limited Residential	VACANT COMMERCIAL LAND		0.40	C-601860	601860	0.0043
75170070	Retail/ Entertainment	VACANT COMMERCIAL LAND		0.18	C-601405	601405	0.0002
79020260		VACANT INDUSTRIAL LAND		4.46		602299	0.0054
79020360		VACANT COMMERCIAL LAND		3.07		602299	0.0037

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APN	General Plan Land Use	Land Use Remark	Within Sears Point Sewershed?	Area, acres	Modeled Subcatchment ID	Modeled Node ID	ADWF, mgd
79202050	Primarily Single Family	VACANT RESIDENTIAL LAND		0.44	C-601424	601424	0.0012
79322330	Mix of Housing Types	VACANT RESIDENTIAL LAND		0.16	C-604045	604045	0.0009
79340320	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND		5.85			0.0000
79340350	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND		1.53			0.0000
79471110	Primarily Single Family	VACANT RESIDENTIAL LAND		0.20	C-601547	601547	0.0005
81040790	Parks, Recreation, and Open Space	VACANT MULTIPLE RES. LAND		6.57	C-402974	402974	0.0000
81060250	Primarily Single Family	VACANT MULTIPLE RES. LAND		1.38	C-402171	402171	0.0036
81060260	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND		3.81			0.0000
81060390	Primarily Single Family	VACANT RESIDENTIAL LAND	X	9.98		401278	0.0259
81172080	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.29	C-401187	401187	0.0007
81181200	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.23	C-401948E	401948E	0.0006
81181210	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.28	C-401948E	401948E	0.0007
81652140	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.13	C-402936	402936	0.0003
81800410	Retail/ Entertainment	VACANT COMMERCIAL LAND	X	1.84	C-204405	204405	0.0022
82010250		VACANT COMMERCIAL LAND		0.02		602299	0.0000
182030020	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND		2.70			0.0000
182030040	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND		1.68			0.0000
182060200	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		11.30			0.0000
182163040	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.30	C-202189	202189	0.0008
182163060	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.50	C-202191	202191	0.0013
182173040	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	1.09	C-202107	202107	0.0028
182173050	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	1.01	C-202107	202107	0.0026
182173180	Primarily Single Family	VACANT RESIDENTIAL LAND	X	1.00	C-202107	202107	0.0026
182173190	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.97	C-202108	202108	0.0025
182173210	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.36	C-202109	202109	0.0009
182204010	Primarily Single Family	VACANT RESIDENTIAL LAND	X	1.03	C-202015	202015	0.0027
182204020	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	1.00	C-202015	202015	0.0026
182204030	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	1.00	C-202059	202059	0.0026
182204050	Primarily Single Family	VACANT RESIDENTIAL LAND	X	1.05	C-202058	202058	0.0027
182215070	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	1.02	C-202014	202014	0.0026
182232040	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.27	C-202077	202077	0.0007
182232050	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.44	C-202077	202077	0.0011
182232060	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.38	C-202077	202077	0.0010
182263020	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.82	C-202090	202090	0.0021
182263030	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.53	C-202090	202090	0.0014
182280200	Primarily Single Family	VACANT COMMERCIAL LAND	X	0.40		202500	0.0010
182291020	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.61			0.0000
182291030	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.33			0.0000
182292010	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.22		202133	0.0006
182292020	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202133	0.0005
182292030	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.20		202133	0.0005
182292040	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.20		202133	0.0005
182292050	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.23		202133	0.0006
182292060	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.30		202132	0.0008
182292070	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.28		202132	0.0007
182292080	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.22		202132	0.0006
182292090	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.22		202132	0.0006
182292100	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.65		202132	0.0017
182293010	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.20		202132	0.0005
182293020	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005
182293030	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.21		202132	0.0005
182293040	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.21		202132	0.0005
182293050	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.20		202132	0.0005
182293060	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.21		202132	0.0005
182293070	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005
182293080	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005
182293090	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.18		202133	0.0005
182293100	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.34		202133	0.0009
182301010	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.63		202132	0.0016
182301020	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.20		202132	0.0005
182301030	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.23		202132	0.0006
182301040	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.26		202132	0.0007
182301050	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.22		202132	0.0006
182301060	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.20		202132	0.0005
182301070	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005
182301080	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.37		202132	0.0010
182301090	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.50		202132	0.0013
182301100	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.29		202132	0.0007
182301110	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.28		202132	0.0007
182301120	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.32		202132	0.0008
182301130	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.28		202132	0.0007
182301140	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.20		202132	0.0005
182301150	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.20		202132	0.0005
182301160	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005
182301170	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005
182301180	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005
182301190	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.20		202132	0.0005
182301200	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005
182301210	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005
182301220	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.20		202132	0.0005
182301230	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005
182301240	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005
182301250	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.21		202132	0.0005
182301260	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.23		202133	0.0006
182301270	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.24		202133	0.0006
182302010	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.27		202131	0.0007
182302020	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.34		202131	0.0009
182302030	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.30		202131	0.0008
182302040	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.21		202131	0.0005
182302050	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.20		202131	0.0005
182302060	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202131	0.0005
182302070	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202131	0.0005
182302080	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005

