



101 Lucas Valley Road, Suite 300
San Rafael, CA 94903
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MANAGEMENT TEAM
General Manager, Curtis Paxton
Plant Operations, Mel Liebmann
Collections/Safety/Maintenance, Greg Pease
Engineering, Michael P. Cortez
Administrative Services, Dale McDonald

DISTRICT BOARD
Megan Clark
Ronald Ford
Craig K. Murray
Gary E. Robards
Crystal J. Yezman

The Mission of the Las Gallinas Valley Sanitary District is to protect public health and our environment, providing effective wastewater collection, treatment, and resource recovery.

BOARD MEETING AGENDA

April 18, 2024

MATERIALS RELATED TO ITEMS ON THIS AGENDA ARE AVAILABLE FOR PUBLIC INSPECTION DURING NORMAL BUSINESS HOURS AT THE DISTRICT OFFICE, 101 LUCAS VALLEY ROAD, SUITE 300, SAN RAFAEL, OR ON THE DISTRICT WEBSITE WWW.LGVSD.ORG

Estimated Time

4:00 PM

OPEN SESSION:

1. PUBLIC COMMENT

This portion of the meeting is reserved for people desiring to address the Board on matters not on the agenda and within the jurisdiction of the Las Gallinas Valley Sanitary District. Presentations are generally limited to three minutes. All matters requiring a response will be referred to staff for reply in writing and/or placed on a future meeting agenda. Please contact the General Manager before the meeting.

2. APPOINTMENT TO FILL THE VACANCY ON THE BOARD OF DIRECTORS PURSUANT TO GOV. CODE SEC.1780/BOARD POLICY B-90 AND ADMINISTER OATH OF OFFICE

Board to appoint a Director candidate to fill the vacancy on the Board of Directors.

4:10 PM

CLOSED SESSION:

3. CLOSED SESSION PURSUANT TO GOVERNMENT CODE SECTION 54956.8

CONFERENCE WITH REAL PROPERTY NEGOTIATOR – Two items: 1) First Property: McPhail Site (APNs 180-151-18, 180-161-10, and 180-161-09) McPhail: Approximately 9.76 acres of land (APNs 180-151-18, 180-161-10, & 180-161-09), located at 1565 Vendola Drive, San Rafael, in the County of Marin (unincorporated), that served as the location of the former McPhail Elementary School, which consists of vacant land and secured structures ("McPhail Site"). Agency negotiator: Curtis Paxton, General Manager. Negotiating parties: San Rafael City Elementary School District. Under negotiation: Instruction to negotiator will concern both price and terms of payment. 2) Second Property: Old Gallinas Site (APN 180-123-01) : Approximately 7.9 acres of developed land (APN 180-123-01), located at 251 N. San Pedro Road, San Rafael, in the County of Marin (unincorporated), consisting of classroom buildings and athletic field ("Old Gallinas Site"). Agency negotiator: Curtis Paxton, General Manager. Negotiating parties: San Rafael City Elementary School District. Under negotiation: Instruction to negotiator will concern both price and terms of payment.

OPEN SESSION:

- 4:40 pm** **4. CONSENT CALENDAR**
 These items are considered routine and will be enacted, approved or adopted by one motion unless a request for removal for discussion or explanation is received from the staff or the Board.
- A. Approve the Board Minutes for April 4, 2024
 - B. Approve the Warrant List for April 18, 2024
 - C. Approve Board Compensation for March 2023
 - D. Approve Murray attending webinar Using GIS for State and Local Government Asset Management on April 16, 2024
 - E. Approve Murray attending the NBWA Conference on April 19 in Sonoma
 - F. Approve Univar Solutions USA Contract Proposal for Furnishing Liquid Sodium Hypochlorite
 - G. Approve Kemira Water Solutions Contract Proposal for Furnishing Liquid Ferric Chloride
 - H. Approve Thatcher Company of California Contract Proposal for Furnishing Liquid Sodium Bisulfite
 - I. Approve Order of Publication Ordinance 194
- Possible expenditure of funds: Yes, Item B through H.
 Staff recommendation: Adopt Consent Calendar – Items A through I.
- 4:50 PM** **5. INFORMATION ITEMS:**
 STAFF/CONSULTANT REPORTS:
- 1. General Manager’s Report – verbal
- 5:10 PM** **6. RESOLUTION 2024-2326 BOARD POLICY F-90-70 DISBURSEMENTS**
 Board to review Resolution 2024-2326 and Board Policy F-90-70 Disbursements.
- 5:25 PM** **7. BOARD MEMBER REPORTS:**
- 1. CLARK
 - a. NBWA Board Committee, Operations Control Centers Ad Hoc Committee, Fleet Management Ad Hoc Committee, FutureSense Ad Hoc Committee, CASA Workforce Committee, Other Reports
 - 2. MURRAY
 - a. Marin LAFCo, Flood Zone 6, Biosolids Ad Hoc Committee, CASA Energy Committee, Development Ad Hoc Committee, San Francisco Bay Trail Ad Hoc Committee, Other Reports
 - 3. ROBARDS
 - a. Gallinas Watershed Council/Miller Creek, Engineering Ad Hoc Committee re: STPURWE, McInnis Marsh Ad Hoc Committee, Development Ad Hoc Committee, FutureSense Ad Hoc Committee, Other Reports

4. YEZMAN

- a. Flood Zone 7, CSRMA, Ad Hoc Engineering Committee re: STPURWE, Marin Special Districts, Biosolids Ad Hoc Committee, Other Reports

5:40 PM

8. BOARD REQUESTS:

- A. Board Meeting Attendance Requests – Verbal
- B. Board Agenda Item Requests – Verbal

5:45 PM

9. VARIOUS INDUSTRY RELATED ARTICLES

5:50 PM

10. ADJOURNMENT

FUTURE BOARD MEETINGS APRIL 17, MAY 2 AND MAY 16, 2024

| | | |
|------------------|----------------------------|----------------------------------|
| AGENDA APPROVED: | Craig K. Murray, President | Patrick Richardson Legal Counsel |
|------------------|----------------------------|----------------------------------|

CERTIFICATION: I, Teresa Lerch, Board Secretary of the Las Gallinas Valley Sanitary District, hereby declare under penalty of perjury that on or before April 15, 2024 4:00 p.m., I posted the Agenda for the Board Meeting of said Board to be held on April 18, 2024 at the District Office, located at 101 Lucas Valley Road, Suite 300, San Rafael, CA.

DATED: April 11, 2024



Teresa L. Lerch
Board Secretary

The Board of the Las Gallinas Valley Sanitary District meets regularly on the first and third Thursday of each month. The District may also schedule additional special meetings for the purpose of completing unfinished business and/or study session. Regular meetings are held at the District Office, 101 Lucas Valley Road, Suite 300, San Rafael, CA.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the District at (415) 472-1734 at least 24 hours prior to the meeting. Notification prior to the meeting will enable the District to make reasonable accommodation to help ensure accessibility to this meeting.

AGENDA ITEM 1

4/18/2024

PUBLIC COMMENT

This portion of the meeting is reserved for persons desiring to address the Board on matters not on the agenda and within the jurisdiction of the Las Gallinas Valley Sanitary District. Presentations are generally limited to three minutes. All matters requiring a response will be referred to staff for reply in writing and/or placed on a future meeting agenda. Please contact the General Manager before the meeting.

4/18/2024

APPOINTMENT TO FILL THE VACANCY ON THE BOARD OF DIRECTORS

- Separate Item to be distributed at Board Meeting
- Separate Item to be distributed prior to Board Meeting
- Oath of Office
- Presentation

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

4/18/2024

CLOSED SESSION

- Separate Item to be distributed at Board Meeting
- Separate Item to be distributed prior to Board Meeting
- Verbal Report
- Presentation

MEETING MINUTES OF APRIL 4, 2024

THE BOARD OF DIRECTORS AND STAFF OF THE LAS GALLINAS VALLEY SANITARY DISTRICT MET IN OPEN SESSION ON APRIL 4, 2024 AT 4:01 PM AT THE DISTRICT OFFICE, 101 LUCAS VALLEY ROAD, SUITE 300 CONFERENCE ROOM, SAN RAFAEL, CA. 94903.

- BOARD MEMBERS PRESENT:** Megan Clark, Craig K. Murray, Gary Robards and Crystal Yezman.
- BOARD MEMBERS ABSENT:** None.
- STAFF PRESENT:** Curtis Paxton, General Manager; Teresa Lerch, Board Secretary; Dale McDonald, District Treasurer;
- OTHERS PRESENT:** Patrick Richardson, District Counsel;
- ANNOUNCEMENT:** President Murray announced that the agenda had been posted as evidenced by the certification on file in accordance with the law.
- 1. PUBLIC COMMENT:** Fani Danadjieva Hansen and Christina Hanson of Danadjieva Hansen Architects Inc. spoke to the Board.

2. APPOINT DISTRICT NEGOTIATOR

Board discussed appointing the General Manager to be the District Negotiator for the Closed Session.

ACTION:

Board approved (M/S Clark/Robards (4-0-0-0) appointing the General Manager as the District Negotiator for the Closed Session.

- AYES: Clark, Murray, Robards and Yezman.
NOES: None.
ABSENT: None.
ABSTAIN: None.

3. CLOSED SESSION:

ACTION:

THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT ADJOURNED TO CLOSED SESSION ON APRIL 4, 2024, AT 4:08 P.M. AT THE DISTRICT OFFICE, 101 LUCAS VALLEY ROAD, SUITE 300, CONFERENCE ROOM, SAN RAFAEL, CALIFORNIA.

Lerch and McDonald left the meeting at 4:08 pm.

CONFERENCE WITH REAL PROPERTY NEGOTIATOR – Property: McPhail Site (APNs 180-151-18, 180-161-10, and 180-161-09) McPhail: Approximately 9.76 acres of land (APNs 180-151-18, 180-161-10, & 180-161-09), located at 1565 Vendola Drive, San Rafael, in the County of Marin (unincorporated), that served as the location of the former McPhail Elementary School, which consists of vacant land and secured structures ("McPhail Site"). Agency negotiator: To Be Designated at An Open Session Before This Closed Session. Negotiating parties: San Rafael City Elementary School District. Under negotiation: Instruction to negotiator will concern both price and terms of payment.

ADJOURNMENT:

ACTION:

The Board of Directors of the Las Gallinas Valley Sanitary District reconvened the Regular Session on April 4, 2024 at 4:42 p.m.

BOARD MEMBERS PRESENT: Megan Clark, Ron Ford, Craig Murray, Crystal Yezman

STAFF PRESENT: Curtis Paxton, General Manager, Teresa Lerch, Board Secretary; Dale McDonald, District Treasurer, Mel Liebmann, Plant Manager; Mike Cortez, District Engineer

OTHERS PRESENT: Patrick Richardson, District Counsel; Tim Holmes from Kenwood Energy.

PUBLIC COMMENT: None.

REPORT ON CLOSED SESSION: President Murray reported that there was nothing to report.

4. CONSENT CALENDAR:

These items are considered routine and will be enacted, approved or adopted by one motion unless a request for removal for discussion or explanation is received from the staff or the Board.

- A. Approve the Board Minutes for March 21, 2024
- B. Approve the Warrant List for April 4, 2024
- C. Approve Murray attending IRWA Webinar Carbon Capture, Utilization and Storage for Land Professionals March 27, 2024
- D. Approve Award of Contract for Reclamation Pastureland Irrigation Operations and Maintenance Services
- E. Approve Resolution 2024-2325 Updating Signers on the Bank of Marin Bank Accounts

Item D was pulled for discussion.

ACTION:

Board approved (M/S Yezman/Clark(4-0-0-0) the Consent Calendar items A through E with the modification to item D – Approved Award of Contract for Reclamation Pastureland Irrigation Operations and Maintenance Services in the amount of \$122, 500.

AYES: Clark, Murray, Robards and Yezman.

NOES: None.

ABSENT: None.

ABSTAIN: None.

5. INFORMATION ITEMS:

STAFF / CONSULTANT REPORTS:

- 1. Solar Photovoltaic System Upgrade Project Update from Tim Holmes, Kenwood Energy. Discussion ensued.
- 2. General Manager’s Report – Paxton reported.
 - 1. Board Policy F-90-70 Disbursements – McDonald reported. Discussion ensued. Board feedback was given. This will be brought back as an Agenda item on the next Board meeting.
 - 3. Topics for the 2024 Summer Newsletter – McDonald reported. Discussion ensued.

6. BOARD REPORTS:

- 1. CLARK
 - a. NBWA Board Committee – verbal report
 - b. CASA Workforce Committee – no report
 - c. Operations Control Centers Ad Hoc Committee – no report
 - d. Fleet Management Ad Hoc Committee – no report
 - e. FutureSense Ad Hoc Committee – no report
 - f. Other Reports– none

- 2. MURRAY
 - a. Marin LAFCO – no report
 - b. Flood Zone 6 – verbal report
 - c. CASA Energy Committee – no report
 - d. Biosolids Ad Hoc Committee – no report
 - e. Development Ad Hoc Committee – no report
 - f. SF Bay Trail Ad Hoc Committee – no report
 - g. Other Reports –in the packet

- 3. ROBARDS
 - a. Gallinas Watershed Council/Miller Creek – verbal report
 - b. STPURWE Engineering Ad Hoc Committee – no report
 - c. McInnis Marsh Ad Hoc Committee – no report
 - d. Development Ad Hoc Committee – no report
 - e. FutureSense Ad Hoc Committee – no report
 - f. Other Reports – none

- 4. YEZMAN
 - a. Flood Zone 7– verbal report
 - b. CSRMA – no report
 - c. Marin Special District Association – no report
 - d. STPURWE Engineering Ad Hoc Committee – no report
 - e. Biosolids Ad Hoc Committee – no report
 - f. Other Reports– none

7. BOARD REQUESTS:

- A. Board Meeting Attendance Requests – Murray and Yezman would like to attend the CASA Annual Conference in July in Monterey and Murray would like to attend the Biosolids and Residues Conference WEF/IWA in June in Oklahoma City.
- B. Board Agenda Item Requests – none.

8. MISCELLANEOUS DISTRICT ARTICLES

Discussion ensued.

9. ADJOURNMENT:

ACTION:

Board approved (M/S Yezman/Clark 4-0-0-0) the adjournment of the meeting at 6:24 PM.

AYES: Clark, Murray, Robards and Yezman.

NOES: None.

ABSENT: None.

ABSTAIN: None

The next Board Meeting is scheduled for April 17, 2024 at 4:00 pm at the District office.

ATTEST:

Teresa Lerch, Board Secretary

APPROVED:

Gary E. Robards, Vice-President

Agenda Item 4B

Date April 18, 2024

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|--|-------------------------|----------------|--|--------------|--------------------|-------------|-----------|--------|
| A and P Moving Inc | | | | | | | | |
| 105 | A and P Moving Inc | 4065643 | Document Storage- Apr 24 | 03/31/24 | 96.80 | .00 | | |
| Total A and P Moving Inc: | | | | | 96.80 | .00 | | |
| ADP Inc | | | | | | | | |
| 140 | ADP Inc | 658434903 | Payroll processing fees Comprehensive Service | 04/05/24 | 69.05 | .00 | | |
| 140 | ADP Inc | 658435504 | Payroll processing fees Comprehensive Service | 04/05/24 | 2,017.60 | .00 | | |
| Total ADP Inc: | | | | | 2,086.65 | .00 | | |
| Bank of Marin | | | | | | | | |
| 295 | Bank of Marin | APRIL 2024 | Recycled Water Loan Payment- Interest April | 04/05/24 | 7,000.27 | .00 | | |
| 295 | Bank of Marin | APRIL 2024 | Recycled Water Loan Payment- Principal April | 04/05/24 | 20,723.18 | .00 | | |
| Total Bank of Marin: | | | | | 27,723.45 | .00 | | |
| Bank of Marin Cardmember Services | | | | | | | | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Office Supplies -AMATORI,PAM | 02/01/24 | 16.38 | 16.38 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Office Supplies -AMATORI,PAM | 02/01/24 | 10.97 | 10.97 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Rubbermaid Dish Bucket - GOLSHANI,SAHAR | 02/01/24 | 26.25 | 26.25 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Binding Presentation Covers - GOLSHANI,SAH | 02/01/24 | 23.79 | 23.79 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Igloo Insulated Lunch Cooler - GOLSHANI,SAH | 02/01/24 | 48.93 | 48.93 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Tryotic Soy Agar - GOLSHANI,SAHAR | 02/01/24 | 6.81 | 6.81 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Freight Charges - GOLSHANI,SAHAR | 02/01/24 | 29.16 | 29.16 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Miscellaneous Supplies - GOLSHANI,SAHAR | 02/01/24 | 61.68 | 61.68 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Kimwipe SML - GOLSHANI,SAHAR | 02/01/24 | 101.06 | 101.06 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Kimwipe SML - GOLSHANI,SAHAR | 02/01/24 | 101.07 | 101.07 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Food for Board Meeting - LERCH,TERESA | 02/01/24 | 169.60 | 169.60 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Magnetic Drive Pump - MOORE,DONALD E | 02/01/24 | 396.74 | 396.74 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Creamer for both locations - AMATORI,PAM | 02/01/24 | 54.72 | 54.72 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Office Supplies -AMATORI,PAM | 02/01/24 | 191.08 | 191.08 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Nitrile 3M - GOLSHANI,SAHAR | 02/01/24 | 253.73 | 253.73 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Nitrile 3M - GOLSHANI,SAHAR | 02/01/24 | 253.73 | 253.73 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Feb | Adjustment per Web Payment | 02/01/24 | 37.61- | 37.61- | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Office Supplies -AMATORI,PAM | 01/05/24 | 23.49 | 23.49 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Fume Hood Testing for lab - GOLSHANI,SAHA | 01/05/24 | 351.28 | 351.28 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Creamer - LERCH,TERESA | 01/05/24 | 11.28 | 11.28 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Water Service -AMY SCHULTZ | 01/05/24 | 57.81 | 57.81 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Office Supplies -AMATORI,PAM | 01/05/24 | 58.54 | 58.54 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Office Supplies -AMATORI,PAM | 01/05/24 | 76.46 | 76.46 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Speedfit to Male Shut Off Valve - GOLSHANI,S | 01/05/24 | 67.38 | 67.38 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Food for Board Meeting - LERCH,TERESA | 01/05/24 | 167.24 | 167.24 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Internet Service for 101 LVR - AMY SCHULTZ | 01/05/24 | 598.99 | 598.99 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Chain Link Galvanized Steel -LOVELESS,RALP | 01/05/24 | 61.42 | 61.42 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Virtual Meeting service - AMY SCHULTZ; | 01/05/24 | 134.99 | 134.99 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Items to repair Camera Truck -BUCHHOLTZ,RO | 01/05/24 | 52.93 | 52.93 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Water for Generator Batteries -CAMPBELL,CH | 01/05/24 | 10.18 | 10.18 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Turkish Coffee Maker & Coffee - GOLSHANI,SA | 01/05/24 | 205.34 | 205.34 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Casa Registratin C. Murray - LERCH,TERESA | 01/05/24 | 745.00 | 745.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Postage Machine Leasing -AMY SCHULTZ; | 01/05/24 | 378.41 | 378.41 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Timer Electric Drain Valve - LOVELESS,RALPH | 01/05/24 | 140.81 | 140.81 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Timer Electric Drain Valve - LOVELESS,RALPH | 01/05/24 | 4.22 | 4.22 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | 10K mile Service on '18 Camery -CAMPBELL,C | 01/05/24 | 156.15 | 156.15 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Internet Host - AMY SCHULTZ; | 01/05/24 | 19.95 | 19.95 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Wire hose & calmps for Distirct Vehical -ASARO | 01/05/24 | 351.15 | 351.15 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Toner Cartridge - GOLSHANI,SAHAR | 01/05/24 | 251.28 | 251.28 | 02/29/24 | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|--------|-------------------------|----------------|---|--------------|--------------------|-------------|-----------|--------|
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Camera Clamp Mount - PEASE,GREG | 01/05/24 | 21.30 | 21.30 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Office Supplies -AMATORI,PAM | 01/05/24 | 20.28 | 20.28 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Bubble waters for Board meeting - AMATORI,P | 01/05/24 | 42.89 | 42.89 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Office Supplies -AMATORI,PAM | 01/05/24 | 79.47 | 79.47 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Tergazyme Clen 4lb box - GOLSHANI,SAHAR | 01/05/24 | 129.86 | 129.86 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Pest Control Service -HUNT,BRANDON G | 01/05/24 | 207.00 | 207.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Calendar - LERCH,TERESA | 01/05/24 | 22.78 | 22.78 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Unlimited car wash for district vehicle - CURTIS | 01/05/24 | 40.00 | 40.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Parking for CASA winter Conf. - PAXTON,CUR | 01/05/24 | 57.65 | 57.65 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Construction Camera PEASE,GREG | 01/05/24 | 534.23 | 534.23 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Weather App. - GREG PEASE; | 01/05/24 | 4.99 | 4.99 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Office Supplies -AMATORI,PAM | 01/05/24 | 26.98 | 26.98 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Two Motoer Starters - LOVELESS,RALPH | 01/05/24 | 508.01 | 508.01 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Wireless Charger Charging auto Clamping Mou | 01/05/24 | 1.19 | 1.19 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | DISPUTING - PEASE,GREG | 01/05/24 | 1.48 | 1.48 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | DISPUTING - PEASE,GREG | 01/05/24 | 74.11 | 74.11 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Wireless Charger Charging auto Clamping Mou | 01/05/24 | 59.95 | 59.95 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Apprciation Lunch for Amy -AMATORI,PAM | 01/05/24 | 155.13 | 155.13 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Shipping charges for a return -FERNANDES,R | 01/05/24 | 155.81 | 155.81 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Electric Stapler - GOLSHANI,SAHAR | 01/05/24 | 36.63 | 36.63 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Meeting Lunch w/Degabriele - PAXTON,CURTI | 01/05/24 | 60.45 | 60.45 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Office supplies - PEASE,GREG | 01/05/24 | 56.95 | 56.95 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Cupcakes Apprciation Lunch -AMATORI,PAM | 01/05/24 | 10.99 | 10.99 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Used Distirct CC in error - FRANKLIN,WILLIAM | 01/05/24 | 18.17 | 18.17 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Enterolert 20 test pack - GOLSHANI,SAHAR | 01/05/24 | 323.72 | 323.72 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Staples - GOLSHANI,SAHAR | 01/05/24 | 7.89 | 7.89 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Turkish Coffee - GOLSHANI,SAHAR | 01/05/24 | 26.50 | 26.50 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Food for Board Meeting - LERCH,TERESA | 01/05/24 | 197.51 | 197.51 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Office supplies - PEASE,GREG | 01/05/24 | 56.95 | 56.95 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Lexar Multi Card & 64GB Turbo -TAPIA,ROGEL | 01/05/24 | 51.33 | 51.33 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Office Supplies -AMATORI,PAM | 01/05/24 | 189.95 | 189.95 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Eye drops & Packing tape - GILL,CHRISTOPHE | 01/05/24 | 17.79 | 17.79 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Post-it Flags - HUANG,YI YING | 01/05/24 | 11.65 | 11.65 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | New Computer for D.Moore - MCDONALD,DAL | 01/05/24 | 1,131.39 | 1,131.39 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Transportation for CASA winter Conf. - PAXTO | 01/05/24 | 3.00 | 3.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Transportation for CASA winter Conf. - PAXTO | 01/05/24 | 12.96 | 12.96 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Items for Sahar's meeting -AMATORI,PAM | 01/05/24 | 27.75 | 27.75 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Garbage can lids for reclamation -CAMPBELL, | 01/05/24 | 615.20 | 615.20 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Rainbow Trout for the ponds /testing -GOLSHA | 01/05/24 | 154.00 | 154.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Bridge toll transponder -HUNT,BRANDON G | 01/05/24 | 40.00 | 40.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Virtual Workshop -CSDA - LERCH,TERESA | 01/05/24 | 230.00 | 230.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Tea & Creamer - LERCH,TERESA | 01/05/24 | 18.68 | 18.68 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Cert. Of Achievment Review Fee - MCDONALD | 01/05/24 | 460.00 | 460.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Membership Renewal - PEASE,GREG | 01/05/24 | 98.00 | 98.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Subscription to Fleetio for vehical inventory - G | 01/05/24 | 192.00 | 192.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Transportation for CASA winter Conf. - PAXTO | 01/05/24 | 11.95 | 11.95 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Monthly Licensensing Fees -AMY SCHULTZ | 01/05/24 | 16.00 | 16.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Monthly Licensensing Fees -AMY SCHULTZ | 01/05/24 | 2.00 | 2.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Licenseing Fees -SCHULTZ,AMY | 01/05/24 | 66.39 | 66.39 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Licenseing Fees -SCHULTZ,AMY | 01/05/24 | 360.00 | 360.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Coilert & Coilert 18 Quanti Tray - GOLSHANI,S | 01/05/24 | 47.75 | 47.75 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Shipping charges - GOLSHANI,SAHAR | 01/05/24 | 80.67 | 80.67 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Water Service - HUNT,BRANDON G | 01/05/24 | 76.94 | 76.94 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Water Service - HUNT,BRANDON G | 01/05/24 | 263.57 | 263.57 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Internet Service for Pump Station - AMY SCHUL | 01/05/24 | 269.68 | 269.68 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Solder & Solder wick -STARNES,DANIEL | 01/05/24 | 22.72 | 22.72 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Lab Supplies -GOLSHANI,SAHAR | 01/05/24 | 89.98 | 89.98 | 02/29/24 | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|--------|-------------------------|----------------|--|--------------|-----------------------|-------------|-----------|--------|
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Answering Service - AMY SCHULTZ; | 01/05/24 | 45.30 | 45.30 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 2-4-24 Jan | Bridge toll transponder -HUNT,BRANDON G | 01/05/24 | 40.00 | 40.00 | 02/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Nitrate, TNT+LR -GOLSHANI,SAHAR | 02/06/24 | 477.63 | 477.63 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Pizza for Collection Crew for Training - PEASE, | 02/06/24 | 158.63 | 158.63 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Dish soap, & Hand Soap -GOLSHANI,SAHAR | 02/06/24 | 28.87 | 28.87 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Internet Service for 101 LVR - AMY SCHULTZ; | 02/06/24 | 620.56 | 620.56 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | BatteryJumpStarter,Hose,Rotating Connector-tr | 02/06/24 | 474.78 | 474.78 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Jumper Inflator for Collection Truck -FRANKLIN, | 02/06/24 | 217.41 | 217.41 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Nitrate, TNT+LR -GOLSHANI,SAHAR | 02/06/24 | 145.86- | 145.86- | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Bacti Test - GOLSHANI,SAHAR | 02/06/24 | 300.14 | 300.14 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Membership for CSMFO - HUNT,BRANDON G | 02/06/24 | 130.00 | 130.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | USB & USB Cable -LIEBMANN,ROBERT M | 02/06/24 | 17.47 | 17.47 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Nano USB C Charger -LIEBMANN,ROBERT M | 02/06/24 | 89.98 | 89.98 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Fuel Swivel Hose - PEASE,GREG | 02/06/24 | 95.03 | 95.03 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Office supplies - AMATORI,PAM | 02/06/24 | 118.98 | 118.98 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Tryptic Soy Broth - GOLSHANI,SAHAR | 02/06/24 | 195.41 | 195.41 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Tryptic Soy Broth - GOLSHANI,SAHAR | 02/06/24 | 50.49 | 50.49 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Virtual Meeting service - AMY SCHULTZ; | 02/06/24 | 134.99 | 134.99 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Misc. office supplies for both locations - AMATO | 02/06/24 | 349.15 | 349.15 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Kleenex for 101 LVR - AMATORI,PAM | 02/06/24 | 37.08 | 37.08 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Isopropyl Alcohol Wipes - GOLSHANI,SAHAR | 02/06/24 | 121.97 | 121.97 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | DI Water Tanks Exchange -GOLSHANI,SAHAR | 02/06/24 | 824.31 | 824.31 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Internet Host -HUNT,BRANDON G | 02/06/24 | 19.95 | 19.95 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Board Secretary Conference Reg. -LERCH,TER | 02/06/24 | 720.00 | 720.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | 1099 Processing -MCDONALD,DALE | 02/06/24 | 143.76 | 143.76 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Security for old Intercom for 300 SRR - SCHUL | 02/06/24 | 25.00 | 25.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Monthly Subscription Charge -SCHULTZ,AMY | 02/06/24 | 180.00 | 180.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Misc. Office Cleaning Supplies - GOLSHANI,SA | 02/06/24 | 21.89 | 21.89 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Digester Gas & Siloxane Testing - GOLSHANI, | 02/06/24 | 385.00 | 385.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Car Wash for District Vehicle - PAXTON,CURTI | 02/06/24 | 40.00 | 40.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Water Service - HUNT,BRANDON G | 02/06/24 | 76.94 | 76.94 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Water Service - HUNT,BRANDON G | 02/06/24 | 70.10 | 70.10 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Oat Milk Creamer - LERCH,TERESA | 02/06/24 | 8.18 | 8.18 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Pipet Tips - GOLSHANI,SAHAR | 02/06/24 | 321.20 | 321.20 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | EZ DPD Dispenser - GOLSHANI,SAHAR | 02/06/24 | 77.77 | 77.77 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Weather App Service - PEASE,GREG | 02/06/24 | 4.99 | 4.99 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Replacement Coil 120V AC - STARNES,DANIE | 02/06/24 | 764.76 | 764.76 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Mouse for computer - TAPIA,ROGELIO | 02/06/24 | 35.50 | 35.50 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Food for Board Meeting - LERCH,TERESA | 02/06/24 | 145.65 | 145.65 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | AnnualsSubscription for Adobe- AMATORI,PAM | 02/06/24 | 239.88 | 239.88 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | CWE conference - CAMPBELL,CHRIS | 02/06/24 | 835.00 | 835.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Digester Gas & Siloxane Samples sent for testin | 02/06/24 | 84.43 | 84.43 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Parking for CMSA Worker Comp Committee Me | 02/06/24 | 46.80 | 46.80 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | CSDA GM Leadership Summit - PAXTON,CUR | 02/06/24 | 775.00 | 775.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Buffer Sol PH - GOLSHANI,SAHAR | 02/06/24 | 472.19 | 472.19 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Cover for LCD Screen Turb. - MOORE,DONAL | 02/06/24 | 9.14 | 9.14 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Alterations- Uniform pants -FERNANDES,ROB | 02/06/24 | 180.00 | 180.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Transponder Bridge toll -HUNT,BRANDON G | 02/06/24 | 40.00 | 40.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Hotel Accom. For Board Secretary Conference - | 02/06/24 | 197.23 | 197.23 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Batteries -STARNES,DANIEL | 02/06/24 | 231.44 | 231.44 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | ACT Expo -PAXTON,CURTIS D | 02/06/24 | 495.00 | 495.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Wireless Keyboard & Mouse - PEASE,GREG | 02/06/24 | 38.23 | 38.23 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Backup Battery - STARNES,DANIEL | 02/06/24 | 133.87 | 133.87 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Battery Backup Captains Cove -BUCHHOLTZ,R | 02/06/24 | 329.34 | 329.34 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Airfare For Board Secretary Conference - LERC | 02/06/24 | 309.96 | 309.96 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | GFOA Membership -MCDONALD,DALE | 02/06/24 | 160.00 | 160.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Parking EPA/WRF Biosolid WorkshopPAXTON, | 02/06/24 | 37.29 | 37.29 | 03/29/24 | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|--|---------------------------|----------------|--|--------------|--------------------|-------------|-----------|--------|
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Early Check in Fee - PAXTON,CURTIS D | 02/06/24 | 25.00 | 25.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Early Check in Fee - PAXTON,CURTIS D | 02/06/24 | 25.00 | 25.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Airfare for EPA/WRF Biosolid Workshop - PAXT | 02/06/24 | 591.96 | 591.96 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | In Flight WiFi - PAXTON,CURTIS D | 02/06/24 | 8.00 | 8.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Subscription for Fleetio Service -PEASE,GREG | 02/06/24 | 192.00 | 192.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | AED Defib for Maintance -PEASE,GREG | 02/06/24 | 245.82 | 245.82 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Monthly Subscription Charge -SCHULTZ,AMY | 02/06/24 | 16.00 | 16.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Prepay - Monthly Subscription Charge -SCHUL | 02/06/24 | 396.00 | 396.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Monthly Subscription Charge -SCHULTZ,AMY | 02/06/24 | 2.00 | 2.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Enterolert 20 Test Pk -GOLSHANI,SAHAR | 02/06/24 | 323.72 | 323.72 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Answering Service -HUNT,BRANDON G | 02/06/24 | 61.12 | 61.12 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Transponder Bridge toll -HUNT,BRANDON G | 02/06/24 | 40.00 | 40.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Dinner Meeting W/Murray - PAXTON,CURTIS D | 02/06/24 | 89.76 | 89.76 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Idexx-QC Enterococci - GOLSHANI,SAHAR | 02/06/24 | 354.13 | 354.13 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Water Service - HUNT,BRANDON G | 02/06/24 | 162.64 | 162.64 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Water Service - HUNT,BRANDON G | 02/06/24 | 84.44 | 84.44 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Pest Control Service -HUNT,BRANDON G | 02/06/24 | 207.00 | 207.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Internet Service for Pump Station - AMY SCHUL | 02/06/24 | 269.68 | 269.68 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | 3 Siloxane Samples Sent for testing - GOLSHA | 02/06/24 | 450.00 | 450.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | Shuttle Transportation for CASA DC Policy Foru | 02/06/24 | 18.82 | 18.82 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC -3-4-24 Feb | In Flight WiFi - PAXTON,CURTIS D | 02/06/24 | 8.00 | 8.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 3-4-24 Mar | Footrest for P. Quinn - AMATORI,PAM | 03/01/24 | 63.57 | 63.57 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 3-4-24 Mar | Misc. office supplies for both locations - AMATO | 03/01/24 | 124.52 | 124.52 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 3-4-24 Mar | Misc. office supplies for both locations - AMATO | 03/01/24 | 110.09 | 110.09 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 3-4-24 Mar | CWR Membership Fee - COOK,GLENN R | 03/01/24 | 98.00 | 98.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 3-4-24 Mar | Bioassy Testing - GOLSHANI,SAHAR | 03/01/24 | 154.00 | 154.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 3-4-24 Mar | CAPPO Membership -MCDONALD,DALE | 03/01/24 | 140.00 | 140.00 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 3-4-24 Mar | Touchless Biohazard Needle & Syringe Disposa | 03/01/24 | 14.19 | 14.19 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 3-4-24 Mar | Ear buds for desk top comp - HUNT,BRANDON | 03/01/24 | 14.17 | 14.17 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 3-4-24 Mar | Internet Host -HUNT,BRANDON G | 03/01/24 | 19.95 | 19.95 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 3-4-24 Mar | USB Adapter for PC -STARNES,DANIEL | 03/01/24 | 10.91 | 10.91 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 3-4-24 Mar | Backup Battery - STARNES,DANIEL | 03/01/24 | 65.68 | 65.68 | 03/29/24 | |
| 300 | Bank of Marin Cardmembe | CC 3-4-24 Mar | Miscellaneous adjustment | 03/01/24 | 263.64 | 263.64 | 03/29/24 | |
| Total Bank of Marin Cardmember Services: | | | | | 29,820.23 | 29,820.23 | | |
| Bellecci & Associates Inc | | | | | | | | |
| 355 | Bellecci & Associates Inc | 210068.00-000 | On-Call Inspection Services | 04/09/24 | 1,176.00 | .00 | | |
| Total Bellecci & Associates Inc: | | | | | 1,176.00 | .00 | | |
| Blocka Construction, Inc. | | | | | | | | |
| 3035 | Blocka Construction, Inc. | PAYMENT 4 | Digester MCC-2 Upgrade | 03/25/24 | 12,160.00 | .00 | | |
| Total Blocka Construction, Inc.: | | | | | 12,160.00 | .00 | | |
| Byers Law Office | | | | | | | | |
| 475 | Byers Law Office | 14759 | Legal Council - Mar 24 | 04/03/24 | 8,070.00 | 8,070.00 | 04/08/24 | |
| 475 | Byers Law Office | 14759 | Legal Council - Mar 24 - Additional payment | 04/03/24 | 2,370.00 | .00 | | |
| Total Byers Law Office: | | | | | 10,440.00 | 8,070.00 | | |
| CalPERS 457 Plan Deferred Comp | | | | | | | | |
| 555 | CalPERS 457 Plan Deferr | 3.22 PAYDATE | 457 Deferred Comp Paydate 3/22 | 04/05/24 | 11,520.14 | .00 | | |
| 555 | CalPERS 457 Plan Deferr | 4_5 PAYDATE | 457 Deferred Comp Paydate 4/5 | 04/10/24 | 11,507.64 | .00 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|---|------------------------------|----------------|---|--------------|--------------------|-------------|-----------|--------|
| Total CalPERS 457 Plan Deferred Comp: | | | | | 23,027.78 | .00 | | |
| CalPERS CERBT-OPEB | | | | | | | | |
| 560 | CalPERS CERBT-OPEB | 17499398 | CERBT-OPEB Payment- Apr | 04/08/24 | 11,630.00 | .00 | | |
| Total CalPERS CERBT-OPEB: | | | | | 11,630.00 | .00 | | |
| CALPERS Retirement | | | | | | | | |
| 575 | CALPERS Retirement | 3_22 RETIREM | EE & ER Retirement- Paydate 3/22 | 04/05/24 | 7,751.44 | .00 | | |
| 575 | CALPERS Retirement | 3_22 RETIREM | EE & ER Retirement- Paydate 3/22 | 04/05/24 | 10,047.68 | .00 | | |
| 575 | CALPERS Retirement | 3_22 RETIREM | EE & ER Retirement- Paydate 3/22 | 04/05/24 | 1,622.52 | .00 | | |
| 575 | CALPERS Retirement | 3_22 RETIREM | EE & ER Retirement- Paydate 3/22 | 04/05/24 | 4,119.14 | .00 | | |
| 575 | CALPERS Retirement | 3_22 RETIREM | EE & ER Retirement- Paydate 3/22 | 04/05/24 | 5,950.70 | .00 | | |
| 575 | CALPERS Retirement | 3_22 RETIREM | EE & ER Retirement- Paydate 3/22 | 04/05/24 | 2,577.76 | .00 | | |
| 575 | CALPERS Retirement | 4_5 RETIREM | EE & ER Retirement- Paydate 4/5 | 04/10/24 | 10,047.67 | .00 | | |
| 575 | CALPERS Retirement | 4_5 RETIREM | EE & ER Retirement- Paydate 4/5 | 04/10/24 | 7,751.46 | .00 | | |
| 575 | CALPERS Retirement | 4_5 RETIREM | EE & ER Retirement- Paydate 4/5 | 04/10/24 | 1,622.52 | .00 | | |
| 575 | CALPERS Retirement | 4_5 RETIREM | EE & ER Retirement- Paydate 4/5 | 04/10/24 | 4,119.14 | .00 | | |
| 575 | CALPERS Retirement | 4_5 RETIREM | EE & ER Retirement- Paydate 4/5 | 04/10/24 | 2,577.75 | .00 | | |
| 575 | CALPERS Retirement | 4_5 RETIREM | EE & ER Retirement- Paydate 4/5 | 04/10/24 | 5,970.29 | .00 | | |
| Total CALPERS Retirement: | | | | | 64,158.07 | .00 | | |
| Central Marin Sanitation Agency | | | | | | | | |
| 650 | Central Marin Sanitation A | INV01440 | FY24 Q3 Countywide Public Education Program | 04/08/24 | 4,126.80 | .00 | | |
| Total Central Marin Sanitation Agency: | | | | | 4,126.80 | .00 | | |
| Core Utilities, Inc. | | | | | | | | |
| 740 | Core Utilities, Inc. | 42709 | IT Services FY 2023/24 | 04/08/24 | 657.50 | .00 | | |
| 740 | Core Utilities, Inc. | 42709 | IT Services FY 2023/24 | 04/08/24 | 690.00 | .00 | | |
| 740 | Core Utilities, Inc. | 42709 | IT Services FY 2023/24 | 04/08/24 | 1,207.50 | .00 | | |
| Total Core Utilities, Inc.: | | | | | 2,555.00 | .00 | | |
| Direct Dental Administrators LLC | | | | | | | | |
| 925 | Direct Dental Administrator | 202403210000 | Admin Fees - Apr | 03/21/24 | 34.00 | .00 | | |
| 925 | Direct Dental Administrator | 202403210000 | Admin Fees - Apr | 03/21/24 | 16.00 | .00 | | |
| 925 | Direct Dental Administrator | 202403210000 | Admin Fees - Apr | 03/21/24 | 26.00 | .00 | | |
| 925 | Direct Dental Administrator | 202403210000 | Admin Fees - Apr | 03/21/24 | 65.00 | .00 | | |
| 925 | Direct Dental Administrator | 202403210000 | Admin Fees - Apr | 03/21/24 | 69.00 | .00 | | |
| 925 | Direct Dental Administrator | 202403210000 | Admin Fees - Apr | 03/21/24 | 47.00 | .00 | | |
| 925 | Direct Dental Administrator | D20240405-28 | Dental Payment | 03/31/24 | 611.85 | .00 | | |
| 925 | Direct Dental Administrator | D20240405-28 | Dental Payment | 03/31/24 | 260.00 | .00 | | |
| 925 | Direct Dental Administrator | D20240405-28 | Dental Payment | 03/31/24 | 1,647.58 | .00 | | |
| Total Direct Dental Administrators LLC: | | | | | 2,776.43 | .00 | | |
| Du-All Safety LLC | | | | | | | | |
| 960 | Du-All Safety LLC | 25198 | Safety & Training FY 2023-24 | 03/31/24 | 4,728.00 | .00 | | |
| Total Du-All Safety LLC: | | | | | 4,728.00 | .00 | | |
| East Bay Muni Utility District | | | | | | | | |
| 975 | East Bay Muni Utility Distri | 8042014 | BACC Participation Fee | 03/28/24 | 1,198.80 | .00 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|---------------------------------------|----------------------------|----------------|--|--------------|--------------------|-------------|-----------|--------|
| Total East Bay Muni Utility District: | | | | | 1,198.80 | .00 | | |
| Edelstein, Daniel | | | | | | | | |
| 985 | Edelstein, Daniel | 240401 | Canada Goose Addling Project & NPDES Permi | 04/05/24 | 4,138.25 | .00 | | |
| Total Edelstein, Daniel: | | | | | 4,138.25 | .00 | | |
| Electrical Equipment Co Inc | | | | | | | | |
| 995 | Electrical Equipment Co In | 702926 | Motor Rehabilitation HP 150 Jop Estimate No 00 | 04/05/24 | 3,297.67 | .00 | | |
| Total Electrical Equipment Co Inc: | | | | | 3,297.67 | .00 | | |
| EOA Inc | | | | | | | | |
| 1050 | EOA Inc | LG34-0024 | Technical support for NPDES Permits | 03/23/24 | 8,405.22 | .00 | | |
| 1050 | EOA Inc | LG34-0024 | Technical support for NPDES Permits | 03/23/24 | 1,483.28 | .00 | | |
| 1050 | EOA Inc | LG34-0124 | Technical support for NPDES Permits | 03/04/24 | 2,469.90 | .00 | | |
| 1050 | EOA Inc | LG34-0124 | Technical support for NPDES Permits | 03/04/24 | 10,290.99 | .00 | | |
| 1050 | EOA Inc | LG34-0124 | Technical support for NPDES Permits | 03/04/24 | 3,705.11 | .00 | | |
| Total EOA Inc: | | | | | 26,354.50 | .00 | | |
| Freyer & Laureta Inc | | | | | | | | |
| 1150 | Freyer & Laureta Inc | 24-145 | On-Call Construction & Engineering Contract | 04/01/24 | 4,690.00 | .00 | | |
| 1150 | Freyer & Laureta Inc | 24-146 | Smith Ranch Pump Station Electrical Upgrades | 04/01/24 | 538.50 | .00 | | |
| 1150 | Freyer & Laureta Inc | 24-146 | Emergency Bypass Pumping Analysis & Respo | 04/01/24 | 3,051.50 | .00 | | |
| Total Freyer & Laureta Inc: | | | | | 8,280.00 | .00 | | |
| Gardeners Guild | | | | | | | | |
| 1180 | Gardeners Guild | 116428 | Maintenance for APR | 04/01/24 | 2,153.00 | .00 | | |
| Total Gardeners Guild: | | | | | 2,153.00 | .00 | | |
| GHD Inc. | | | | | | | | |
| 1190 | GHD Inc. | 380-0048003 | Biosolids Program & Research Project Support | 03/28/24 | 170,952.53 | .00 | | |
| 1190 | GHD Inc. | 380-0048744 | Amendment #1 Terra Linda- Hwy 101 Sewer Cr | 04/04/24 | 9,061.60 | .00 | | |
| Total GHD Inc.: | | | | | 180,014.13 | .00 | | |
| Grainger | | | | | | | | |
| 1235 | Grainger | 9069590603 | Small tools | 03/28/24 | 252.48 | .00 | | |
| 1235 | Grainger | 9070690236 | Gasket Sheet | 03/29/24 | 3.78 | .00 | | |
| 1235 | Grainger | 9074618043 | Electrical Supplies | 04/03/24 | 224.33 | .00 | | |
| 1235 | Grainger | 9076108886 | Electrical Supplies | 04/04/24 | 77.93 | .00 | | |
| 1235 | Grainger | 9080533764 | Misc. Supplies | 04/09/24 | 177.05 | .00 | | |
| 1235 | Grainger | 9082540205 | Electrical Supplies | 04/10/24 | 449.78 | .00 | | |
| Total Grainger: | | | | | 1,185.35 | .00 | | |
| HASA Inc. | | | | | | | | |
| 3055 | HASA Inc. | 951905 | Chemicals | 04/09/24 | 15,194.28 | .00 | | |
| Total HASA Inc.: | | | | | 15,194.28 | .00 | | |
| Hazen and Sawyer | | | | | | | | |
| 1295 | Hazen and Sawyer | 20148-005-20 | 2024 Flow Monitoring for CS Hydraulic Model D | 04/04/24 | 39,706.55 | .00 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|---|-----------------------------|----------------|--|--------------|--------------------|-------------|-----------|--------|
| 1295 | Hazen and Sawyer | 20148-005-20 | Amendment 1 - Flow Monitoring for Collection S | 04/04/24 | 22,592.55 | .00 | | |
| 1295 | Hazen and Sawyer | 20148-007-04 | On-Call Contract for Engineering Services (202 | 04/04/24 | 11,550.00 | .00 | | |
| Total Hazen and Sawyer: | | | | | 73,849.10 | .00 | | |
| International Accreditation Service | | | | | | | | |
| 3530 | International Accreditation | INV0020645 | ELAP New Basic Flat RateNew Assm't Time | 04/05/24 | 2,400.00 | .00 | | |
| 3530 | International Accreditation | INV0020645 | ELAP New Basic Flat Rate | 04/05/24 | 2,400.00 | .00 | | |
| Total International Accreditation Service: | | | | | 4,800.00 | .00 | | |
| Jackson's Hardware Inc | | | | | | | | |
| 1385 | Jackson's Hardware Inc | 151635 | Misc Supplies | 04/01/24 | 21.84 | .00 | | |
| 1385 | Jackson's Hardware Inc | 152057 | Misc. Supplies | 04/05/24 | 35.78 | .00 | | |
| 1385 | Jackson's Hardware Inc | 152124 | Misc. Supplies | 04/08/24 | 5.33 | .00 | | |
| Total Jackson's Hardware Inc: | | | | | 62.95 | .00 | | |
| Jaycox Construction CNG | | | | | | | | |
| 1390 | Jaycox Construction CNG | LGSD241 | FuelMaker Preventative Maintenance Service - | 03/22/24 | 3,455.98 | .00 | | |
| Total Jaycox Construction CNG: | | | | | 3,455.98 | .00 | | |
| Kenwood Energy | | | | | | | | |
| 1445 | Kenwood Energy | LGVSD-2404 | Solar PV System Upgrades Assistance During | 04/05/24 | 4,758.75 | .00 | | |
| Total Kenwood Energy: | | | | | 4,758.75 | .00 | | |
| Linscott Engineering Contractors Inc | | | | | | | | |
| 1510 | Linscott Engineering Contr | 4263 | Aeration Basin Underdrain Investigation & Repa | 03/28/24 | 2,295.00 | .00 | | |
| 1510 | Linscott Engineering Contr | 4266 | Pump Base Replacement at McPhail PS | 04/01/24 | 3,500.00 | .00 | | |
| Total Linscott Engineering Contractors Inc: | | | | | 5,795.00 | .00 | | |
| Marin Ace | | | | | | | | |
| 1560 | Marin Ace | 72439 | Misc Supplies | 04/04/24 | 14.19 | .00 | | |
| Total Marin Ace: | | | | | 14.19 | .00 | | |
| Marin IJ | | | | | | | | |
| 3020 | Marin IJ | 0001407516 | Newspaper Subscription Delivery for 2023/2024 | 03/31/24 | 1,519.44 | .00 | | |
| Total Marin IJ: | | | | | 1,519.44 | .00 | | |
| McMaster-Carr | | | | | | | | |
| 1640 | McMaster-Carr | 24735608 | Strut Channel Brackets | 04/02/24 | 171.96 | .00 | | |
| Total McMaster-Carr: | | | | | 171.96 | .00 | | |
| Murray, Craig | | | | | | | | |
| 1710 | Murray, Craig | 2024 DC POLI | 2024 DC Policy Forum Reimbursement | 04/02/24 | 1,646.46 | 1,646.46 | 04/08/24 | |
| 1710 | Murray, Craig | MURRAY MED | Health Reimbursement - Apr 24 | 04/05/24 | 125.00 | .00 | | |
| Total Murray, Craig: | | | | | 1,771.46 | 1,646.46 | | |
| Napa Auto Parts Novato | | | | | | | | |
| 1725 | Napa Auto Parts Novato | 268690 | Parts | 01/16/24 | 31.87 | .00 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|--|---------------------------|----------------|-------------------------------------|--------------|--------------------|-------------|-----------|--------|
| 1725 | Napa Auto Parts Novato | 268692 | Antifreeze | 01/16/24 | 39.03 | .00 | | |
| 1725 | Napa Auto Parts Novato | 270423 | Oil/Fuel Filter | 01/29/24 | 34.70 | .00 | | |
| 1725 | Napa Auto Parts Novato | 271734 | Battery | 02/08/24 | 501.59 | .00 | | |
| 1725 | Napa Auto Parts Novato | 274931 | Battery | 03/04/24 | 263.90 | .00 | | |
| Total Napa Auto Parts Novato: | | | | | 871.09 | .00 | | |
| Operating Engineers Local No. 3 | | | | | | | | |
| 1850 | Operating Engineers Local | PAYDATE 1.26. | Union Dues 1/26/24 Paydate | 04/02/24 | 732.55 | 732.55 | 04/04/24 | |
| Total Operating Engineers Local No. 3: | | | | | 732.55 | 732.55 | | |
| PAC Machine Co Inc | | | | | | | | |
| 1875 | PAC Machine Co Inc | 93904 | Submersible Trash Pump with Adaptor | 03/29/24 | 1,981.80 | .00 | | |
| Total PAC Machine Co Inc: | | | | | 1,981.80 | .00 | | |
| PACE Supply | | | | | | | | |
| 1880 | PACE Supply | 049418437 | Misc Supplies | 04/10/24 | 619.99 | .00 | | |
| Total PACE Supply: | | | | | 619.99 | .00 | | |
| Platt Electric Supply | | | | | | | | |
| 1995 | Platt Electric Supply | 5B15248 | Electrical Supplies | 04/02/24 | 30.14 | .00 | | |
| 1995 | Platt Electric Supply | 6Z40575 | Misc. Supplies | 04/09/24 | 28.97 | .00 | | |
| Total Platt Electric Supply: | | | | | 59.11 | .00 | | |
| Rathlin Properties LLC | | | | | | | | |
| 2075 | Rathlin Properties LLC | MAY 24 RENT | Monthly Rent - May | 04/05/24 | 9,574.00 | .00 | | |
| Total Rathlin Properties LLC: | | | | | 9,574.00 | .00 | | |
| Retiree Augusto | | | | | | | | |
| 2120 | Retiree Augusto | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 184.72 | .00 | | |
| Total Retiree Augusto: | | | | | 184.72 | .00 | | |
| Retiree Burgess | | | | | | | | |
| 2125 | Retiree Burgess | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 167.79 | .00 | | |
| Total Retiree Burgess: | | | | | 167.79 | .00 | | |
| Retiree Cummins | | | | | | | | |
| 2130 | Retiree Cummins | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 167.79 | .00 | | |
| Total Retiree Cummins: | | | | | 167.79 | .00 | | |
| Retiree Cutri | | | | | | | | |
| 2135 | Retiree Cutri | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 526.44 | .00 | | |
| Total Retiree Cutri: | | | | | 526.44 | .00 | | |
| Retiree Emanuel | | | | | | | | |
| 2140 | Retiree Emanuel | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 291.15 | .00 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|--------------------------|-------------------|----------------|------------------------------|--------------|--------------------|-------------|-----------|--------|
| Total Retiree Emanuel: | | | | | 291.15 | .00 | | |
| Retiree Gately | | | | | | | | |
| 2145 | Retiree Gately | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 291.15 | .00 | | |
| Total Retiree Gately: | | | | | 291.15 | .00 | | |
| Retiree Guion | | | | | | | | |
| 2150 | Retiree Guion | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 291.15 | .00 | | |
| Total Retiree Guion: | | | | | 291.15 | .00 | | |
| Retiree Kermoian | | | | | | | | |
| 2155 | Retiree Kermoian | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 167.79 | .00 | | |
| Total Retiree Kermoian: | | | | | 167.79 | .00 | | |
| Retiree Mandler | | | | | | | | |
| 2160 | Retiree Mandler | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 167.79 | .00 | | |
| Total Retiree Mandler: | | | | | 167.79 | .00 | | |
| Retiree Memmott | | | | | | | | |
| 2170 | Retiree Memmott | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 229.55 | .00 | | |
| Total Retiree Memmott: | | | | | 229.55 | .00 | | |
| Retiree Petrie | | | | | | | | |
| 2175 | Retiree Petrie | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 184.72 | .00 | | |
| Total Retiree Petrie: | | | | | 184.72 | .00 | | |
| Retiree Pettey | | | | | | | | |
| 2180 | Retiree Pettey | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 209.01 | .00 | | |
| Total Retiree Pettey: | | | | | 209.01 | .00 | | |
| Retiree Reetz | | | | | | | | |
| 2185 | Retiree Reetz | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 492.58 | .00 | | |
| Total Retiree Reetz: | | | | | 492.58 | .00 | | |
| Retiree Reilly | | | | | | | | |
| 2190 | Retiree Reilly | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 167.79 | .00 | | |
| Total Retiree Reilly: | | | | | 167.79 | .00 | | |
| Retiree Vine | | | | | | | | |
| 2195 | Retiree Vine | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 167.79 | .00 | | |
| Total Retiree Vine: | | | | | 167.79 | .00 | | |
| Retiree Wettstein | | | | | | | | |
| 2200 | Retiree Wettstein | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 826.00 | .00 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|--|-----------------------------|----------------|--|--------------|--------------------|-------------|-----------|--------|
| Total Retiree Wettstein: | | | | | 826.00 | .00 | | |
| Retiree Williams | | | | | | | | |
| 2205 | Retiree Williams | MAY 24 | Retiree Health Reimbursement | 04/10/24 | 826.00 | .00 | | |
| Total Retiree Williams: | | | | | 826.00 | .00 | | |
| Rexel USA Inc. | | | | | | | | |
| 3595 | Rexel USA Inc. | S138050860.0 | Human Interface Module | 04/04/24 | 501.10 | .00 | | |
| Total Rexel USA Inc.: | | | | | 501.10 | .00 | | |
| Ridgeline Municipal Strategies | | | | | | | | |
| 3320 | Ridgeline Municipal Strateg | 23007-02 | Misc. Financial Reporting | 04/01/24 | 1,350.00 | .00 | | |
| Total Ridgeline Municipal Strategies: | | | | | 1,350.00 | .00 | | |
| Robards, Gary | | | | | | | | |
| 2235 | Robards, Gary | ROBARDS ME | Health Reimbursement Apr | 04/05/24 | 200.00 | .00 | | |
| Total Robards, Gary: | | | | | 200.00 | .00 | | |
| Roy's Sewer Service | | | | | | | | |
| 2260 | Roy's Sewer Service | 224552 | Cleaned & Televis 6" Line in Sewer Plant | 03/25/24 | 3,600.00 | .00 | | |
| Total Roy's Sewer Service: | | | | | 3,600.00 | .00 | | |
| Satcom Global | | | | | | | | |
| 2310 | Satcom Global | A104240203 | Satelite Phone Service | 04/01/24 | 56.77 | .00 | | |
| 2310 | Satcom Global | A104240203 | Satelite Phone Service | 04/01/24 | 56.77 | .00 | | |
| 2310 | Satcom Global | A104240203 | Satelite Phone Service | 04/01/24 | 56.77 | .00 | | |
| Total Satcom Global: | | | | | 170.31 | .00 | | |
| Sun Life Financial - LIFE & ADD | | | | | | | | |
| 2460 | Sun Life Financial - LIFE & | APRIL 2024 | Life & ADD - Apr | 03/15/24 | 93.37 | .00 | | |
| 2460 | Sun Life Financial - LIFE & | APRIL 2024 | Life & ADD - Apr | 03/15/24 | 130.76 | .00 | | |
| 2460 | Sun Life Financial - LIFE & | APRIL 2024 | Life & ADD - Apr | 03/15/24 | 308.06 | .00 | | |
| 2460 | Sun Life Financial - LIFE & | APRIL 2024 | Life & ADD - Apr | 03/15/24 | 298.00 | .00 | | |
| 2460 | Sun Life Financial - LIFE & | APRIL 2024 | Life & ADD - Apr | 03/15/24 | 764.00 | .00 | | |
| 2460 | Sun Life Financial - LIFE & | APRIL 2024 | Life & ADD - Apr | 03/15/24 | 271.00 | .00 | | |
| Total Sun Life Financial - LIFE & ADD: | | | | | 1,865.19 | .00 | | |
| Sun Life Financial - LTD | | | | | | | | |
| 2465 | Sun Life Financial - LTD | APR 2024 | LTD - Apr | 03/15/24 | 207.88 | .00 | | |
| 2465 | Sun Life Financial - LTD | APR 2024 | LTD - Apr | 03/15/24 | 350.83 | .00 | | |
| 2465 | Sun Life Financial - LTD | APR 2024 | LTD - Apr | 03/15/24 | 621.09 | .00 | | |
| 2465 | Sun Life Financial - LTD | APR 2024 | LTD - Apr | 03/15/24 | 652.45 | .00 | | |
| 2465 | Sun Life Financial - LTD | APR 2024 | LTD - Apr | 03/15/24 | 275.14 | .00 | | |
| 2465 | Sun Life Financial - LTD | APR 2024 | LTD - Apr | 03/15/24 | 441.14 | .00 | | |
| Total Sun Life Financial - LTD: | | | | | 2,548.53 | .00 | | |
| Terryberry | | | | | | | | |
| 2530 | Terryberry | Q27385 | Employee Recognition - A Taverna | 03/28/24 | 145.17 | .00 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|---|--------------------------|----------------|--|--------------|--------------------|-------------|-----------|--------|
| Total Terryberry: | | | | | 145.17 | .00 | | |
| United Site Services | | | | | | | | |
| 2650 | United Site Services | INV-4385293 | Porta Potties at plant | 03/30/24 | 1,544.06 | .00 | | |
| Total United Site Services: | | | | | 1,544.06 | .00 | | |
| Univar USA Inc. | | | | | | | | |
| 2655 | Univar USA Inc. | 51966137 | Sodium Bisulfite | 03/26/24 | 6,518.43 | .00 | | |
| Total Univar USA Inc.: | | | | | 6,518.43 | .00 | | |
| USA BlueBook | | | | | | | | |
| 2680 | USA BlueBook | INV00318573 | Raven Sludge Interface/Detector Base | 03/28/24 | 124.62 | .00 | | |
| Total USA BlueBook: | | | | | 124.62 | .00 | | |
| Vision Service Plan | | | | | | | | |
| 2720 | Vision Service Plan | 820115883 | Vision Coverage | 03/19/24 | 43.38 | .00 | | |
| 2720 | Vision Service Plan | 820115883 | Vision Coverage | 03/19/24 | 65.07 | .00 | | |
| 2720 | Vision Service Plan | 820115883 | Vision Coverage | 03/19/24 | 65.07 | .00 | | |
| 2720 | Vision Service Plan | 820115883 | Vision Coverage | 03/19/24 | 86.76 | .00 | | |
| 2720 | Vision Service Plan | 820115883 | Vision Coverage | 03/19/24 | 130.14 | .00 | | |
| 2720 | Vision Service Plan | 820115883 | Vision Coverage | 03/19/24 | 151.83 | .00 | | |
| Total Vision Service Plan: | | | | | 542.25 | .00 | | |
| Water Components & Building Supply | | | | | | | | |
| 2740 | Water Components & Build | 30634032 | Misc. Supplies | 04/05/24 | 700.85 | .00 | | |
| 2740 | Water Components & Build | 30634130 | Concrete | 04/09/24 | 302.88 | .00 | | |
| Total Water Components & Building Supply: | | | | | 1,003.73 | .00 | | |
| West Yost | | | | | | | | |
| 2775 | West Yost | 2057458 | Grant funding, tracking and application services | 02/29/24 | 1,988.25 | .00 | | |
| Total West Yost: | | | | | 1,988.25 | .00 | | |
| Woodland Center Auto Supply Inc. | | | | | | | | |
| 2805 | Woodland Center Auto Sup | 857580 | Misc. Supplies | 04/05/24 | 93.33 | .00 | | |
| Total Woodland Center Auto Supply Inc.: | | | | | 93.33 | .00 | | |
| Yezman, Crystal | | | | | | | | |
| 2830 | Yezman, Crystal | YEZMAN MED | Health Reimbursement Apr | 04/05/24 | 200.00 | .00 | | |
| Total Yezman, Crystal: | | | | | 200.00 | .00 | | |
| Grand Totals: | | | | | 576,112.74 | 40,269.24 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|--------|-------------|----------------|-------------|--------------|-----------------------|-------------|-----------|--------|
|--------|-------------|----------------|-------------|--------------|-----------------------|-------------|-----------|--------|