**Table A-1. Vacant Infill Summary**

APN	General Plan Land Use	Land Use Remark	Within Sears Point Sewershed?	Area, acres	Modeled Subcatchment ID	Modeled Node ID	ADWF, mgd
182302090	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005
182302100	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.19		202132	0.0005
182310010	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		1.11			0.0000
182310030	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.64			0.0000
182310040	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.70			0.0000
182310060	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.38			0.0000
182310070	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.21			0.0000
182310080	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.22			0.0000
182310090	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.29			0.0000
182310100	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.48			0.0000
182310110	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.37			0.0000
182310120	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.18			0.0000
182310150		VACANT RESIDENTIAL LAND < 1 AC	X	0.08		202466	0.0002
182310180	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.18			0.0000
182310200	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.21			0.0000
182310220	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.20			0.0000
182310230	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.10			0.0000
182310250	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.18			0.0000
182310270	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.21			0.0000
182310290	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.23			0.0000
182310300	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.23			0.0000
182310310	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.24			0.0000
182310320	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.20			0.0000
182310330	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.25			0.0000
182310340	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.21			0.0000
182310350	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.23			0.0000
182310360	Parks, Recreation, and Open Space	VACANT RESIDENTIAL LAND < 1 AC		0.56			0.0000
182431020	Primarily Single Family	VACANT RESIDENTIAL LAND	X	0.12	C-202570	202570	0.0003
182440020	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	0.98	C-202192	202192	0.0025
182440030	Primarily Single Family	VACANT RESIDENTIAL LAND < 1 AC	X	1.45	C-202192	202192	0.0038
<b>TOTALS</b>	<b>Totals within the Sears Point sewershed</b>			<b>110.94</b>	--	--	<b>0.4320</b>
	<b>Totals outside the Sears Point sewershed</b>			<b>240.59</b>	--	--	<b>0.7347</b>
	<b>Combined Vacant Infill Totals</b>			<b>351.53</b>	--	--	<b>1.1667</b>



General Manager  
Mark Tomko

June 11, 2024

Board Communication

Administrative Items, Section 6B

**TO:** The Honorable President and Board of Trustees

**FROM:** Mark Tomko, General Manager

**PREPARED BY:** Alexandria Houston, Director of Human Resources & Risk Management

**SUBJECT:** Approval of Assistant General Manager Position

**RECOMMENDATION**

Authorize the General Manager to establish an Assistant General Manager position.

**BACKGROUND INFORMATION**

An Assistant General Manager (AGM) position is recommended for the purpose of assisting the General Manager in leading the overall operations of the District, maintaining management continuity in the General Manager's absence, and providing succession training and planning. The AGM will provide executive level assistance to the General Manager to achieve the District's mission. The AGM position is typical for comparable agencies.

As described in the attached AGM Job Description, the AGM will have direct oversight of the Technical Services and Finance Departments. Other important specific duties will include: managing and reviewing the Board's agenda materials and overseeing the District Clerk; implementing the Strategic Plan (in development); coordinating with General Counsel for District legal support; overseeing lobbying and grant-writing contracts; developing and implementing the Communication Plan; represent the District in negotiations with employee/labor groups, and supporting the General Manager in representing the District at Board Meetings, conferences, and public events.

It is anticipated that the position will be filled by an internal candidate and provide the ability to reorganize the remaining positions to better align the District to fulfill its mission. The General Manager will negotiate the at-will contract with the AGM that will not be part of an employee/labor group. This will allow the AGM to represent the District in negotiations with employee/labor groups without conflict.

**ALTERNATIVES CONSIDERED**

Increase the responsibilities of several department Directors to include the additional work contained in the AGM job description, rotate filling in for the General Manager when absent, and do not include a clear succession plan for General Manager.

Not filling the AGM position and continuing to operate in the current structure is not recommended since it reduces the ability for continuity in the General Manager's absence, does not provide succession planning, limits the General Manager to effectively and timely respond to increased high-level needs/meetings, and does not allow the General Manager to organize the District to most effectively meet its mission.

**FISCAL IMPACT**

It is expected that the District will hire this position using an internal recruitment. There is expected to be a minimal impact on payroll due to the ongoing organizational changes. At this point, it is not possible to calculate the total financial impact.

Staff completed a salary bench survey of other Assistant General Managers at local wastewater districts. This information will be used by the General Manager during salary and contract negotiations with the successful applicant. The addition of the AGM salary will be brought to the Board as part of a revised salary schedule update.

**DOCUMENTATION ATTACHED**

- A. Assistant General Manager Job Description

**CONTACT PERSON**

Alexandria Houston, Director, Human Resources & Risk Management (707) 652-7805

## **ASSISTANT GENERAL MANAGER**

### **DESCRIPTION**

The Assistant General Manager (AGM) is an at-will position that assists the General Manager in leading and managing the overall operations of the District. The AGM will have direct oversight of the Technical Services and Finance Departments, provide support to all other departments, and act for the General Manager in his/her absence. Provides policy direction related to assigned departments/divisions; provides highly complex assistance to the General Manager; assists with the development, updating, and implementation of the Strategic Plan; manage District-wide projects including budgets and programs; manages General Counsel and lobbying contracts; positively represents the District publicly and fosters cooperative relationships with intergovernmental and regulatory agencies and public and private entities.

### **SUPERVISION RECEIVED AND EXERCISED**

Receives general direction from the General Manager and provides direction to the Director of Technical Services, Director of Finance, and District Clerk of the Board.

### **EXAMPLES OF TYPICAL JOB FUNCTIONS (Illustrative Only)**

*Management reserves the right to add, modify, change, or rescind the work assignments of different positions and to make reasonable accommodations so that qualified employees can perform the essential functions of the job.*

- Assumes the responsibility of the General Manager in his/her absence as directed. May be authorized to certify regulatory reports on behalf of the District.
- Manages and directs the activities of department operations in providing direct oversight to the Technical Services and Finance Departments.
- Provides supervision of the District Clerk.
- Develops, plans, and implements District strategic plan goals and objectives in alignment with the District's mission, vision, and values; utilizes performance planning techniques to identify, establish, achieve, and measure goals and objectives for District.
- Manages review of and changes to District Ordinances. Reviews, interprets, recommends changes, and implements District policies and procedures; resolves conflicts in matters/issues not addressed by existing District policies and procedures.
- Continuously monitors and evaluates the efficiency of service delivery methods and procedures; establishes and evaluates business practices and performance metrics; identifies opportunities for improvement; and recommends, directs, and implements change management strategies.
- Provides oversight in developing the District's biennial budget; reviews budget proposals to achieve established goals and objectives.