Board Member: _____

General Manager: _____

Finance Manager: _____

Agenda Item 4 C
Date April 18, 2024

Directors' Meeting Attendance Recap

| <u>Name</u> | <u>Total Meetings</u> |
|----------------|-----------------------|
| Megan Clark | 6 |
| Ron Ford | 1 |
| Craig Murray | 6 |
| Gary Robards | 6 |
| Crystal Yezman | <u>3</u> |
| Total | <u><u>22</u></u> |

Meeting Date: 4/18/2024
Paydate: 4/19/2024



101 Lucas Valley Road, Suite 300, San Rafael, CA 94903

Office: 415.472.1734 Fax: 415.499.7715

BOARD MEMBER ATTENDANCE FORM

MARCH^{me}
~~FEB~~, 2024

Director's Name: MEGAN CLARK

Month: ~~FEB~~, 2024

Board Members shall be compensated for up to the legal limit of six (6) meetings per month and one (1) per day. Board members are limited to four (4) conferences or seminars per year. For multi-day conferences, compensation shall be at a maximum of one (1) meeting per day.

| REGULAR and SPECIAL MEETINGS | | CHARGING DISTRICT | |
|------------------------------|------------------------|-------------------|----|
| Date | Description of meeting | Yes | No |
| 7 | REG, | X | |
| 27 | REG, | X | |
| | | | |
| | | | |
| TOTAL | | 2 | |

| OTHER MEETINGS | | CHARGING DISTRICT | |
|----------------|------------------------|-------------------|----|
| Date | Description of meeting | Yes | No |
| 1 | NBWA - REG | X | |
| 5 | " - CONF. | X | |
| 18 | WORK FORCE - ZOOM | X | |
| 19 | NBWA - CONF | X | |
| TOTAL | | 4 | |

Total Meetings for which I am Requesting Payment:
Max of six (6) per Health & Safety Code §4733 6

I hereby certify that the meetings as set forth above are true and correct and are for the purpose of conducting official business for the Las Gallinas Valley Sanitary District

Megan Clark 3-21-24
 Director Signature Date
[Signature] 4/5/24
 Administrative Services Manager Approved Date
[Signature] 3/25/24
 Board Secretary Received 24 Date



101 Lucas Valley Road, Suite 300, San Rafael, CA 94903
Office: 415.472.1734 Fax: 415.499.7715
BOARD MEMBER ATTENDANCE FORM

Director's Name: RON FORD Month: 03/2024

Board Members shall be compensated for up to the legal limit of six (6) meetings per month and one (1) per day. Board members are limited to four (4) conferences or seminars per year. For multi-day conferences, compensation shall be at a maximum of one (1) meeting per day.

| REGULAR and SPECIAL MEETINGS | | CHARGING DISTRICT | |
|------------------------------|------------------------|-------------------|----|
| Date | Description of meeting | Yes | No |
| 3/07 | REG. BOARD | ✓ | |
| | | | |
| | | | |
| | | | |
| TOTAL | | 1 | |

| OTHER MEETINGS | | CHARGING DISTRICT | |
|----------------|------------------------|-------------------|----|
| Date | Description of meeting | Yes | No |
| | | | |
| | | | |
| | | | |
| | | | |
| TOTAL | | 0 | |

| | |
|--|----------|
| Total Meetings for which I am Requesting Payment: Max of six (6) per Health & Safety Code §4733 | 1 |
|--|----------|

I hereby certify that the meetings as set forth above are true and correct and are for the purpose of conducting official business for the Las Gallinas Valley Sanitary District.