- Develops high level financing and implementation strategies to address long-term projects, developments, or study areas that impact the District.
- Leads District efforts to obtain external non-rate revenue through grants and direct state and congressional appropriations, oversees grant writing; leads District efforts to influence legislation; manages lobbyist contracts.
- Procures and manages the work of General Counsel, lobbyist, and grant writer. Negotiates and coordinates the exchange, purchase, or sale of District property with General Counsel.
- Represents the District in negotiations with employer/labor groups. May procure and manage labor negotiation support.
- Coordinates and oversees the development and implementation of the District's communication plan.
- Researches, prepares, and presents staff, technical, and administrative reports and other necessary correspondence to various audiences including to the Board of Trustees.
- Reviews Board of Trustees Agenda Packets.
- Builds and maintains positive working relationships with District employees, government agencies, regulators, elected officials, customers, and the public using principles of good customer service.
- Performs related duties as assigned.

**Knowledge of:**

- Principles and practices of management and administration for a public utility.
- Administrative principles and practices, including short-term and long-range planning, goal setting, policy development, implementation, and evaluation, and supervision, training, and personnel management.
- Governmental accounting principles and practices, financial planning and analysis, budgeting, investments, rate setting, procurement, and debt issuance and management.
- Principles and practices of engineering related to the design and construction of wastewater and stormwater facilities, including contracting and procurement.
- Principles and practices of leadership, team building, workplace culture, and conflict resolution.
- Organizational and management practices as applied to the analysis and evaluation of projects, programs, policies, procedures, and operational needs.

- Applicable federal, state, and local laws, regulatory codes, ordinances, directives, policies, and procedures that are applicable to a wastewater/stormwater special district.
- Principles and practices of business correspondence and report writing.
- Modern equipment, software, and communication tools used for business functions and program, project, and task coordination.

**Ability to:**

- Effectively manage the Finance Department and Technical Services Department to successfully meet District goals.
- Analyze budget and technical reports; interpret and evaluate staff reports; conform to laws, regulations, and codes; observe performance and evaluate staff; problem solve issues of District-wide application; implement various personnel rules; and explain and interpret policy.
- Develop and implement policies and procedures having District-wide application.
- Analyze problems, identify alternative solutions, project consequences of proposed actions, and implement recommendations in support of goals.
- Understand, interpret, and apply all pertinent laws, codes, regulations, policies and procedures, and standards relevant to work performed.
- Manage, train, and evaluate assigned staff.
- Effectively use computer systems, software applications, and modern business equipment to perform a variety of work tasks.
- Perform high level work independently with conflicting priorities and time constraints using good judgement.
- Communicate clearly and concisely, both orally and in writing, using appropriate English grammar and syntax.
- Maintain confidentiality of information and records.
- Establish, maintain, and foster positive and effective working relationships with those contacted in the course of work.
- Demonstrate understanding of, sensitivity to, and respect for the diverse socio-economic, racial, ethnic, religious, and cultural backgrounds, diverse abilities, gender, gender identity and expression, and sexual orientation of District staff and communities served.

**Education and Experience:**

*Any combination of training and experience that would provide the required knowledge, skills, and abilities may be qualifying. A typical way to obtain the required qualifications would be:*

Equivalent to a Bachelor's degree from an accredited college or university with major coursework in Business Administration, Public Administration, Accounting, Engineering, Chemistry, Biology, or related field. A Master's degree is highly desirable.

Ten (10) years of progressively responsible management experience at a public utility; including five (5) years of senior level management responsibility, or equivalent combination of training and experience.

**Licenses and Certifications:**

Must possess a valid California Class C Driver's License at the time of employment. The ability to drive District vehicles is a specific requirement for this position. It is the employee's responsibility to maintain a driving record that is acceptable to the District's insurance carrier or may be subject to dismissal.

**ADDITIONAL INFORMATION**

**Disaster Service Worker:**

Employees of Vallejo Flood and Wastewater District are, by State and Federal law, Disaster Service Workers. In the event of a declaration of emergency, any employee may be assigned activities which promote the protection of public health and safety or the preservation of lives and property either at the District or within the local area, or your own community.





General Manager  
Mark Tomko

June 11, 2024

Board Communication

Administrative Items, Section 6C

**TO:** The Honorable President and Board of Trustees

**FROM:** Claire Collins, General Counsel

**PREPARED BY:** Claire Collins, General Counsel

**SUBJECT:** Board of Trustees Composition

RECOMMENDATION

Discussion and possible action on the composition of the Board of Trustees.

BACKGROUND

The Board of Trustees is composed of the entirety of the City Council of the City of Vallejo ("City") and one County Supervisor (or alternate). Because of this structure, when the District and the City are adverse, for example on matters related to real estate acquisitions between the two entities or the allocation of duties with respect to certain facilities, the majority of the Trustees face a technical conflict between their role on the District Board and their role on the City Council. While the doctrine of "incompatible offices" does not apply because the District's enabling legislation requires the City Council members to sit on the District's Board, it nevertheless presents practical issues for exercising fiduciary duties and legal issues related to attorney-client privilege when both governing bodies need to meet with their attorneys to discuss issues in which the City and District are adverse. Recusal from one or another role will not necessarily solve this, since the City members comprise a majority.

Trustee Hannigan has suggested that one way to resolve this issue is to change the composition of the Board to a 5-member or 3-member Board of Trustees, with equal numbers of members from the City and County, and one member appointed by a majority of the others. This way, when the District and the City are adverse, a Trustee or Trustees could recuse themselves from either their role as Trustee or from their role as a City Councilmember without preventing a quorum for either the City Council or the Board. This approach would equally ensure the same protections if conflicts arose between the District and the County Board of Supervisors.

This approach has precedent at the District. From 1956 to 1995, the District had a 5-member board comprised of 2 members from the City, 2 members from the County, and an at-large member appointed by a majority of the other members. A return to this structure would achieve the goal of avoiding conflicts while still retaining joint City and County ex officio governance over the District. Other structures may be available that also achieve this goal.

OPTIONS FOR CONSIDERATION

Option 1: Change the number of Trustees of the Vallejo Flood and Wastewater District from eight to five, with the following composition:

- Two Trustees from among the Vallejo City Councilmembers;
- Two Trustees from among the Solano County Board of Supervisors members; and
- One at-large Trustee appointed by the other four Trustees.

Option 2: Pursue another approach as determined by Vallejo Flood and Wastewater District Board of Trustees, including no change to the composition of the Board of Trustees.

## DISCUSSION

The Board of Trustees had four members from 1952-1955 (4 years), five members from 1956-1995 (40 years), and has had eight members since 1996 (28 years). These changes to the board composition were all achieved through legislative amendments to the District's enabling act.

Recently, technical legal conflicts have arisen between the District and the City, for example when the District has sought to purchase land from the City. This presents certain legal challenges for maintaining attorney-client privilege and closed-session privileges when the entirety of the City Council also sits on the District's Board of Trustees.

To resolve this issue, the District's Board of Trustees could seek a new legislative amendment to its enabling act providing for a return to a 5-member board – with two members from the City, two from the County, and an appointed at-large member. This approach was effective for 40 years from 1956-1995, and would avoid the technical legal conflicts. For example, in the event of a deal or conflict between the District and either the County or the City, the two Trustees from that entity could either recuse themselves from their County or City role in that matter and that body would still maintain a quorum, or those Trustees could recuse themselves from their District role in that matter, and the Board of Trustees would still maintain a quorum and be able to act.

If the Board is in favor of a change to the composition of the board, the District (through the General Manager and General Counsel) could work with local state legislators to sponsor a bill amending the Vallejo Flood and Wastewater District Act.

Below is a more complete history of the legislation creating and then changing the composition of the Board of Trustees.

### Enabling Legislation:

#### 1952 Enacting Statute Created a Board of Four Trustees

The 1952 Vallejo Sanitation and Flood Control District Act ("Act") originally set the number of Vallejo Flood and Wastewater District ("District") Board of Trustees (collectively the "Board" and individually "Trustees") at four. Each Trustee was required to be registered to vote within the District's boundaries and required to own property within the District. Trustees were appointed to 4-year terms commencing the January 1st following their appointment.

The Mayor of the City of Vallejo and the Chair of the Solano County Board of Supervisors were to appoint two Trustees each, subject to confirmation or approval by the Vallejo City Council and Solano County Board of Supervisors, respectively. The Act also designated the authority to appoint four alternate Trustees to ensure continuity in the event of vacancies. Membership in the Vallejo City Council or the Solano County Board of Supervisors did not disqualify individuals from serving as Trustees.