Ronald Ford
Director Signature

[Signature]
Administrative Services Manager Approved

[Signature]
Board Secretary Received

03/25/2024
Date

4/5/24
Date

3/25/24
Date



101 Lucas Valley Road, Suite 300, San Rafael, CA 94903

Office: 415.472.1734 Fax: 415.499.7715

BOARD MEMBER ATTENDANCE FORM

Director's Name: MURRAY, Craig K. Month: March 2024

Board Members shall be compensated for up to the legal limit of six (6) meeting per month and one (1) per day. Board members are limited to four (4) conferences or seminars per year. For multi-day conferences, compensation shall be at a maximum of one (1) meeting per day.

| REGULAR and SPECIAL MEETINGS | | CHARGING DISTRICT | |
|------------------------------|------------------------|-------------------|----|
| Date | Description of meeting | Yes | No |
| 3/7/24 | Board Meeting | X | |
| 3/21/24 | Board Meeting | X | |
| TOTAL | | 2/2 | |

| OTHER MEETINGS | | CHARGING DISTRICT | |
|----------------|---|-------------------|----|
| Date | Description of meeting | Yes | No |
| 3/3,30/24 | Merrydale Road/Las Gallinas Creek Headwater Litter & Debris Removal c/o City of San Rafael: 3/3 0.5 hrs; 3/30 1.5 hrs Meeting with City of San Rafael, Zero Waste to Audit, Clean Merrydale Road Sections | | XX |
| 3/13/24 | International Right of Way Association, Cal Trans District 4 Traffic Management Center (TMC) and Boat Inspection Division Presentation, Tour - Oakland | | X |
| 3/14/24 | EESI IRA + IJJA Progress Report – Washington DC | X | |
| 3/22/24 | CALAFCo Statewide Legislative Committee Review | | X |
| 3/22/24 | 2024 Ethics AB 1234 Compliance Training – Gary Bell, Colantuono, Highsmith & Whatley PC. California Special Districts Association (CSDA) | X | |
| 3/25/24 | State of CA CARB Workshop on Proposed Amendments to the Advanced Clean Fleet Regulation (CASA: All Hands Mtg.) | X | |
| 3/27/24 | IRWA Carbon Capture, Utilization & Storage for Land Professionals | X | |
| 3/28/24 | CASA Air Quality, Climate Change & Energy (ACE) Workgroup Meeting | X | |
| 3/28/24 | Wastewater Facility – Tenant Space Tour - Watershed Native Plant Nursery – Richmond Canal Avenue WWTP Facility | | X |
| 3/28/24 | Marin LAFCo Legislative Subcommittee | | X |
| TOTAL | | 5/11 | |

Handwritten: 7/13

| | |
|--|-------------|
| Total Meetings for which I am Requesting Payment: Max of six (6) per Health & Safety Code §4733 | 7/13 |
|--|-------------|

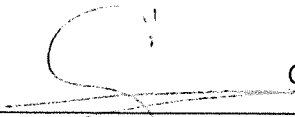
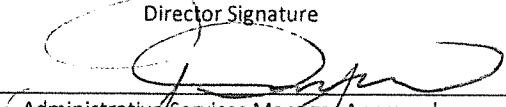
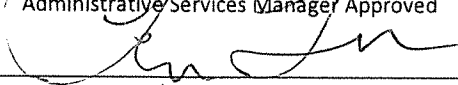


101 Lucas Valley Road, Suite 300, San Rafael, CA 94903

Office: 415.472.1734 Fax: 415.499.7715

BOARD MEMBER ATTENDANCE FORM

I hereby certify that the meetings as set forth above are true and correct and are for the purpose of conducting official business for the Las Gallinas Valley Sanitary District.

| | | |
|--|-----------------|--------------------------|
|  _____ Director Signature | Craig K. Murray | March 25, 2024 |
|  _____ Administrative Services Manager Approved | | _____ Date 4/5/24 |
|  _____ Board Secretary Received | | _____ Date 3/25/24 |

BOARD MEMBER ATTENDANCE FORM

Director's Name: GARY ROBARDS Month: March 2024

Board Members shall be compensated for up to the legal limit of six (6) meetings per month and one (1) per day. Board members are limited to four (4) conferences or seminars per year. For multi-day conferences, compensation shall be at a maximum of one (1) meeting per day.

| REGULAR and SPECIAL MEETINGS | | CHARGING DISTRICT | |
|------------------------------|------------------------|-------------------|----|
| Date | Description of meeting | Yes | No |
| 3/7 | Board Meeting | X | |
| 3/21 | Board Meeting | X | |
| | | | |
| | | | |
| TOTAL | | 2 | |

| OTHER MEETINGS | | CHARGING DISTRICT | |
|----------------|----------------------------|-------------------|----|
| Date | Description of meeting | Yes | No |
| 3/6 | Gallinas Watershed Council | X | |
| 3/11 → 3/14 | Water Reuse Symposium | 3 | 1 |
| 3/27 | Eat tails at Marsh | | X |
| | | | |
| TOTAL | | | |

| | |
|--|---|
| Total Meetings for which I am Requesting Payment: Max of six (6) per Health & Safety Code §4733 | 6 |
|--|---|

I hereby certify that the meetings as set forth above are true and correct and are for the purpose of conducting official business for the Las Gallinas Valley Sanitary District.

[Signature]

Director Signature

3/26/2024

Date

[Signature]

Administrative Services Manager Approved

4/5/24

Date

[Signature]

Board Secretary Received

3/26/24

Date



101 Lucas Valley Road, Suite 300, San Rafael, CA 94903

Office: 415.472.1734 Fax: 415.499.7715

BOARD MEMBER ATTENDANCE FORM

Director's Name: _____ Crystal Yezman _____ Month: _____ March 2024 _____

Board Members shall be compensated for up to the legal limit of six (6) meetings per month and one (1) per day. Board members are limited to four (4) conferences or seminars per year. For multi-day conferences, compensation shall be at a maximum of one (1) meeting per day.

| REGULAR and SPECIAL MEETINGS | | CHARGING DISTRICT | |
|------------------------------|------------------------|-------------------|----|
| Date | Description of meeting | Yes | No |
| 03/07/2024 | Regular Board Mtg | X | |
| 3/21/2024 | Regular Board Mtg | X | |
| | | | |
| | | | |
| TOTAL | | 2 | |

| OTHER MEETINGS | | CHARGING DISTRICT | |
|----------------|---|-------------------|----|
| Date | Description of meeting | Yes | No |
| 3/27/2023 | Flood Control Zone 7 Advisory Board Meeting | X | |
| | | | |
| | | | |
| | | | |
| TOTAL | | 1 | |

| | |
|--|----------|
| Total Meetings for which I am Requesting Payment: Max of six (6) per Health & Safety Code §4733 | 3 |
|--|----------|

I hereby certify that the meetings as set forth above are true and correct and are for the purpose of conducting official business for the Las Gallinas Valley Sanitary District.

Director Signature

04/02/2024

Date

Administrative Services Manager Approved

4/5/24

Date

Board Secretary Received

29 4/2/24

Date

AGENDA ITEM 4D
DATE April 18, 2024



BOARD MEMBER CONFERENCE/ MEETING/WEBINAR ATTENDANCE REQUEST

Date: 4/8/24 Name: MURRAY, Craig K.

I would like to attend the Using GIS for State and Local Government Asset Management Webinar Series: April 2024 Session: GIS for Lead Line Identification and Safe Water Solutions Meeting of Asset Mapping Geospatial Virtual Events

To be held on the 16th day of April from 900am a.m. / p.m. to 16th day of April from to 1130am a.m. / p.m.

Location of meeting: Online

Actual meeting date(s): April 16 2024

Meeting Type: (In person/Webinar/Conference) Webinar

Purpose of Meeting: Updates in GIS and service line inventory, metal lead line identification and safe water solutions

Meeting relevance to District: Industry Updates from GIS and Land Data Management Professionals.

Request assistance from Board Secretary to register for Conference: YES NO

Board Directors to make their own Hotel Reservations and book their own transportation including airfare, taxi and/or shuttles.

Frequency of Meeting: 1x

Estimated Costs of Travel (if applicable): \$0 N/A

Date submitted to Board Secretary: 4/8/24

Board approval obtained on Date: _____

AGENDA ITEM 4E
DATE April 18, 2024



BOARD MEMBER CONFERENCE/ MEETING/WEBINAR ATTENDANCE REQUEST

Date: 4/4/24 Name: CRAIG K. MURRAY

I would like to attend the NBWA CONFERENCE Meeting
of NBWA

To be held on the 19th day of April from 8 a.m. / p.m. to
19th day of April from 5 a.m. / p.m.

Location of meeting: SONOMA STATE UNIVERSITY

Actual meeting date(s): 4/19/24

Meeting Type: (In person/Webinar/Conference) IN PERSON CONF.

Purpose of Meeting: UPDATES ON WATER RESERVE

Meeting relevance to District: REGULATORY MTG.

Board Members to register for Webinars and Meetings

YES NO

Request assistance from Board Secretary to register for Conference only:

Board Directors to make their own Hotel Reservations and book their own transportation including airfare, taxi and/or shuttles.

Frequency of Meeting: 1x

Estimated Costs of Travel (if applicable): 4200

Date submitted to Board Secretary: 4/4/24

Board approval obtained on Date: _____

Please submit this form to the Board Secretary no later than 1 week prior to the Board Meeting.



Item Number 4F
GM Review CP

Agenda Summary Report

To: Board of Directors
From: Mel Liebmann, Plant Manager mliebmann@lgvsd.org 415-526-1526
Mtg. Date: April 18, 2024
Re: Contract Proposal for Furnishing Liquid Sodium Hypochlorite (12.5% Concentration) during the twelve-month period of July 1, 2024 to June 30, 2025.
Item Type: Consent Discussion Information Other
Standard Contract: Yes No (See attached) Not Applicable

STAFF RECOMMENDATION

Board to approve Univar Solutions USA LLC Contract Proposal for Furnishing Liquid Sodium Hypochlorite (12.5% Concentration) during the twelve-month period of July 1, 2024 to June 30, 2025.

BACKGROUND

As a member agency of the Bay Area Chemical Consortium (BACC), District staff received all documents and correspondence relating to the solicitation of bids to furnish sodium hypochlorite for the twelve-month period of July 1, 2024 to June 30, 2025 from the BACC administrating agency, Dublin San Ramon Services District (DSRSD). Sodium Hypochlorite is used for disinfection to remain in compliance with the Wastewater Treatment Plant NPDES and recycled water permit requirements.

In 2015, BACC members voted to approve the ability for vendors to submit bids for sodium hypochlorite by geographic region. LGVSD is a member agency located in the Marin-Sonoma-Napa region. DSRSD received bids from two vendors, Univar USA Inc. and Olin Corporation. The BACC bid review document revealed that Univar USA Inc. was the lowest responsive bid for the Marin/Sonoma/Napa region. Olin Corporation bid was responsive but not the lowest price for the Marin-Sonoma-Napa region.

BACC 2024
Bid Tabulation

| Bidder | Unit Price Per Gallon |
|------------------|-----------------------|
| Univar USA Inc. | \$3.25 |
| Olin Corporation | \$3.29 |

BACC 2023
Bid Tabulation

| Bidder | Unit Price Per Gallon |
|------------------|-----------------------|
| Hasa, Inc. | \$2.88 |
| Olin Corporation | \$2.99 |
| Univar USA Inc. | \$3.25 |



A copy of the Notice of Intent to Award Contract in Response to BACC Bid No. 13-2024 for Supply and Delivery of 12.5% Sodium Hypochlorite addressed to Univar USA Inc. was received from DSRSD on March 18, 2023. DSRSD advised BACC member agencies in the Marin/Sonoma/Napa region to contact Univar USA Inc. to arrange for purchasing sodium hypochlorite (12.5%) for the period of July 1, 2024 to June 30, 2025.

The District benefits from being a BACC member agency by leveraging the buying power of multiple agencies to receive the best pricing for bulk chemicals. There is also an additional benefit of reduced staff time that is dedicated to bid process administration. This allows staff the ability to focus on the many current and future projects that the District is currently undertaking or planning for.

PREVIOUS BOARD ACTION

At the April 6, 2023 regular meeting, the Board approved a 12-month contract to Hasa Inc. to furnish liquid sodium hypochlorite (12.5% concentration) beginning July 1, 2023 and ending June 30, 2024.

ENVIRONMENTAL REVIEW:

NA

FISCAL IMPACT:

The draft FY2024/2025 budgeted amount for sodium hypochlorite is \$206,200.



Item Number _____ 4G _____
 GM Review _____ CP _____

Agenda Summary Report

To: Board of Directors
From: Mel Liebmann, Plant Manager mliebmann@lgvsd.org 415-526-1526
Mtg. Date: April 18, 2024
Re: Contract Proposal for Furnishing Liquid Ferric Chloride during the twelve-month period of July 1, 2024 to June 30, 2025.
Item Type: Consent Action _____ Information _____ Other _____
Standard Contract: Yes No _____ (See attached) Not Applicable _____

STAFF RECOMMENDATION

Board to approve Kemira Water Solutions, Inc. Proposal for Furnishing Liquid Ferric Chloride during the twelve-month period of July 1, 2024 to June 30, 2025

BACKGROUND

As a member agency of the Bay Area Chemical Consortium (BACC), District staff received all documents and correspondence relating to the solicitation of bids to furnish Ferric Chloride for the twelve-month period of July 1, 2024, to June 30, 2025, from the BACC administrating agency, Dublin San Ramon Services District (DSRSD). Ferric Chloride has two uses at the treatment plant: chemically enhanced primary treatment (CEPT) and for the reduction of sulfides in the anaerobic digestion process.

CEPT is a treatment strategy used during high flows that enhances solids capture in the primary clarifiers. This improves the performance of all downstream processes and in turn increases the plant's ability to remain in compliance with the Wastewater Treatment Plant NPDES permit requirements. A small amount of ferric chloride is also injected into the solids pumped to the anaerobic digesters all year long. The resulting chemical reaction with sulfide ion in the sludge reduces the formation of hydrogen sulfide gas which would have to be removed by the filtration system in the biogas conditioning skid. Without ferric chloride addition, the system's hydrogen sulfide filtration media would need to be changed with greater frequency. Maintaining low sulfide levels in flared digester gas is also a Bay Area Air Quality Management District (BAAQMD) permit requirement.

In 2015, BACC members voted to approve the ability for vendors to submit bids for ferric chloride by geographic region. LGVSD is a member agency located in the Marin-Sonoma-Napa region. Review of the DSRSD documents revealed that Kemira Water Solutions, Inc. was the lowest responsive bidder for the Marin-Sonoma-Napa region. Pencco, Inc.'s bid was found to be responsive but not the lowest priced for the Marin-Sonoma-Napa region.

BACC 2024
 Bid Tabulation

| Bidder | Unit Price Per Dry Ton |
|------------------------------|------------------------|
| Kemira Water Solutions, Inc. | \$1573.00 |
| Pencco, Inc. | \$1700.00 |



BACC 2023
Bid Tabulation

| Bidder | Unit Price Per Dry Ton |
|------------------------------|------------------------|
| Kemira Water Solutions, Inc. | \$1498.00 |
| Pencco, Inc. | \$1700.00 |

A copy of the Notice of Intent to Award Contract in Response to BACC Bid No. 6-2024 for Supply and Delivery of Ferric Chloride addressed to Kemira Water Solutions, Inc. was received from DSRSD on March 18, 2024. DSRSD advised BACC member agencies in the Marin/Sonoma/Napa region to contact Kemira Water Solutions, Inc. to arrange for purchasing Ferric Chloride for the period of July 1, 2024 to June 30, 2025.

The District benefits from being a BACC member agency by leveraging the buying power of multiple agencies to receive the best pricing for bulk chemicals. There is also an additional benefit of reduced staff time that is dedicated to bid process administration. This allows staff the ability to focus on the many current and future projects that the District is in the process of undertaking.

PREVIOUS BOARD ACTION

At the April 6, 2023, meeting, the board approved a contract with Kemira Water Solutions, Inc. to furnish liquid ferric chloride for the twelve-month period from July 1, 2023 to June 30, 2024.

ENVIRONMENTAL REVIEW

NA

FISCAL IMPACT

The draft FY2024/2025 budgeted amount for liquid Ferric Chloride is \$48,000.



Item Number 4H
 GM Review CP

Agenda Summary Report

To: Board of Directors
From: Mel Liebmann, Plant Manager mliebmann@lgsd.org 415-526-1526
Mtg. Date: April 18, 2024
Re: Contract Proposal for Furnishing Liquid Sodium Bisulfite (25% Concentration) during the twelve-month period of July 1, 2024 to June 30, 2025.
Item Type: Consent Discussion Information Other
Standard Contract: Yes No (See attached) Not Applicable

STAFF RECOMMENDATION

Board to approve Thatcher Company of California, Inc. Contract Proposal for Furnishing Liquid Sodium Bisulfite (25% Concentration) during the twelve-month period of July 1, 2024, to June 30, 2025.

BACKGROUND

As a member agency of the Bay Area Chemical Consortium (BACC), District staff received all documents and correspondence relating to the solicitation of bids to furnish sodium bisulfite for the twelve-month period of July 1, 2024, to June 30, 2025 from the BACC administrating agency, Dublin San Ramon Services District (DSRSD). Sodium bisulfite is used for de-chlorination of plant effluent disinfected with sodium hypochlorite to remain in compliance with the Wastewater Treatment Plant NPDES permit requirements.

In 2015, BACC members voted to approve the ability for vendors to submit bids for sodium bisulfite by geographic region. LGVSD is a member agency located in the Marin-Sonoma-Napa region. The DSRSD received bids from only two vendors, Thatcher Company of California, Inc. and Univar USA Inc. The BACC bid review document revealed that Thatcher Company of California, Inc. was the lowest responsive bid.

BACC 2024
 Bid Tabulation

| Bidder | Unit Price Per Gallon |
|--------------------------------------|-----------------------|
| Thatcher Company of California, Inc. | \$1.64 |
| Univar USA Inc. | \$2.045 |

BACC 2023
 Bid Tabulation

| Bidder | Unit Price Per Gallon |
|-----------------|-----------------------|
| Univar USA Inc. | \$1.845 |



A copy of the Notice of Intent to Award Contract in Response to BACC Bid No. 11-2024 for Supply and Delivery of 25% Sodium Bisulfite addressed to Thatcher Company of California, Inc. was received from the Dublin San Ramon Services District (DSRSD) on March 18, 2024. DSRSD advised BACC member agencies in the Marin/Sonoma/Napa region to contact Univar USA Inc. to arrange for purchasing sodium bisulfite (25%) for period of July 1, 2024 to June 30, 2025.

The District benefits from being a BACC member agency by leveraging the buying power of multiple agencies to receive the best pricing for bulk chemicals. There is also an additional benefit of reduced staff time that is dedicated to bid process administration. This allows staff the ability to focus on the many current and future projects that the District is in the process of undertaking.

PREVIOUS BOARD ACTION

At the April 16, 2023 regular meeting, the Board approved a 12-month contract to Univar Solutions to furnish liquid sodium bisulfite (25% concentration) & liquid sodium hypochlorite (12.5% Concentration) beginning July 1, 2023 and ending June 30, 2024.

ENVIRONMENTAL REVIEW:

NA

FISCAL IMPACT:

The draft FY2024/2025 budgeted amount for sodium bisulfite is \$139,000.00.



ORDER REGARDING PUBLICATION

The Board of Directors finds that Ordinance 194, passed by the Board on March 21, 2024 was published in the Marin Independent Journal on March 7 and March 14, 2024 as required by the California Health and Safety Code and have been available for inspection at the District's offices and on its website. This Order constitutes conclusive evidence of compliance with requirements for publication and posting of this ordinance. This Order shall be posted at the following locations and is available for inspection at the District's office.

The Order shall be posted in the following locations in the District, as follows:

1. Las Gallinas Valley Sanitary District Administrative Office
101 Lucas Valley Road, Suite 300
San Rafael, California 94903
2. Las Gallinas Valley Sanitary District Web Site
www.lgvsd.org

Signed this date at San Rafael, Marin County, California:

Date

Craig K. Murray, President
Las Gallinas Valley Sanitary District

Marin Independent Journal

4000 Civic Center Drive, Suite 301
San Rafael, CA 94903
415-382-7335
legals@marinij.com

2074259

LAS GALLINAS VALLEY SANITARY
101 LUCAS VALLEY RD SUITE#300
SAN RAFAEL, CA 94903

**PROOF OF PUBLICATION
(2015.5 C.C.P.)**

**STATE OF CALIFORNIA
County of Marin**

I am a citizen of the United States and a resident of the County aforesaid: I am over the age of eighteen years, and not a party to or interested in the above matter. I am the principal clerk of the printer of the MARIN INDEPENDENT JOURNAL, a newspaper of general circulation, printed and published daily in the County of Marin, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Marin, State of California, under date of FEBRUARY 7, 1955, CASE NUMBER 25568; that the notice, of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

03/07/2024, 03/14/2024

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

Dated this 14th day of March, 2024.



Signature

PROOF OF PUBLICATION

Legal No. **0006813510**

**NOTICE OF PUBLIC REVIEW HEARING TO
DISCUSS PROPOSED ORDINANCE NO 194 TO
AMEND GARBAGE COLLECTION RATES FOR
2024**

The Las Gallinas Valley Sanitary District will conduct a Public Hearing to discuss an ordinance amending Title 4, Chapter 1 of the Las Gallinas Valley Sanitary District Ordinance Code, an Ordinance Regulating Solid Waste, Recyclable and Organic Materials, and the Collection, Removal and Disposal Thereof, as amended, and relating to rates to be charged. This hearing will take place at the District office at 101 Lucas Valley Road, Suite 300, San Rafael on Thursday, March 21, 2024 at 4:00 PM. The proposed ordinance can be viewed on the District's website at www.lgvsd.org or at the District office posted on the Public Notification Board in the front of the building at 101 Lucas Valley Road, East Lobby, San Rafael from March 11 to March 21, 2024.
6813510

4/18/2024

General Manager Report

- Separate Item to be distributed at Board Meeting
- Separate Item to be distributed prior to Board Meeting
- Verbal Report
- Presentation



Item Number 6

GM Review _____

Agenda Summary Report

To: Board of Directors
From: Dale McDonald, Administrative Services Manager
(415) 526-1519 dmcdonald@lqvsd.org
Meeting Date: April 18, 2024
Re: Update Board Policy F-90 Purchasing, Revising Section F-90-70 Disbursements
Item Type: Consent _____ Action X Information _____ Other _____
Standard Contract: Yes _____ No _____ (See attached) Not Applicable X .

STAFF RECOMMENDATION

Approve Resolution 2024-2326 updating Board Policy F-90 Purchasing, revising Section F-90-70 Disbursements.

BACKGROUND

Board Policy Section F-90-70 currently requires that all disbursements, whether by check or electronic transfer, be included on a Warrant List for Board approval at a duly noticed meeting. Legislative changes to the Sanitary District Act of 1939 necessitated a review of our policy.

As allowed by Government Code Section 6794(b), modernizing the accounting practices allows the Board to adopt a procedure to allow the issuance of warrants without obtaining prior Board approval, so long as the demands are payable within the District’s approved budget and warrant list is included in the meeting materials at the next regularly scheduled board meeting. The District’s Bank of Marin Petty Cash Checking Account will no longer be needed as all payments by check will be paid from the District’s Operating bank account.

A redline version of the policy showing changes to Policy F-90 is provided for convenience. No other sections of Board Policy F-90 were revised with the exception of administrative changes to the position table under section F-90-40. The Resolution and accompanying clean version of the policy is being presented after the redline version for adoption.

PREVIOUS BOARD ACTION

On September 1, 2022, the Board adopted Resolution 2022-2277 revising Board Policy F-90.

On April 4, 2024, the Board reviewed the draft revision of section F-90-70 Disbursements and asked staff to remove references to claims and bring back the policy revision to the Board for approval.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

None

RESOLUTION NO. 2024-2326

**A RESOLUTION APPROVING REVISION TO BOARD POLICY F-90 PURCHASING
INCORPORATING MODERNIZATION OF DISBURSEMENTS**

THE LAS GALLINAS VALLEY SANITARY DISTRICT

WHEREAS, the Board of Directors (“Board”) has determined that a comprehensive list of Policies and Procedures for the Board is in the best interest of the District; and

WHEREAS, the Board has compiled a comprehensive list of Policies and Procedures to serve as the rules and regulations of the Board; and

WHEREAS, the Board did adopt such comprehensive list of Policies and Procedures on July 9, 2009; and

WHEREAS, such policies may need to be updated from time to time; and

WHEREAS, on April 4, 2024, the Board reviewed and suggested changes to Board Policy F-90 Purchasing, revising Section F-90-70 Disbursements; and

WHEREAS, adoption of the revised policy will allow the Bank of Marin Petty Cash Checking Account to be closed.

NOW THEREFORE, the Board of Directors of the Las Gallinas Valley Sanitary District approves the following revised policy: F-90 Purchasing, incorporating revisions to F-90-70 Disbursements. The previously approved Board Policy F-90 is hereby revoked and declared null and void.

BE IT FURTHER RESOLVED, that the General Manager or designee is authorized to close the Bank of Marin Petty Cash Checking Account #03317880 and transfer funds to the District’s Operating Account.

If any policy or portion of a policy contained within the Policies and Procedures is in conflict with rules, regulations, or legislation having authority over the Las Gallinas Valley Sanitary District, said rules, regulations or legislation shall prevail.

The Policies and Procedures shall remain in effect until amended by at least a majority vote of the Board of Directors.

* * * * *

I hereby certify that the forgoing is a full, true, and correct copy of a resolution duly and regularly passed and adopted by the Sanitary Board of the Las Gallinas Valley Sanitary District, Marin County, California, at a meeting thereof held on the 18th day of April 2024, by the following vote of the members thereof:

AYES, and in favor thereof Members:
NOES, Members:
ABSENT, Members:
ABSTAIN, Members:

Teresa Lerch, Board Secretary

APPROVED:

Craig K. Murray, President of Board of Directors

F-90 PURCHASING, INCLUDING RETAINING CONSULTANTS

Purpose

This policy establishes procedures for preparing and approving purchase orders; and preparing, reviewing, and approving contracts. It also covers legal requirements, petty cash, limits on General Manager purchases, the required "paper trail," conformance with received orders, and consultant arrangements.

F-90-10 Vendors for Small Items. To purchase small items -- such as office supplies, auto parts, and other miscellaneous items costing less than \$2,000- the General Manager will set policies for selecting vendors. District accounts are awarded to firms at management discretion that support local businesses, enable the purchase of green and/or recycled products, as well as provide for competitive prices, discounts, service levels, and convenience .

F-90-15 Petty Cash. A Petty Cash fund shall be maintained in the District office having a balance-on-hand maximum of \$500.00. Petty cash may be advanced to District staff upon their request for the purpose of procuring item(s) or service(s) appropriately relating to District business. After said item(s) or service(s) have been obtained, a receipt for same shall be submitted to the Administrative Assistant or Administrative/Financial Specialist and any remaining advanced funds shall be returned. The maximum petty cash advance shall be \$100.00. No personal checks shall be cashed in the petty cash fund. The petty cash fund shall be included in the District's annual independent accounting audit.

F-90-20 Out-of-Pocket Expenses. Whenever employees of the District incur "out-of-pocket" expenses for item(s) or service(s) appropriately relating to District business as verified by valid receipts, said expenses shall be reimbursed upon request from the District's petty cash fund or by check if needed. In instances when a receipt is not obtainable, the requested reimbursement shall be approved by the Administrative Services Manager prior to remuneration.

F-90-30 Quotations. To purchase items costing more than \$2,000, written quotations will be solicited from vendors and received by email, fax, or mail. District Staff may approve purchase orders up to the amount of their purchasing authority per F-90-40. For purchases between \$5,000 and \$15,000 three quotes will be obtained, unless the item is on the District's approved Summary of Specified Equipment List or replacement equipment is from a manufacturer's authorized dealer. In cases where the General Manager determines that certain products may provide a better service life, durability, meet a specific need or provide greater efficiency than other products he/she has the authority to order that product or engage the service without multiple quotes. The General Manager also has the authority to utilize specific maintenance and repair vendors as he/she deems appropriate or necessary.

F-90-35 Uniform Public Construction Cost Accounting Act (UPCCAA). Public projects, as defined by the Act and in accordance with the limits listed in Section 22032 of the Public Contract Code, may be let to contract by informal procedures as set forth in Section 22032, et seq., of the Public Contract Code. Projects less than \$60,000 may be performed by staff of the Agency, by force account with a contractor, by negotiated contract, or by use of a purchase order. (District Code Title 1 Chapter 7).

| | |
|---|---|
| Resolution 2022-2277 2024-2326 | Date Approved: September 1, 2022 April 18, 2024 |
| President of the Board | Last Reviewed September 1, 2022 April 18, 2024 |

F-90-40 Purchasing Authority. The purchasing authority listed below shall apply except as authorized by separate Board action for specific construction projects.

| Position | Authority |
|---|--|
| Board of Directors | No Limit |
| General Manager | <ul style="list-style-type: none"> Construction and consultant contracts up to \$60,000 Purchase Orders up to \$60,000 Budgeted informally bid construction contracts between \$60,001 and \$200,000. <i>(Per UPCCAA)</i> |
| Plant Manager | Purchases up to \$10,000. |
| District Engineer | Purchases and budgeted informally bid construction contracts up to \$20,000. |
| Collection _ System / Maintenance _ Safety Manager | Purchases up to \$10,000 . |
| Administrative Services Manager | Purchases up to \$10,000. |
| District Executive Assistant / Board Secretary | Purchases up to \$5,000 |
| Administrative _ Financial _ Specialist | Purchases up to \$5,000 |
| Assistant _ Associate _ Engineer | Purchases up to \$5,000 |
| Environmental Services Supervisor | Purchases up to \$7,500 |
| Plant Operations and Maintenance Supervisors | Purchases up to \$7,500 |
| Skilled Maintenance Worker I/II | Purchases up to \$1,000 |
| Administrative Assistant | Purchases up to \$1,000 |

Formal construction bid contracts in excess of \$60,000 must come to the Board for approval prior to execution.

For purchases in excess of \$15,000, staff will inform the Board of Directors regarding the item as soon as administratively feasible.

F-90-50 Expense Authorization in the Absence of the General Manager. In the absence of the General Manager, two (2) managers may sign the purchase order for amounts in excess of \$15,000. The General Manager will approve the purchase order prior to payment.

F-90-60 Purchase Orders. Purchases over \$3,000 require a purchase order to be issued prior to ordering.

F-90-70 Disbursements. The District requires that all disbursements be properly approved and authorized. To ensure that internal control is maintained over cash disbursements the following procedures will be performed:

- The General Manager can authorize payment of demands without prior approval by the Board if the District Treasurer determines the demands are payable within the District's approved budget.

| | |
|-------------------------------|--------------------------------------|
| <u>Resolution 2024-2326</u> | <u>Date Approved: April 18, 2024</u> |
| <u>President of the Board</u> | <u>Last Reviewed April 18, 2024</u> |

- Disbursements, whether by check or electronic transfer, shall be included on a Warrant List and presented to the Board at the next regular meeting for review. Invoices and related support documents will be available prior to and at the Board meeting for review, providing for additional Board oversight for Board approval.
- Demands exceeding the District's approved budget shall be subject to Board approval before payment.
- Disbursements made by check shall require two signatures for valid, documented, and approved expenses of the District. Signing authority is to be granted by Resolution. Generally, checks drawn from the Operating bank account will be signed by the General Manager and Administrative Services Manager, who serves as the District Treasurer. Where either the General Manager or Administrative Services Manager is not available, a Board member may sign in place of the General Manager or Administrative Services Manager; or two Board Members may sign in place of the General Manager and the Administrative Services Manager

F-90-75 Intergovernmental Agreements. Agreements between two or more government agencies or non-governmental organizations (NGOs) regardless of purchase amount must be approved by the Board.

F-90-80 Contract Execution. Regardless of expenditures and expense authorization levels, and unless otherwise authorized by the District Board, the Board (in the form of its President) and/or the General Manager shall remain the sole entities authorized to execute formal contracts on behalf of the District. Contracts shall include but not be limited to: Agreements with other governmental entities or NGOs; professional services agreements; construction, maintenance services, equipment procurement, and material supply contracts; and amendments thereof.

F-90-90 Consultants. Consultants will be retained whenever in the judgment of the General Manager that there are not sufficient resources or expertise to accomplish a task.

- Prospective consultants shall be selected from experienced, competent and reliable firms or individuals to provide the necessary resource.
- For consulting expenditures below \$60,000, consultants may be selected sole-source on the basis of their qualifications and ability.
- For consulting procurements exceeding \$60,000, a competitive process may be followed with emphasis on professional capability, availability to complete the task as well as cost. Professional Services Contracts over \$60,000 shall be submitted to the Board for approval. However in the case where the Board deems it more prudent and in the best interest of continuity of services, a consultant contract may be awarded without a competitive process.
- Regular reports of consultant's progress shall be reviewed by the General Manager and reported to the Board.

F-90-95 Vehicles. Fleet vehicles should be purchased through cooperative purchasing agreements or statewide contract. The Vehicle & Equipment Replacement Fund will be used to fund replacement vehicles and related equipment. The Board shall authorize the purchase of vehicles as part of the budget process or by separate Board action if not budgeted.

| | |
|--|--|
| Resolution 2022-2277 <u>2024-2326</u> | Date Approved : September 1, 2022 <u>April 18, 2024</u> |
| President of the Board | Last Reviewed September 1, 2022 <u>April 18, 2024</u> |

F-90 PURCHASING, INCLUDING RETAINING CONSULTANTS

Purpose

This policy establishes procedures for preparing and approving purchase orders; and preparing, reviewing, and approving contracts. It also covers legal requirements, petty cash, limits on General Manager purchases, the required "paper trail," conformance with received orders, and consultant arrangements.

F-90-10 Vendors for Small Items. To purchase small items -- such as office supplies, auto parts, and other miscellaneous items costing less than \$2,000- the General Manager will set policies for selecting vendors. District accounts are awarded to firms at management discretion that support local businesses, enable the purchase of green and/or recycled products, as well as provide for competitive prices, discounts, service levels, and convenience.

F-90-15 Petty Cash. A Petty Cash fund shall be maintained in the District office having a balance-on-hand maximum of \$500.00. Petty cash may be advanced to District staff upon their request for the purpose of procuring item(s) or service(s) appropriately relating to District business. After said item(s) or service(s) have been obtained, a receipt for same shall be submitted to the Administrative Assistant or Administrative/Financial Specialist and any remaining advanced funds shall be returned. The maximum petty cash advance shall be \$100.00. No personal checks shall be cashed in the petty cash fund. The petty cash fund shall be included in the District's annual independent accounting audit.

F-90-20 Out-of-Pocket Expenses. Whenever employees of the District incur "out-of-pocket" expenses for item(s) or service(s) appropriately relating to District business as verified by valid receipts, said expenses shall be reimbursed upon request from the District's petty cash fund or by check if needed. In instances when a receipt is not obtainable, the requested reimbursement shall be approved by the Administrative Services Manager prior to remuneration.

F-90-30 Quotations. To purchase items costing more than \$2,000, written quotations will be solicited from vendors and received by email, fax, or mail. District Staff may approve purchase orders up to the amount of their purchasing authority per F-90-40. For purchases between \$5,000 and \$15,000 three quotes will be obtained, unless the item is on the District's approved Summary of Specified Equipment List or replacement equipment is from a manufacturer's authorized dealer. In cases where the General Manager determines that certain products may provide a better service life, durability, meet a specific need or provide greater efficiency than other products he/she has the authority to order that product or engage the service without multiple quotes. The General Manager also has the authority to utilize specific maintenance and repair vendors as he/she deems appropriate or necessary.

F-90-35 Uniform Public Construction Cost Accounting Act (UPCCAA). Public projects, as defined by the Act and in accordance with the limits listed in Section 22032 of the Public Contract Code, may be let to contract by informal procedures as set forth in Section 22032, et seq., of the Public Contract Code. Projects less than \$60,000 may be performed by staff of the Agency, by force account with a contractor, by negotiated contract, or by use of a purchase order. (District Code Title 1 Chapter 7).

| | |
|-----------------------------|-------------------------------|
| Resolution 2024-2326 | Date Approved: April 18, 2024 |
| President of the Board | Last Reviewed April 18, 2024 |

F-90-40 Purchasing Authority. The purchasing authority listed below shall apply except as authorized by separate Board action for specific construction projects.

| Position | Authority |
|--|--|
| Board of Directors | No Limit |
| General Manager | <ul style="list-style-type: none"> Construction and consultant contracts up to \$60,000 Purchase Orders up to \$60,000 Budgeted informally bid construction contracts between \$60,001 and \$200,000. <i>(Per UPCCAA)</i> |
| Plant Manager | Purchases up to \$10,000. |
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| Resolution 2024-2326 | Date Approved: April 18, 2024 |
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- Disbursements made by check shall require two signatures for valid, documented, and approved expenses of the District. Signing authority is to be granted by Resolution. Generally, checks drawn from the Operating bank account will be signed by the General Manager and Administrative Services Manager, who serves as the District Treasurer. Where either the General Manager or Administrative Services Manager is not available, a Board member may sign in place of the General Manager or Administrative Services Manager; or two Board Members may sign in place of the General Manager and the Administrative Services Manager

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|-----------------------------|--------------------------------|
| Resolution 2024-2326 | Date Approved : April 18, 2024 |
| President of the Board | Last Reviewed April 18, 2024 |

4/18/2024

BOARD MEMBER REPORTS

CLARK

NBWA Board Committee, CASA Workforce Committee, Operations Control Centers Ad Hoc Committee, Fleet Management Ad Hoc Committee, FutureSense Ad Hoc Committee, Other Reports

MURRAY

Marin LAFCO, Flood Zone 6, Biosolids Ad Hoc Committee, CASA Energy Committee, Development Ad Hoc Committee, SF Trail Ad Hoc Committee, Other Reports

ROBARDS

Gallinas Watershed Council/Miller Creek, Engineering Ad Hoc Committee re: STPURWE, McInnis Marsh Ad Hoc Committee, Development Ad Hoc Committee, FutureSense Ad Hoc Committee, Other Reports

YEZMAN

Flood Zone 7, CSRMA, Ad Hoc Engineering Sub-Committee re: STPURWE, Marin Special Districts Association, Biosolids Ad Hoc Committee, Other Reports

Agenda Item 7.2
Date April 18, 2024

CASA ACE

Meeting Notes – March 28, 2024

Craig K. Murray

New link for meetings. 61 Participants online. Heidi Oriol, SacSewer Head of this group Intro. And Sarah now with CASA sdeslauriers@casaweb.org

and use new CASA email. HO: last year 7 priority issues & committees and moved forward biogas to hydrogen. Reach out to Sarah, Greg or Heidi on Air, Climate or Energy for this group.

ACF CARB: gross veh.weight over 8,500 lbs. Med. And heavy Duty and 4 categories including Drayage Truck Req. Summary of reg. posted on CASA website

<https://casaweb365->

my.sharepoint.com/personal/jvoskuhl_casaweb_org/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Fjvoskuhl%5Fcasaweb%5F0rg%2FDocuments%2FCASA%20Draft%5FSummary%20of%20CARB%20ACF%20Regulations%5F020924%2Epdf&parent=%2Fpersonal%2Fjvoskuhl%5Fcasaweb%5F0rg%2FDocuments&ga=1

understanding Air Resources Board ACF regulation. Through 1/1/27 at least 50% ZEV and after 1/1/27 100% of purchase unless exemption. Private haulers are typically not included (ie come in from out of state) from regulation. GK: If Agency own their own farm and directed them in and good news not included unless a whole lot more involved. David Rothbart tell clean water socal send letter to those with that fleet that there could be some applicability. High Priority and Federal Fleet Requirements but vehicle is req. to be at least 16 years old to qualify for exemption (which is even more unreasonable). We are still participating in the Truck Regulations Implementation Group (TRIG). DR on infrastructure and SD for rules. ID what documentation we have but what they are trying to get. We don't even get the Agenda early to see what is to be discussed. Integration of AB 1594 requirements unexpectedly began March 25. DR: really impt. To get flexibility and equipt. Is not available and equipt does not have 13 year life, we need relief, write letters. On Monday CARB Mtg., expect AB 1594 to go through in 2025. Request CARB to issue Guidance Document on how to implement ACF. Luke warm response and we need that to something to hold them to. Steve Jepsen on folks heard from on CARB process to registered vehicles, kind of a pain, going in and under vehicles getting numbers, suggest not to wait until the last minute. SD will send out summary and next steps from Monday's CARB workshop meeting.