#### 1955 - Senate Bill 87: Board Increases to Five Trustees

Senate Bill 87 ("SB 87") was enacted in 1955. It increased the number of Trustees from four to five and eliminated the four alternate positions. The requirement that two Trustees be Vallejo City Councilmembers and two be Solano County Supervisors remained. However, SB 87 prohibited the

fifth Trustee from being a member of either the Vallejo City Council or the Solano County Board of Supervisors. The fifth Trustee was to be appointed by the four trustees who were the Vallejo City Councilmembers and Solano County Supervisors.

The legislative record regarding SB 87 does indicate why the Legislature increased the size of the Board to five Trustees. Logically, this change would prevent potential 2-2 voting deadlocks, but the legislative history does not identify this as the reason for the change.

1995 - Assembly Bill 1388: Board Increases to Eight Trustees – 7 From Vallejo; 1 From Solano County

Assembly Bill 1388 (“AB 1388”), sponsored by the City of Vallejo and the District, and supported by Solano County, made the following changes to the Board:

- Increased the Board to eight Trustees;
- Required seven Trustees to be Vallejo City Councilmembers;
- Required one at-large Trustee to be appointed by the Solano County Board of Supervisors from either Districts 1 or 2, or the unincorporated part of the District;
- Provided for Vallejo City Councilmember Trustees to receive a monthly stipend of \$100 for District meeting attendance and the County at-large Trustee to receive \$100 per meeting attended, up to a maximum of \$300 per month; and
- Required the Board to annually elect a President, Vice President, and Secretary.

The Assembly Committee on Local Government report states that the primary justifications for AB 1388 were that the “city of Vallejo has grown and annexed land to the point that the boundaries of [the District] and city of Vallejo have become substantially contiguous” and that the “Solano board of supervisors desires to reduce their role on the district board as they are currently serving as decision-makers in an area of which they have limited jurisdiction.”

Since 1995, however, the County has invested much more significantly in infrastructure improvements, property owner assistance, and other initiatives in both the unincorporated and incorporated (city) areas and therefore the justifications in 1995 may not apply today, and the County has a strong interest in remaining active in the governance of the District.

1997 - Senate Bill 883: Clarification of At-Large Trustee Position

Senate Bill 883 (“SB 883”) clarified that the Solano County Board of Supervisors may select one alternate Trustee to stand in when the appointed Trustee is unavailable. SB 883 also specified that the City Trustees would automatically cease to serve as Trustees if they no longer held their respective City Council office. Aside from these technical clarifications, the composition of the Board remained unchanged.

### Issues Motivating Changes to Board Composition

Over the past two years, situations regarding various real estate acquisitions and development projects (including those involving Mare Island and the Wastewater Plant expansion for the Clean Water Project) have arisen between the City of Vallejo and the District that involve important legal issues on which the interests of the City and District may not be aligned. In similar situations for other agencies where City Councilmembers are a minority of a board, those dual-board members would recuse themselves from either their duties as City Councilmembers or as Trustees. However, under the current composition of the Board, neither the City Council nor the District will be able to achieve a quorum if conflicted Councilmembers recused themselves from issues where

the City's interests conflict with the District's interests. Further, maintaining the District's attorney-client privilege for closed session in these situations is difficult or impossible.

President McConnell has asked that we forward this issue to the County Counsel and City Attorney for their consideration, and this office has contacted both attorneys for their input on the matter.

#### NEXT STEPS

If the Board supports changing the composition of the Board, the following are among the appropriate next steps:

- Direct General Counsel to draft legislation to change composition;
- Seek the City of Vallejo and Solano County's support and co-sponsorship of legislation;  
and
- Engage with local state representatives to carry and support the proposed legislation.

#### ENVIRONMENTAL REVIEW

This is not a project under CEQA and no environmental review is required.

#### FISCAL IMPACT

None.

#### DOCUMENTS ATTACHED

None.

#### CONTACT PERSON

Claire Collins, General Counsel (415) 823-4561.