EPA Disapproval of State Implementation Plan (SIP) . DR CA has two non attainment air basins. EPA sets standards for ozone, Clean Air Act says if you don't meet by this time, then penalties for 185 standards and same thing for Title V facilities. To get facility revised permit, have to get more offsets. Fed Highway Funding (Billions) will be withheld in the LA Region. No way for So Coast or San Joaquin to fix (control only fixed) but CARB and EPA on mobile sources (there way is to electrify everything) but no Fed. Standard for trucks. Disconnect with State and Fed/EPA and we are the ones that will be penalized. These disconnects apply throughout the Country. So Coast will get letters on this major disconnect. If don't get this cleaned up then the stationary sources will be ratched down. Suggest a me too letter when other send letters such as we want flexibility too. DR Believe legislation is needed, an abstract but big issue. Kris Flaig: 185 and 179 read, is part of bureaucracy pull permit when do construction and just take the hit for not filing permits. Cal DOT all do is a matter of safety but nuance may need to be proven in court. DR: EPA may have to issue a FIP (Federal Implementation Plan).

Biosolids: A diversion pathway and pathway to satisfy Article II. Big push go biogas to hydrogen. Landfill items to digester for beneficial use no longer credited. Comments submitted Feb.20. CASA to hire project manager to coordinate statewide pooled emissions study information and meetings with CARB and Air Districts in the toxics subgroup. Adaptation Plan in Strategic Plan spans to year 2025. Ocean Protection Council (OPC). Aug 15, 2023 discussed updates and removed extreme areas because not plausible. June 4



Air Quality, Climate Change, & Energy (ACE) Workgroup

March 28, 2024

8:30 – 10:30 am

Zoom Meeting Virtual and Call-In Details: See Meeting Invite

| ITEM | LEAD |
|---------------------------|---|
| Welcome/Roll Call | Heidi Oriol (Chair), Greg Kester and Sarah Deslauriers (CASA) |
| Review/Approval of Agenda | All |

PRIORITY ISSUES/ACTION ITEMS

| | ITEM | LEAD | NOTES |
|----|---|-------------------------|--|
| 1. | CARB Advanced Clean Vehicle Regulations (CASA Summary) | Sarah | Final ACF Package ; ACF Regulations reopened to implement requirements of AB 1594, workshop held Mar 25 ; CARB's Truck Regulations Implementation Group Subgroups continue to meet, CASA is a panelist on Rule Provisions Subgroup and participates in others to discuss issues with ACF implementation; outreach to Board/Chair to collaborate w/ state agencies on maintaining uses of biogas |
| 2. | EPA SIP Disapproval | David | EPA disapproves LA-South Coast Air Basin's 1997 8-hour Ozone Air Plan, cannot achieve reductions w/out vehicle emission reductions; comments due Apr 3 |
| 3. | SB 1383: CH₄ Reductions | Greg | Tracking County action and Article 2 determinations |
| 4. | CARB Low Carbon Fuel Standard | Greg Sarah | 45-day proposed regulatory updates released Jan 5 , CASA submitted comments Feb 20, next workshop set for April 10 to discuss potential refinements |
| 5. | Biogas to Hydrogen | Sarah | US National Clean Hydrogen Strategy and Roadmap acknowledges wastewater biogas as a renewable feedstock; tracking hydrogen bills; researching literature summarizing life cycle emissions of hydrogen production and use |
| 6. | CNRA Natural & Working Lands (NWL) Climate Smart Strategy | Sarah Greg | CNRA's final carbon sequestration targets in support of AB 1757 were posted; workshops were held through February to receive feedback on existing priority nature-based climate solutions and cross-cutting priorities to update the Climate Smart Strategy (which feeds into CA's effort toward carbon neutrality by 2045) |
| 7. | Criteria Pollutants & Toxics Emissions Reporting (CTR) & Hot Spots Program (EICG) | Sarah Steve David | Wastewater sector reports BAU through 2027 while conducting Two-Step Process, Project Manager (PM) has been selected, CASA distributed Study announcement and participation request, meetings with CARB and air districts/CAPCOA to resume following PM selection; CASA submitted comments on EPA's proposed revisions to its air emissions reporting rule Nov 17, final rule not published yet |
| 8. | Adaptation-Related Updates | Sarah | Tracking implementation of OPC Sea Level Rise Action Plan and Strategic Plan , OPC released a draft of the updated SLR Planning Guidance (removing the extreme scenario) for review, comments were submitted Mar 8, final guidance will be presented for adoption on June 4; OPC announces opening of SB 1 SLR Adaptation Planning Grant funding for Technical Assistance; continuing to track Regional Water Board and Coastal Commission climate-related requirements in permit renewals |

STATE LEGISLATIVE & BUDGET UPDATE

| | ITEM | LEAD | STATUS |
|----|-------------------|---------|---|
| 1. | State Legislation | Spencer | Bill introduction deadline was Feb 16, Subgroup to review bills |
| 2. | Governor's Budget | Spencer | Draft released Jan 10 , May Revision to come next |

INFORMATIONAL ITEMS

| | ITEM | LEAD | NOTES |
|----|---|-------------------|---|
| 1. | Environmental Justice Advisory Committee | Sarah | Members of EJAC; Attended meeting Mar 15 (hybrid) focused on low carbon fuel standard (LCFS) rulemaking |
| 2. | IRA Tax Credits | Greg | Eligibility of tax credit toward biogas conditioning and cleaning |
| 3. | BACT: Emergency Diesel Engines | David Courtney | SCAQMD considering source test provisions for large (>1000 hp); SMAQMD adopts Tier 4 for small (>50), BAAQMD to follow |
| 4. | CARB Potential Amendments to Diesel Engine Off-Road Standards | Courtney | Tier 5 rulemaking (including CO ₂ standards), proposal expected in 2024, implementation to begin 2028 |
| 5. | WRF Projects | Sarah | Nitrous Oxide at WRRFs, PFAS destruction comparison |

UPCOMING CONFERENCES/EVENTS

| NAME | DATE/LOCATION |
|--------------------------------------|--|
| CWEA | April 9-12, Sacramento |
| CASA CWEA Partnering for Impact | June 4, UC Irvine Beall Applied Innovation Beach at the Cove |
| WEF Residuals & Biosolids Conference | June 18-21, 52 Oklahoma City, OK |

NEXT MEETING: Wednesday, April 24th

Air Quality, Climate Change, & Energy (ACE) Workgroup Meeting

March 28, 2024 (8:30-10:30)

Virtual – Zoom Link (see Meeting Invite)



1

Priority Issues/
Action Items



2

1. CARB's Advanced Clean Fleet Regulations/Resolution

- Applies to gross vehicle weight rating >8,500 lbs (medium- and heavy-duty)

| | | | |
|---|---|---|---|
| <p>1. State & Local Government Agency Fleets (Section 2013)</p> <p>(cities, counties, special districts, State agencies)</p> | <p>2. High Priority & Federal Fleet Requirements (Section 2015)</p> <p>(POTWs can opt in until 2030 – once in, you cannot opt out)</p> | <p>3. Drayage Truck Requirements</p> | <p>4. 2036 100 Percent Medium- and Heavy-Duty Zero-Emission Vehicle Sales Requirements</p> |
|---|---|---|---|

Contain requirements/schedules for POTWs!



3

1. CARB's Advanced Clean Fleet Regulations/Resolution

State & Local Government Agency Fleets include cities, counties, special districts, state agencies

- **If NOT in a low population county, have >10 vehicles in fleet:**
 - January 1, 2024, 50% of vehicle purchases in each calendar year must be ZEVs
 - January 1, 2027, 100% of vehicle purchases in each calendar year must be ZEVs
- **If in low population county or ≤10 vehicles in fleet:**
 - January 1, 2027, 100% of vehicle purchases in each calendar year must be ZEVs



- No requirement to end the use of existing compliant vehicles
- Exemptions/extensions are only available if vehicles are 13 years or older
- Early ZEV purchases made before deadlines or in excess of requirement count toward future ZEV purchase requirements
- Regarding third party haulers – requirements apply to any governmental agency, person, or entity that hires and operates OR hires and directs the operation of vehicles in CA that are **subject to this regulation**. CARB stated private haulers are NOT covered unless directing day-to-day operations.

4

1. CARB's Advanced Clean Fleet Regulations/Resolution

High Priority & Federal Fleets Requirements

If you are a WWTP, you can opt your entire medium and heavy-duty fleet into this regulation:

- Timeline to transition entire medium- and heavy-duty fleet (see table below)
- Allows existing and vehicles purchased by Jan 1st (2024) fueled by biomethane (generated from diverted organic waste) AND also support SB 1383 facilities to opt into Milestone Group 3
- A member has offered to demonstrate biogas-to-hydrogen technologies, CASA expressed the NEED for a market for biomethane in the meantime
- CARB's Resolution directed staff to work with us and state agencies – **Chair to assign champion**

| Percentage of fleet that must be ZEVs → | 10% | 25% | 50% | 75% | 100% |
|--|------|------|------|------|--------|
| Milestone Group 1: Box trucks, vans, buses w/ two axles, yard tractors, light-duty package delivery vehicles | 2025 | 2028 | 2031 | 2033 | 2035 + |
| Milestone Group 2: Work trucks, day cab tractors, buses with three axles | 2027 | 2030 | 2033 | 2036 | 2039 + |
| Milestone Group 3: Sleeper cab tractors and specialty vehicles | 2030 | 2033 | 2036 | 2039 | 2042 + |



5

1. CARB's Advanced Clean Fleet Regulations/Resolution

Recent Actions:

- Truck Regulations Implementation Group (TRIG) continues to meet to receive input
 - Subgroups include Outreach, Border Communities, Infrastructure Implementation, and Rule Provisions
 - Rule Provisions Subgroup met March 21st, will meet monthly going forward, not much impact
- Integration of AB 1594 requirements unexpectedly began March 25th!
 - Applies to public agencies, defined as local publicly owned electric utilities, community water systems, water districts, and wastewater treatment providers
 - Authorizes public agencies to purchase replacements for traditional (medium- and heavy-duty) vehicles at the end of their useful life to maintain reliable service and respond to major foreseeable events
 - Developing written comments to deliver by mid-April based on March 25th discussion
- Requested CARB to develop a guidance document detailing how to interpret regulations
- CASA gathering Q&A from members who have reached out to CARB to compile a draft
- **Registration deadline:** State & Local Government Agency Fleets registration by April 1st!



6

2. EPA Disapproval of State Implementation Plan (SIP)

- EPA disapproved of California's LA-South Coast Air Basin's 1997 8-hour Ozone Air Plan (Basin cannot achieve reductions w/out vehicle emission reductions)
- As a result, 2025 penalties are being discussed for Title V facilities within SCAQMD for the basin not meeting federal ozone requirements on time (LACSD faces ~\$400k per year)
- Need to remove fossil fuel vehicles to meet the Basin requirements, could meet it now if biomethane-fueled vehicles were allowed under ACF
- Public comment on SIP is due April 3rd



7

3. SB 1383 Organic Waste Methane Emissions Reduction



- 40% methane reduction by 2030 (relative to 2013 levels) via Organic waste diversion from landfills
 - 50% by January 1st, 2020 (relative to 2014 levels)
 - 75% by January 1st, 2025 (relative to 2014 levels)
- CalRecycle outreach to overturn overly restrictive County ordinances to allow land application of biosolids
 - Sutter County updated their Ordinance to allow Class A/EQ land application (CalRecycle, CASA, and City of Yuba City advocated for Class B as well)
 - Tracking efforts in Stanislaus and San Joaquin, as well as Tulare
- Article 2 interpretation and determination discussions continue (must show reduction of methane)



8

4. CARB Low Carbon Fuel Standard (LCFS)

- Designed to reduce fossil fuel dependence
- Proposed (45-day) changes released January 5th
- Focus on biogas-to-hydrogen pathways and phasing out credit for methane reduction at landfills (which significantly impact wastewater biogas CI)
- Next steps
 - CASA submitted comments February 20th
 - March 21st public hearing postponed to April 10th due to many comments received
 - May provide another 15-day comment period but staff is working to avoid that
 - Board to vote in Q2 2024 and updates to be effective immediately



9

5. Biogas-to-Hydrogen

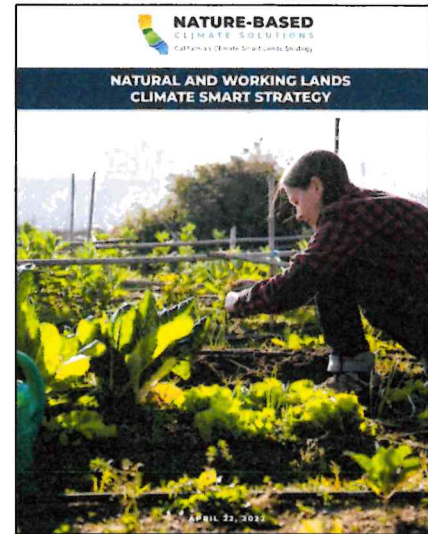
- Track hydrogen related bills that define green hydrogen or relate to hydrogen production
- US National Clean Hydrogen Strategy & Roadmap – Enable the Benefits of Clean Hydrogen:
 - Strategy 1: Target Strategic, High-Impact Uses of Clean Hydrogen
 - Clean hydrogen in industrial applications
 - Clean hydrogen in transportation
 - Power sector applications
 - Carbon Intensity of Hydrogen Production
 - Strategy 2: Reduce the Cost of Clean Hydrogen
 - Hydrogen Production Through Water Splitting
 - Hydrogen Production from Fossil Fuels with Carbon Capture and Storage
 - **Hydrogen Production from Biomass and Waste Feedstocks (acknowledges WWTP biogas)**
 - Other System Costs
 - Strategy 3: Focus on Regional Networks
- LACSD has offered to demonstrate biogas-to-hydrogen
- Research summarizing life cycle emissions of hydrogen production and use



10

6. CNRA NWL Climate Smart Strategy

- GHG model of 8 Landscapes to be updated regularly
- CNRA developed C-sequestration targets per AB 1757:
 - Natural C-sequestration and nature-based climate solutions for 2030, 2038, 2045
 - Nature-based climate solutions = preservation, conservation, restoration, and sustainable land management
 - NWL Climate Smart Strategy to be updated by Jan 1, 2025
- CASA submitted input on targets September 14th
CNRA released a summary of existing priority nature-based climate solutions and cross-cutting priorities – providing specific questions for feedback (slide 12)
- CASA participated in February 27th workshop focused on Croplands and submitted written comments on how biosolids should be an eligible organic feedstock



11

6. NWL Climate Smart Strategy to be updated based on AB 1757 Target Setting for Carbon Sequestration

- Agricultural Lands Draft Targets were as follows (no explicit mention of biosolids)
 1. Protect farmland and avoid conversion out of agriculture to maintain C stocks, enhance environmental benefits, and facilitate Just Transitions for communities in agricultural regions.
 2. Expand farm-edge diversification to support innovation and utilization of liminal spaces in farming systems, which all offer increases in landscape C storage and ecosystem services.
 3. Expand organic agriculture to 75% of farming operations and 40% of farming acres by 2045.
 4. Increase access to soil building practices, and continue Investment in integrated fertilizer, irrigation and soil fertility management practices to reduce N₂O emissions and build soil organic carbon.
 5. Elevate the need for enhanced social dialogue around Just Transitions in California agriculture. This priority crosses all Implementation targets identified for Agriculture.



12

6. NWL Climate Smart Strategy to be updated based on AB 1757 Target Setting for Carbon Sequestration

- Questions CNRA is seeking feedback on relative to priorities for each landscape for updating the Climate Smart Strategy?
 1. Are there changes you'd recommend we make to the existing priority nature-based climate solutions for each landscape?
 2. Are there changes you'd recommend we make to the existing cross-cutting priorities?
 3. What are the biggest barriers to implementing these nature-based climate solutions?
 4. What solutions exist to overcome these barriers, and how can state government most usefully advance them?



13

7. Criteria Pollutants & Toxics Reporting and Air Toxics “Hot Spots” Program Updates – Statewide Two-Step Process

- AB 617 gives CARB authority to “harmonize” air monitoring, reporting, & emission reductions for stationary sources
- AB 2588 Hot Spots compound list is >1,700 compounds (from >500)
 - Unknown toxicity levels
 - Unknown emission factors
 - Many are not relevant to WWTPs
- Phased compliance allows WWTPs to:
 - Report business-as-usual through 2028 (reporting begins 2029 for 2028 data) but **all WWTPs must participate in a two-step process (individually or as a group)**
 - Perform “two-step process” to determine relevant shortlist of compounds
 1. Scan air space of unit processes to determine detectable compounds
 2. Perform sampling and analysis to ultimately quantify emissions of detectable compounds (Mimic 1990 Pooled Emissions Estimation Program, PEEP, but broader in scope)



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7. Statewide Two-Step Process Coordination

- Actions as of today:
 - Selection of Project Manager, working to finalize contract/scope
 - CASA announcement of Statewide Pooled Emissions Study distributed, participation requested, and member outreach underway
 - CASA/PM to coordinate 2024 meetings with CARB and Air Districts
 - PM to prepare a Source Test Protocol for review/approval in 2024
 - CASA's Air Toxics Subgroup will continue to meet, next meeting April 17th, and future meetings to resume on the 2nd Wednesdays of each month



15

7. Federal air toxics reporting updates underway

- Proposed revisions to EPA's Air Emissions Reporting Rule (AERR):
 - Proposed revisions published August 9th with public meeting held August 30th
 - Comments submitted November 17th supporting CARB's application to submit on CA facilities' behalf and that CTR/EICG are compliant
 - Adoption expected in 2024 – waiting to hear next steps



16

8. Adaptation Update: OPC

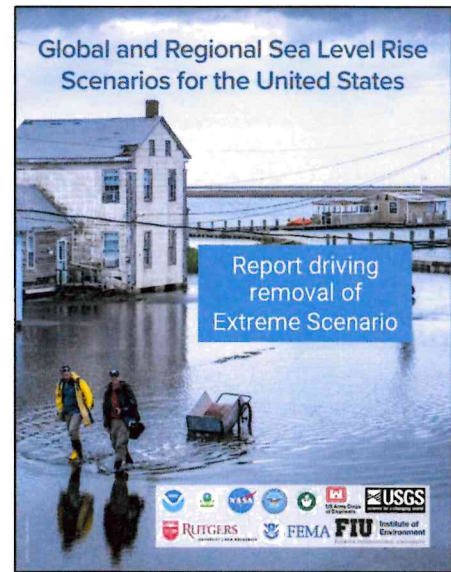
- Tracking implementation of:
 - Strategic Plan ('20-'25)
 - Sea Level Rise Action Plan (FY 22–25), including SLR Planning Guidance
 - 30x30 California
- Update to SLR Planning Guidance
 - Aug 15th meeting discussed updates since 2018, including removing extreme (H++) scenario since not plausible
 - Draft revisions released in January for public comment
 - Comments submitted March 8th
 - Final Guidance to be presented to OPC for adoption during June 4th meeting
 - Coastal Commission to then update their "Critical Infrastructure at Risk: SLR Planning Guidance" scenarios – removing the extreme (H++) scenario



17

8. Adaptation Update: OPC

- Draft revisions to SLR Planning Guidance:
 - Higher certainty/narrow range of SLR through 2050
 - By 2100, expected SLR 1.6 to 3.1 ft, higher possible
 - 2100+, range of SLR increasingly large due to uncertainties in physical processes (e.g., ice sheet loss)
 - By 2150, expected SLR 2.6 to 11.9 ft (Intermediate-Low to High Scenarios), higher possible
 - Extreme SLR scenario (i.e., H++) no longer included
 - Vertical land motion (uplift/subsidence) is primary driver of local variations
 - Recommends evaluating Intermediate, Intermediate-High, and High scenarios (with storm conditions)
 - Recommends using stepwise process that includes adaptation pathways to phase actions over time
 - Does NOT address coordination of guidance or provide direction on amending previous assessments



18

8. Adaptation Update: SB 1 SLR Adaptation Planning Grant

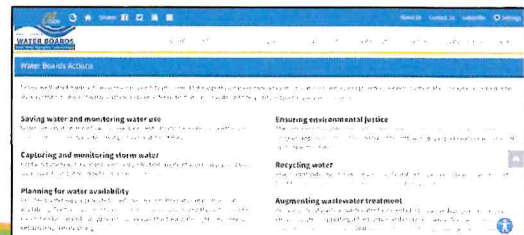
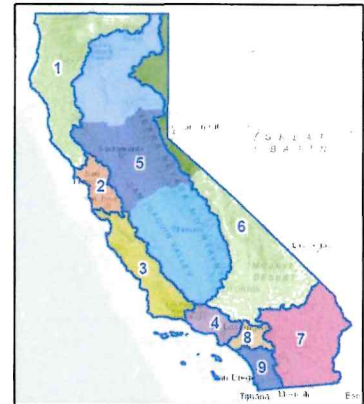
- Technical Assistance (TA) Program is Open
- Grant funding for local, regional, and tribal governments facing significant and imminent SLR threats along the CA coast and San Francisco Bay shoreline
- For details, including eligibility, types of technical services, and how to apply, visit link
- Informational webinar Monday, April 15th, 3 to 4 pm



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8. Adaptation Update: Permits require varying climate assessments

- NPDES/WDR permit language requiring climate change vulnerability assessments, climate action plans, resilience plans, disaster preparedness plans, some GHG emissions inventorying, etc...with varying levels of detail
- Please be aware of your region's approach and let us know of any new developments
- GHG's should not be in Water Board permits – working to discuss authority
- State Water Board Climate Change Website – Tracking Water Board Actions



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Regional Water Board approaches to addressing climate change in permits vary and some require GHG emissions estimates!

| Region | POTW Req'ts for Adaptation to Climate Impacts | Mitigation of GHG Emissions |
|------------------|--|---|
| 1 North Coast | Disaster Preparedness Assessment and Action Plan | No requirement as of today |
| 2 San Francisco | No requirements for POTWs as of today, Vulnerability Assessments/ERPs required for refineries' WW/SW systems | No requirement as of today |
| 3 Central Coast | Climate Change Adaptation Program | Identifies maximizing reduction in carbon |
| 4 Los Angeles | Climate Change Effects Vulnerability Assessment and Mitigation Plan | No requirement as of today |
| 5 Central Valley | No requirements for POTWs as of today, Region Work Plan | No requirement as of today |
| 6 Lahontan | No requirements for POTWs as of today, Region Action Plan | No requirement as of today |
| 7 Colorado | No requirements for POTWs or Region Plan as of today | No requirement as of today |
| 8 Santa Ana | Climate Change Action Plan | GHG emissions resulting from facility operations and effluent discharge |
| 9 San Diego | Climate Change Action Plan | GHG emissions resulting from facility operations and effluent discharge |



21

State Legislation & Governor's Budget Spencer to provide update



22

Informational Items



23

1. Environmental Justice Advisory Committee

- Now a permanent Committee, to provide input on implementation of Scoping Plan Programs (not just the Scoping Plan Updates)
- 2024 Priorities:
 - Low Carbon Fuel Standard
 - Cap-and-Trade Reg Amendments
 - Natural & Working Lands Target Setting
 - CARB’s role in Senate Bill 905, Carbon Capture Utilization and Sequestration Requirements
- Meetings (hybrid):
 - March 15th, LCFS Rulemaking
 - April 4th, Cap-and-Trade and Carbon Capture Utilization & Storage and Direct Air Capture

| Member | Organization |
|--------------------------|--|
| Martha Dina Argüello | Physicians for Social Responsibility – LA |
| Juan Flores | Center on Race, Poverty & the Environment |
| Angel Garcia | Californians for Pesticide Reform |
| Dr. Catherine Garoupa | Central Valley Air Quality Coalition |
| Kevin Hamilton | Central California Asthma Collaborative |
| John Harriel Jr. | International Brotherhood of Electrical Workers |
| Thomas Helme | Valley Improvement Projects |
| Matt Holmes | California Environmental Justice Coalition |
| John Kevin Jefferson III | Urban Releaf |
| Mayor Rey León | The LEAP Institute |
| Luis Olmedo | Comité Civico del Valle |
| Jill Sherman-Warne | Native American Environmental Protection Coalition |
| Sharifa Taylor | Communities for a Better Environment |



24

2. Inflation Reduction Act (IRA) Tax Credits

- Comments on the IRA Energy Property Guidance were due last week
- CASA did not comment since the language clearly states that biogas conditioning and cleaning devices are considered eligible components of the energy property for the Investment Tax Credit



25

3. BACT: Emergency Diesel Engines

- Air District activities related to Emergency Standby Engines
 - Bay Area AQMD
 - >1000 bhp, Tier 4 effective January 1, 2020
 - Considering Tier 4 as T-BACT for engines >50 bhp – looking for source test data from Sacramento Metro AQMD
 - Sacramento Metro AQMD
 - >1000 bhp, Tier 4 effective June 4, 2021
 - Determined Tier 4 is BACT for engines >50 hp
 - San Joaquin Valley APCD – >1000 bhp, Tier 4 effective April 29, 2022
 - South Coast AQMD
 - >1000 bhp, Tier 4 approved September 2, 2022
 - Clean Water SoCal working to get testing requirements for compliant engines to match that for certified engines to avoid unnecessary testing requirements onsite for compliant engines
 - SCAQMD advises operators not to use emergency generators to avoid grid consumption (e.g., during the September 2022 heat wave, SCAQMD advised against use of emergency generators)
- State-level/CARB would like to replace existing emergency generators by 2037
 - SCAQMD discussing requiring replacements sooner than later
 - SCAQMD has discussed incentivizing (\$) the demonstration of new technology



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4. CARB Potential Amendments to Diesel Engine Off-Road Emission Standards

- “Tier 5 Rulemaking”
 - Reduce NO_x (up to 90%) and PM (up to 75%) compared to Tier 4 standards
 - First-time GHG (carbon dioxide, CO₂) standards
 - Stringent exhaust standards for all power categories, including those that do not utilize exhaust aftertreatment (i.e., DPFs and SCRs)
 - Propose more representative useful-life periods
 - Develop a low-load test cycle
 - Update test procedures and consider first-time off-road OBD requirements
- Proposal to Board expected in 2024
- Implementation to begin in 2029



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5. Water Research Foundation (WRF) Projects

- WRF 5251 – Advancing the Understanding of Nitrous Oxide Emissions Through Enhanced Whole-Plant Monitoring and Quantification (to be awarded)
- WRF 5211 – Understanding the Value Proposition for Thermal Processes to Mitigate PFAS in Biosolids (to be complete in 2026)



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Upcoming Conferences/Events

- **CWEA Annual Conference**
April 9-12, Sacramento
- **CASA-CWEA Partnering for Impact**
June 4, UC Irvine Beall Applied Innovation Beach at the Cove
- **WEF Residuals & Biosolids Conference**
June 18-21, Oklahoma City, OK
- **WEF Circular Water Economy Summit**
July 15-17, Dallas, TX



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Upcoming Meeting(s)

- April 24th (Wednesday)?
- Future meetings shifting to 2nd Thursdays of each month to avoid conflicting with CARB's monthly Public Hearings held every 4th Thursday

Thank you!



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BOARD MEMBER MEETING ATTENDANCE REQUEST

Date: _____ Name: _____

I would like to attend the _____ Meeting
of _____

To be held on the _____ day of _____ from _____ a.m. / p.m. to
_____ day of _____ from _____ a.m. / p.m.

Location of meeting: _____

Actual meeting date(s): _____

Meeting Type: (In person/Webinar/Conference) _____

Purpose of Meeting: _____

Meeting relevance to District: _____

Request assistance from Board Secretary to register for Conference: YES NO

Frequency of Meeting: _____

Estimated Costs of Travel (if applicable): _____

Date submitted to Board Secretary: _____

Board approval obtained on Date: _____

Please submit this form to the Board Secretary no later than 1 week prior to the Board Meeting.

4/18/2024

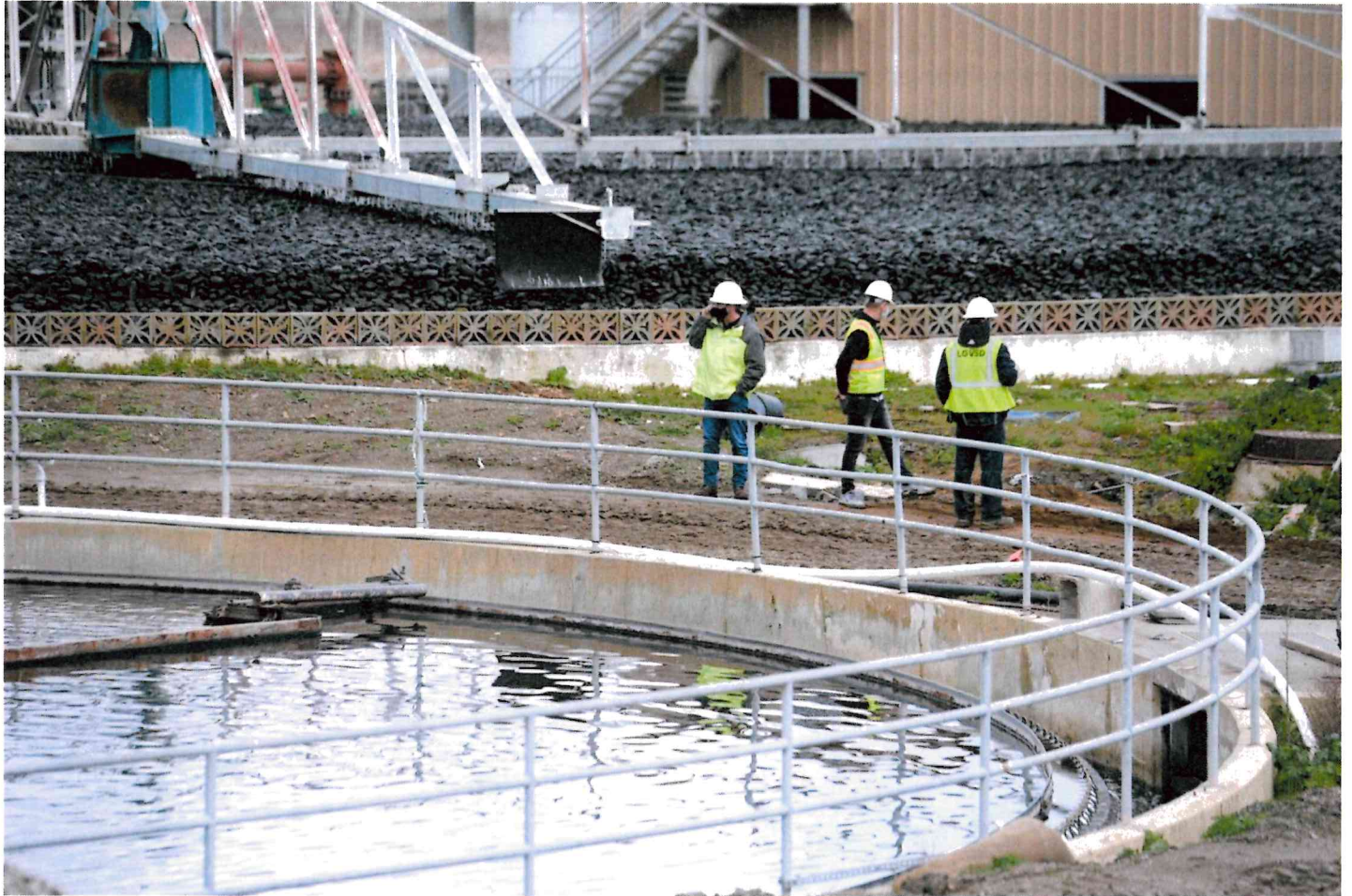
BOARD AGENDA ITEM REQUESTS

Agenda Item 8B

- Separate Item to be distributed at Board Meeting
- Separate Item to be distributed prior to Board Meeting
- Verbal Report
- Presentation

LAS GALLINAS

Sanitary district seeks applicants for seat on board



A crew works at the Las Gallinas Valley Sanitary District sewage treatment plant in San Rafael. The agency serves more than 30,000 customers in Marin. ALAN DEP — MARIN INDEPENDENT JOURNAL

BY GIUSEPPE RICAPITO

GRICAPITO@MARINIJ.COM

The Las Gallinas Valley Sanitary District is seeking a candidate to fill a vacancy on the board of directors following a resignation.

Ron Ford, a resident of Santa Venetia, resigned on March 8. Ford, who is 74, said he does not plan to leave public life and advocacy entirely, but hopes to dedicate more time to his family.

“It got to be a bit much for me at my age, but it’s an incredible opportunity for someone,” he said. “We’ve been getting excellent people on the board.”

Ford was appointed in January 2022, then elected to a four-year term in November 2022. Ford is a retired deputy clerk for Marin County Superior Court.

Curtis Paxton, the district’s general manager, said the appointee will serve until December 2024. The seat is up for election in November to complete the last two years of the term through December 2026.

MARIN VOICE

Directors share plan for reliable, resilient water supply

The Marin Municipal Water District has grappled with challenges facing many water agencies in the West — climate change impacts with droughts that have severely depleted supplies, aging infrastructure and rising costs due to inflation.

Marin Water, in partnership with its customers, has navigated these challenges and put the district on a track toward reliable water supplies and protection of our watershed. As the incoming and outgoing presidents of the Board of Directors, we think it is important to highlight these efforts as we look to the upcoming year's activities.

Following a strategic assessment of various water management alternatives to increase our resilience to drought and climate change with new water supplies, we adopted the district's "water supply roadmap" in February 2023. This approved roadmap combines demand management and short-term water supply strategies with developing longer-term supply options.

As work on a roadmap for bolstering our water supply was taking shape, the district was also building out a thoughtful, strategic approach to financial management that will enable Marin Water to recover from the revenue strains brought about by the recent drought emergency and inflation, while also augmenting investment into projects that will increase water supply, modernize water system infrastructure and mitigate wildfire impacts on the Mount Tamalpais watershed.

Additionally, the board adopted a two-year budget that supports efforts to address the reliability of our water system and is also strengthening employee engagement to ensure the district can retain and recruit high quality staff to serve the community. That's a win for the district, its employees and for Marin Water customers, who rely on high quality water service.

With these foundational elements in place, and with valuable input from customers, staff and stakeholders, the MMWD Board of Directors has ushered in 2024 by approving the district's strategic plan, charting our work for the next five years.

This plan demonstrates the board's commitment to a resilient water supply, fiscal responsibility and infrastructure investments.

It accelerates work on the Mount Tam watershed and creates a culture of support, as well as appreciation, for our customers and staff.

The district's plan demonstrates not only a commitment to those we serve, but a sense of urgency as well. In the next five years, we will:

- Increase our water supply by strengthening regional partnerships and augmenting existing supplies. Work is well underway to embrace water supply flexibility and efficiencies. The foundation is being laid for investments in both demand management and new supplies that will improve the district's resiliency in the face of climate uncertainty.
- Strengthen the district's critical water infrastructure system to reliably deliver water with a forward-looking approach to wildfire and earthquake risk, as well as energy use and the district's carbon footprint.

Through the district's capital-improvement program, we are prioritizing the most critical projects while embracing transparency with online tools for customers to track our progress.

- Broaden district efforts surrounding our stewardship of watershed lands, including creek restoration, vegetation management, wildfire protection and thoughtful opportunities for expanding recreational activities on the Mount Tam

watershed. This work will be coupled with greater efforts to increase the biodiversity and health of our watershed ecosystem.

- Manage our financial infrastructure to be cost-effective, and double our efforts to secure grants to reduce our costs now — and in the future.
- Achieve organizational excellence by fostering a strong workplace culture that thrives on innovation and customer service. Marin Water works tirelessly to not only attract a diverse, talented staff, but also to support growth through strategic training opportunities.

With more than 110 years serving customers in central and southern Marin County, the district is no stranger to adapting to change.

This five-year strategic plan, together with previous board action, represents a comprehensive approach to overcoming the modern challenges our district faces.

With these plans in place, and a collaborative, community-serving approach in hand, we know that we are on track to a more resilient water future.

Ranjiv Khush is president of the Marin Municipal Water District Board of Directors. Director Monty Schmitt is the immediate past president of the board. Read more about the five-year strategic plan at bit.ly/4aOz0eT.

MOUNT TAMALPAIS WATERSHED

MMWD studies plan for expanded bicycle access

Proposals enthuse riders, but raise concern for hikers



A mountain biker rides a trail at Phoenix Lake near Ross. Bicyclists would get expanded access on the Mount Tamalpais watershed under new proposals. PHOTOS BY SHERRY LAVARS — MARIN INDEPENDENT JOURNAL, FILE



A hiker cools off at Cataract Falls on Mount Tamalpais. Expanded bicycle use has drawn concerns about hiker safety.

BY ADRIAN RODRIGUEZ

ARODRIGUEZ@MARINIJ.COM

Bike access on the Mount Tamalpais watershed could soon be expanded under pilot programs recommended in a draft recreation management study by the Marin Municipal Water District.

The feasibility study outlines desires, needs and issues around recreation on the watershed that are shared by a variety of visitors.

It establishes the framework for updating the district's "watershed road and trail management plan," a guidebook for land stewardship.

A few controversial strategies that have dominated conversation of the study include a pilot program for multiuse trails and bike access on single-track paths.

Another pilot would formalize a study of class 1 e-bikes, also known as pedal-assist bikes, for up to three years.

The district's watershed committee, which consists of the board of directors, decided at a meeting on March 21 that the draft study was ready to be formalized by the board.

"After 50-plus years of riding my bike on this mountain, I am very pleased that I will no longer be a second-class citizen," Andrew Levine of Mill Valley said. "I'm excited," said Rick Jones, a cyclist and member of the Access for Bikes advocacy group. He said that 20 and 30 years ago, cyclists were fractionalized, but after organizing everyone is "environmentally focused." "We're here to help," he said.

While mountain bikers and e-bike advocates are enthused, the plan is a sensitive topic for many who have hiker safety and the environment in mind.

Some community members argue that e-bikes are too heavy and aggressive on the land, posing safety risks and acceleration of trail erosion. E-bike supporters say older bicyclists benefit from the pedal-assisted two-wheelers and they want to continue to enjoy the sport in open space.

Nona Dennis, a representative of the Marin Conservation League, said the environmental organization is not opposed to bicycles. However, she said, its members are interested in safe speeds on trails, and she would also like to know where officials are considering bike access.

"We have never heard where, not one single, specific example has been offered that would say, hey, we think it might work here," Dennis said. "The shoe needs to drop. We need to know where and when before we can speak further."

Barbara Salzman, president of the Marin Audubon Society, said the water district is not a "recreation organization" and the board does not need to provide activity for all recreational users. "It's the protection of the watershed that is your responsibility," she said.

Board member Jed Smith said that ahead of the March 21 meeting he came across an article from 1999 that highlighted that the trails were used by more than 2 million people, but the issues were the same then as they are now. "The only thing that changed in the article were the names that were quoted," he said. "There has been no update of our recreation oversight."

Smith said he supports the plan. "I believe it is thoughtful, balanced and incremental," he said. "It is not a radical shift. It is led by stewardship of our critical habitat, our mission to ensure clean, safe, affordable drinking water."

Board member Ranjiv Khush said he's heard from the community that there are concerns about illegal trail riding, night riding and illegal trail building by cyclists. "I want everyone to know that I share all those concerns very strongly," he said. "But I only see one option for addressing these concerns and that is to make bikers part of the solution. No amount of enforcement or punitive measures are going to get us to where we want to be."

As it stands, bicycles are allowed on more than 90 miles of fire roads throughout the district. Riding bicycles on trails is prohibited.

Bicyclists are limited to a maximum speed of 15 miles per hour while traveling within the watershed and are required to travel at 5 mph when passing others on the road or navigating blind turns.

Updating the roads and trails plan would give the district an opportunity to also revisit its "power-driven mobility" policy, which includes rules for e-bikes. Board member Monty Schmitt said the issue of bike access has dominated the conversation and has been "plaguing the district."

"And I think in a way that did a disservice to other recreation aspects of our lands," he said.

Overall, the study recommends strategies for increased stewardship, visitor outreach services, updating watershed facilities, policies and plans and adaptive management.

Under stewardship, the study recommends work such as habitat restoration and trail volunteer programs, wildlife docent programs and working to decommission illegal trails.

As part of improving visitor outreach, the study suggests creating a GPS enabled visitor map, educational signs and self-guided natural resource interpretation walks. The bike programs fall under the watershed facilities, policies and plans section, along with an evaluation of accessibility updates, slow zone updates and others.

The adaptive management section recommends conducting a visitor census survey every 10 years among monitoring and invasive plant management work. The board is set to review the study at its April 16 meeting.

More information is at marinwater.org/WatershedRecPlan.

Some of Trump's allies in Congress already support his 2025 ideas

By Lisa Mascaro
The Associated Press

WASHINGTON — As Donald Trump campaigns on promises of mass deportations and pardons for those convicted in the Jan. 6, 2021, riot at the Capitol, his ideas are being met with little pushback and some enthusiasm by a new era of Republicans in Congress.

It's a shift from the first term around when the presumptive Republican presidential nominee encountered early skepticism and, once in a while, the uproar of condemnation.

Rather than being dismissed as complacent blather or Trump speaking his mind to rouse his most devoted voters, his words are being adopted as party platforms, potentially able to move quickly from rhetoric to reality with a West Wing in waiting and crucial backing from key corners on Capitol Hill. "We're going to have to deport some people," said Republican Sen. JD Vance of Ohio, one of Trump's biggest supporters, days after campaigning alongside Trump in his home state.

While Democratic President Joe Biden and his allies are sounding alarms about Trump's proposed agenda for a second term — and his promise that he would be a "dictator" but only on Day one — the Republican Party in Congress is undergoing a massive political realignment toward Trump's "Make America Great Again" movement.

Senate GOP leader Mitch McConnell of Kentucky, who clashed with Trump at times particularly over the Capitol riot while also pushing through dozens of his judicial picks, is preparing to step down from his leadership role at the end of the year. House Speaker Mike Johnson, R-La., faces constant threats of his ouster.



Former President Donald Trump talks with Texas Gov. Greg Abbott during a visit to the U.S.-Mexico border in Eagle Pass, Texas, Feb. 29.

Rising in the churn are MAGA-aligned newcomers such as Vance, who wasn't yet elected during Trump's presidency, and Rep. Marjorie Taylor Greene of Georgia, who was elected as Trump lost to Biden in 2020. Both Vance and Greene are considered potential vice presidential picks by Trump.

Greene, who recently filed a motion to potentially force Johnson from the speakership, said it's too soon to be discussing a second-term policy agenda or who will fill West Wing positions. As she campaigns for Trump, she said her priority is just winning the election. Other Republicans in the House and Senate often simply shrug when asked about Trump's agenda, pointing to policies they like and others they might support.

Meanwhile, a cast of former Trump White House officials in Washington is pushing out policy papers, drafting executive actions and preparing legislation that would be needed to turn Trump's ideas into reality. These efforts are separate from Trump's campaign, whose senior leadership has repeatedly insisted that outside groups do not speak for them, though many group leaders would

be in line to serve in a new Trump administration.

If Trump wins, "we are going to have a plan — and the personnel is ready to roll," said Paul Pines, a former Trump administration official who heads the conservative Heritage Foundation's Project 2025, which is collecting thousands of resumes and training staff for a potential second Trump administration.

Trump himself has suggested having a "very tiny little desk" on the Capitol steps so he can sign decrees on inauguration day, Jan. 20, 2025. "On Day 1 of President Trump's new administration, Americans will have a strong leader," said Karoline Leavitt, the campaign's national press secretary. Congress pushed back at times during the first Trump administration, a stable of Republicans joining with Democrats to halt some of his proposals.

Republicans and Democrats resisted a White House effort to commandeer funds for a U.S.-Mexico border wall, leading to the longest government shutdown in history. Republican Sen. John McCain of Arizona, who died in 2018, famously gave a thumbs-down to Trump's effort to repeal

the health law known as the Affordable Care Act.

And after Trump supporters storming the Capitol to try to reverse his 2020 loss to Biden, 10 Republicans in the House voted to impeach Trump for inciting the insurrection and seven Republican senators voted to convict him. Many of those lawmakers have since left Congress. One, Sen. Mitt Romney of Utah, is retiring at the end of his term. Had the Senate convicted Trump, it could have then moved to bar him from holding federal office again.

As a result, there are fewer lawmakers now in Congress willing or able to stand up to Trump or publicly oppose his agenda as he has effectively commandeered the party apparatus, including the Republican National Committee. "The people are all kind of flushed out," said Jason Chaffetz, a former GOP representative who is close to Trump allies on and off Capitol Hill.

Tyann Hill, who argues the 2020 election was stolen and is claiming he should be immune from a four-count federal indictment alleging he defrauded Americans with his crypto investments, said the results, he has made Jan. 6 a cornerstone of his 2024 campaign and often refers to those imprisoned for the attack as "hostages." GOP Sen. Josh Hawley of Missouri, a leader of the effort to challenge the certification of elections on Jan. 6, said he does not agree with the idea of a "blanket pardon" for those convicted in the riot — some 1,400 people have been charged.

But he said he is closely watching the upcoming Supreme Court case contesting that rioters obstructed an official proceeding, which could call into question hundreds of cases, including some of the charges against Trump. "My view is, let's see what the Supreme Court says on that," Hawley said.

Sen. Ted Cruz, R-Texas, once a staunch Trump critic after their fierce rivalry during the 2016 campaign, said anyone who engaged in violence at the Capitol on Jan. 6 should be prosecuted. But Cruz, who also helped challenge the 2020 election that day, was open to pardons for others. "One of the saddest legacies of the Biden presidency," he said, was what he called the "weaponization" of the Justice Department to "persecute" thousands of people who engaged in "peaceful protest."

Perhaps Trump's most enduring campaign promise in 2024 is his repeated pledge to launch the "largest domestic deportation operation in American history" — reviving the immigration and border security debates that helped define his presidency. He points to the Eisenhower-era roundup of immigrants as a model, one that goes far behind his 2017 travel ban on migrants from mostly Muslim countries or the family separations at the U.S.-Mexico border.

Connecticut becomes one of the last states to allow early voting

By Susan Haigh
The Associated Press

STONINGTON, Conn. — For the first time, Connecticut has allowed people to cast ballots early, in person, ahead of an election, years after almost every other state in the country offered voters that option.

Saturday marks the final day of early voting before Tuesday's presidential primary and turnout so far has been light. After the first three days of voting — there was no early voting on Friday because of the Good Friday holiday — 13,366 voters out of more than 1.2 million registered Democrats and Republicans had cast their ballots in person.

President Joe Biden and former President Donald Trump already have secured the required delegates to be considered their parties' presumptive nominees, so the stakes are not high. Despite the relatively small turnout as a result, state officials said they were pleased, noting there had been no major issues with the new system. "We asked voters to help us test the system and make their voices heard, and voters of Connecticut answered the call," Secretary of the State Stephanie Thomas said in a statement.

Now only four states — Alabama, Delaware, Mississippi and New Hampshire — do not allow early in-person voting, although they may offer options for eligible absentee voters. Delaware previously allowed early voting, but a state court struck it down as unconstitutional in a Feb. 23 ruling.

Marya Ursin finally got the chance to vote early in Connecticut and at a time that suited her busy schedule. It was a welcome change from her traditional early-morning rush to the polls before each Election Day. "I like it," she said after casting her early presidential primary ballot for Biden in the basement of Stonington Town Hall. "I can just kind of fit it in and not worry about it."

Advocates had tried for years to amend the state's unusually rigid constitution, which strictly dictated the time, place and manner of elections, essentially requiring voters to cast ballots at their local polling place on Election Day in a general or primary unless they met the state's strict qualifications to vote by absentee ballot.

There was resistance to change in the state known as the "Land of Steady Habits," especially from Republicans who voiced concerns about removing what they consider voting safeguards and whether local voting officials had enough funding and staffing to provide early voting. Connecticut came close in 2014 to finally amending

its constitution to grant the General Assembly the authority to eliminate restrictions on early voting and allow expanded eligibility for absentee ballots. But that ballot question, which advocates acknowledged was poorly worded and likely confused voters, was rejected.

Finally, voters approved a constitutional amendment in 2023 with more than 60% of the vote and the General Assembly passed legislation outlining the details last year. While there were four days of early voting for this primary, there will be 14 for the general election.

"If you want to vote in the presidential primary, today is the final day of early voting," Gov. Ned Lamont wrote on Saturday, the website formerly known as Twitter. "Every town has ONE early voting location open today from 10AM-6PM."

Under Connecticut's new system, when a voter goes to the polls, his or her name is looked up in the state's Centralized Voter Registration System. "We asked voters to help us test the system and make their voices heard, and voters of Connecticut answered the call," Secretary of the State Stephanie Thomas said in a statement.

Peggy Roberts, the Republican registrar of voters in Stonington, said the early voting launch was "slow but steady," with 61 people casting early votes the first day. The voters, she said, have tended to be older. "They like the fact that they're not having to stand in line," said Roberts, adding that looking up individuals on the computerized voter database has been the most time-consuming part and may need to be adjusted before the general election.

But that process has been educational for some voters, she said. "In every town there's a few people who think that it's easy to cheat and they're seeing that it's not easy to cheat," she said. "It's very organizing and secure."

Not everyone was convinced. JoLynn Brochu, a Republican, said she and her husband Dan Brochu decided to vote early after passing the Stonington Town Hall during a walk. Even though they cast votes, they were not convinced early voting is needed in Connecticut and believe there should be just one day to submit ballots.

"Too much opportunity for cheating," JoLynn Brochu said of the early voting option. Yet Brochu said it makes sense as a Republican to use the opportunity to vote early in case there are long lines at the polls on Election Day or a problem with a voting machine. "I know Democrats take that opportunity at a much higher rate than Republicans do," she said. "So I think it's important for Connecticut to start doing the same thing."

Budget Review Schedule FY 2024-25

Curious about how our annual budget and water rates are set? Join North Marin Water District's upcoming FY 2024/2025 budget sessions to learn more, participate and give us your feedback:

- March 13, 2024**
 Novato & Recycled Water Rate Study Presentation and Public Workshop
- April 2, 2024**
 Novato and Recycled Water Rate Study Approval at Regular Board Meeting
- April 2, 2024**
 West Marin & Ocala Marin Financial Plan at Regular Board Meeting
- May 7, 2024**
 Capital Improvement Program Presentation at Regular Board Meeting
- June 4, 2024**
 Comprehensive District Budget and Rates Review all Service Areas at Regular Board Meeting
- June 18, 2024**
 Comprehensive District Budget and Rates Approval – for all Service Areas Public Hearing at Regular Board meeting

All meetings and workshops start at 4:00pm at the temporary District Administration Office: 100 Wood Hollow Dr., Novato, CA 94945

Opportunity to Serve Your Community in an Essential Capacity!

You're encouraged to apply for appointment to a vacant seat on the Los Gallinos Valley Sanitary District Board of Directors. The Board makes crucial policy decisions for the District and its facilities, serving over 30,000 customers and fulfilling its environmental and operational mission.

The District provides wastewater collection and treatment, recycled water, and a reclamation area with ponds, a marsh, and public trails, and is involved with solar and biogas power generation.

Deadline: A signed hard copy of the completed application must be physically received by the District by 3 PM, April 15, 2024. The District is not accepting emailed applications. The appointee will serve until December 2024. This seat will be up for election in November 2024, to fill the remaining two years of the term (to December 2026).

Questions? Please contact Teri Lerch, District Secretary at (415) 472-1734.

For more information and the application visit: www.lgvsd.org



MARIN MUNICIPAL WATER DISTRICT

‘Capital intensive’

Utility weighs pros, cons of recycled drinking water



Employees spray a vehicle with recycled water at the Chevron gas station car wash in Mill Valley. PHOTOS BY SHERRY LAVARS — MARIN INDEPENDENT JOURNAL



A recycled water filling station stands at the Marin County Civic Center in San Rafael in 2021.

BY ADRIAN RODRIGUEZ

ARODRIGUEZ@MARINIJ.COM

It doesn't look like wastewater will be turned into tap water in Marin County any time soon.

California regulators approved new rules in December allowing water agencies to purify wastewater and put it back into the pipes that carry drinking water to homes, schools and businesses.

Officials at the Marin Municipal Water District said potential projects come with a high cost and lots of complexities.

"Where we stand is we look forward to continuing to monitor the regulations and larger agencies," said Lucy Croy, water quality manager.

With that said, members of the district board said they are interested in pursuing expansion of its purple pipe system that delivers recycled water for such purposes as irrigation, toilet flushing and industrial cooling.

The district board and staff held a discussion last month on the latest cost estimates, water yields and challenges of expanding its recycled water system, including opportunities for turning sewage into drinking water.

"In summary, expansion of purple pipe is definitely possible," Croy said.

However, she said, "It's capital intensive, and from what we've seen it's supply limited."

The district, which serves 191,000 residents in central and southern Marin, launched a study into new water sources in 2022 after facing potential reservoir depletion from the drought. Rains in late 2021 nearly refilled the district's reservoirs, giving the county's largest water supplier more time to study the costs and benefits of potential new sources of supply.

The resulting study is the water supply roadmap that was approved last year, which, in addition to increasing reservoir storage, explores expanded recycled water opportunities.

The district's recycled water program provides more than 700 acre-feet of recycled water to 330 customers in the Terra Linda area of San Rafael. The district was one of the first California agencies to recycle wastewater, pioneering the use for car washes, commercial laundries and more.

The district operates approximately 25 miles of recycled water pipeline, three pump stations and two storage tanks and a treated water clear well with a combined storage capacity of 1.7 million gallons. The Las Gallinas Valley Sanitary District provides the recycled water.

At a board presentation on March 19, Croy said district staff conducted a recycled water feasibility study in 2000. Those findings have been refreshed with new estimates, she said.

There are several expansion opportunities to increase recycled water use, including through infill — which is adding new customers within the existing recycled water system.

Other opportunities include expanding the purple pipe system throughout the county, and partnering with other agencies to create a new recycled water system.

The expansion was broken down into 21 phases.

One option would phase 10 projects throughout San Rafael, including in the Canal and Peacock Gap neighborhoods. In total, the phased approach is expected to yield 345 acre-feet of recycled water distributed through 24 miles of pipe.

However, it would cost an estimated \$60.6 million, plus an annual cost of nearly \$11,000 per acre-foot to operate.

Expansion for project phases 11 through 21 in the areas of San Quentin, Corte Madera, Larkspur and Greenbrae would yield 602 acre-feet of water through 17 miles of pipe at a cost of \$64.7 million. It would cost about \$7,000 per acre-foot annually.

Staff said that rather than this phased approach, the district could do a "project-based" expansion of the system, where it can pick and choose individual projects.

Board members seemed interested in exploring an option for Peacock Gap, which was a project that would yield the most recycled water on its own at 285 acre-feet. That project is estimated at \$26.7 million, with an annual expense of \$6,355 per acre-foot annually.

Board members were also interested in a partnership with Central Marin Sanitation Agency for an \$11.4 million expansion in the San Quentin area and a \$4.3 million project in coordination with the Sewerage Agency of Southern Marin.

"I do think there are some further explorations that we could have here, and I would like us to make some efforts to continue our recycled water work," said Jed Smith, a board member.

When it comes to making drinking water, Croy said, officials want to monitor the new state regulations and see how wastewater treatment technology might evolve. Croy presented possible projects for indirect potable reuse, or IPR projects, and direct potable reuse, or DPR.

IPR is where recycled water is used to replenish drinking water supplies either through groundwater injection or placement in surface water reservoirs.

One project being considered would collect wastewater from Las Gallinas and the Sewerage Agency of Southern Marin and carry it to a treatment facility at the Central Marin Sanitation Agency to be purified.

The purified water would be distributed through 28 miles of pipelines and four new pump stations to Kent Lake, one of the district's reservoirs.

The annual yield is estimated at 7,840 acre-feet of water. The project would cost \$452 million. It would cost about \$4,500 per acre-foot of water to operate annually.

However, because reservoirs have been spilling in recent years, the treatment method would need to operate intermittently. The startup and shutdown operations drive up the expected cost to \$13,512 per acre-foot, staff said.

When it comes to direct potable reuse projects, the purified water would be either placed in a raw water supply immediately upstream of a water treatment plant, or directly into a public water system.

These types of projects posed the same problems: high costs, complex treatments and coordination among agencies. One project that would transfer purified water to Bon Tempe Lake would cost about cost \$433 million. Continuous annual operation is estimated at \$5,100 per acre-foot, while intermittent operation is about \$15,000.

Another DPR option that would treat water at Central Marin Sanitation Agency is estimated at \$124 million. Continuous operation would be about \$3,500 annually, while intermittent operation is about \$10,686.

Board member Monty Schmitt said he believes the DPR method of treating sewage for drinking water is part of the future. He said he is interested in staff taking a deeper dive into the costs estimates and funding opportunities of the projects.

"If grant funding would substantially cover the costs of capital construction, that could really change these numbers," Schmitt said.

Board member Matt Samson said the discussion around turning wastewater to tap water is directly related to storage capacity.

"I think we can start looking at some possible synergies that would start making sense for that, especially when it's dry all winter and we have plenty of storage to be able to fill up," Samson said.

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gg roll draws n-delayed start

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id grace to- A large schoolhouse her." erected on the South Lawn offered kids activities in the fields of science, technology, engineering and mathemat- ics, or STEM - including making circuit-breakers, simulating a fossil dig and learning about next week's solar eclipse. Youngsters also wrote notes to U.S. troops and first responders with Operation Gratitude, a nonprofit organization.

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Teresa Lerch

From: Mark Millan <millan@datainstincts.com>
Sent: Tuesday, April 2, 2024 1:01 PM
To: Undisclosed Recipients
Subject: Marin water district digs into recycled water costs - Marin IJ 4/1/24

Marin water district digs into recycled water costs

Adrian Rodriguez, Marin IJ 4/1/24

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Link: <https://www.marinij.com/2024/04/01/marin-water-district-digs-into-recycled-water-costs/>

News Update



[DataInstincts.com](https://www.datainstincts.com)

707.836.0300

News related to the exploration and use of new water resources. If you prefer to opt out please reply: no longer interested.

MARIN COUNTY

Public health tool gauges risks from rising sea-level

Factors help determine what makes community vulnerable



Homes in the Spinnaker Point neighborhood stand alongside wetlands in San Rafael. Nearly all of the residents in the Canal area live in the flooding zone, according to the county. PHOTOS BY ALAN DEP — MARIN INDEPENDENT JOURNAL

Jocelyn Chung built the tool over about five months. Chung is in the California Epidemiologic Investigation Service Fellowship Program, which trains public health officials. The dashboard is based on data from the U.S. Census Bureau and the California Department of Public Health.

“So we are able to identify those areas and, ideally, we can dedicate resources and plan interventions and strategies on those specific areas that are described as having high vulnerability demographic-wise and also high-flood-risk-wise,” Chung said.

Chung said the health effects of flooding go beyond injuries and displacement. Flooding can foster household mold, which causes respiratory health problems, and contaminate groundwater. Additionally, standing water increases the risk of infectious diseases.

Willis said displacement, homelessness and infrastructure disruption are huge concerns for public health officials. He said most of the deaths from Hurricane Katrina in 2005 were related to chronic illnesses like hypertension, diabetes, heart attacks and strokes. “Especially for chronic illness, like people who use refrigerators to store their insulin, there’s a lot of disruption when people are displaced,” Willis said.

For example, the Canal neighborhood has both high social vulnerability and high flood risk. More than half of the surface area is covered by impervious surfaces, and more than 99% of the residents live in the flooding zone.

Socially, high percentages of the population — compared to the county’s metrics — are renters, low-income workers and people of color. Nearly 20% have lower English proficiency, and 35% are not U.S. citizens.

Cory Bytof, the sustainability program manager for San Rafael, said the city is aware of the factors that make the Canal area more vulnerable. He said the city has focused specifically on the Canal neighborhood on sea-level rise and flooding, and is collaborating with various nonprofits and organizations on related projects.

“The city was awarded approximately \$1.5 million in grant funds to study options to reduce flood impacts due to sea-level rise and other factors specifically for Canal residents and businesses,” Bytof said.

Bytof said the dashboard will help make the case for focusing resources and projects in areas most vulnerable to a variety of climate effects. The sea-level rise dashboard will be updated yearly. More dashboards are on the way to measure vulnerability to threats like heat and wildfires, according to Willis.

Willis said he hopes community leaders and local governments will use the dashboard to make efforts to address flooding caused by sea-level rise more equitable. “We need to be planning for the reality that sea level is rising and will continue to rise, and our hope is that this tool will help us all take into account really important factors by adding a social piece,” he said.

The dashboard is at marinhhs.org/marin-county-climate-and-health.

MARIN MUNICIPAL

Water plan adopted to hit goals on use, supply

District outlines actions for a five-year strategy

BY KRISSY WAITE

KWAITE@MARINIJ.COM

The Marin Municipal Water District has adopted its strategic work plan as it strives to reduce potable water use and increase supply.

The work plan, approved unanimously at Tuesday's board meeting, outlines the steps needed to implement the five-year strategic plan the district adopted in February.

The strategic plan includes targets for water supply, drought resiliency, land stewardship and fiscal responsibility. It has 113 actions that will help the district meet its goals, according to Adriane Mertens, the communications manager for the district. The district employs nearly 250 workers across 25 departments. It is responsible for getting water to about 191,000 people in central and southern Marin.

To reduce potable water use, the district wants to test automated meter infrastructure within the next year; participate in water loss and use studies; and perform a seasonal public communications campaign on water efficiency.

Other actions include creating an emergency plan to increase water supply during shortages; electrification design for the Soulajule pump station; and to begin the design and a California Environmental Quality Act analysis for a pipeline from the Soulajule Reservoir to the Nicasio Reservoir. Mertens said the district, which manages about 19,800 acres of watershed land, has heard requests to clearly outline what its role in conservation is.

"Specifically, regarding our work to protect animal species along the watershed," Mertens said.

This year, the utility plans to discuss a carbon neutrality policy; begin restoring sites along Lagunitas Creek; host watershed hikes in the community; and contribute biological monitoring data to various environmental agencies and groups.

Jed Smith, a water district board member, pointed out that many of the actions are scheduled to happen in the fourth quarter.

"I think the one that stood out to me was the need for an emergency water supply plan in case drought happens," Smith said. "Starting that in another nine months gives me a little concern, but right now we have rain so it feels OK, but I feel like we're in a crisis right now."

Ben Horenstein, the water district's general manager, added that a lot of planning about emergency water supply was done during the last drought, but a lot of work remains.

"It will be a difficult discussion," Horenstein said. "Of course, that's really this last resort because all the work we're doing now, moving ahead with the near-term projects, are pushing that back in the long term projects and the right plan, where we're headed, will have projects designed and through CEQA ready to go."

Board member Monty Schmitt said he noticed how many of the items needed a funding source. "I want to have a discussion about how we're going to meet these needs, because we can't have them in here and have a vision that they are going to be completed if we need to identify additional funds," Schmitt said.

Horenstein said he did not see an obstacle to funding because the district is running with a surplus.

MARIN MUNICIPAL

Options for water pipeline narrowed

Marin reservoirs could get supply from Russian River

BY KRISSY WAITE

KWAITE@MARINIJ.COM

Aiming to boost the county's water supply, the Marin Municipal Water District is exploring the idea of connecting pipelines in Petaluma and Cotati to its reservoirs.

District staff presented three main potential projects — narrowed from 13 — at Tuesday's board of directors meeting.

"It's getting exciting every time we whittle that list down," board member Matt Samson said.

The pipelines would transport water from the Russian River into Marin reservoirs. Treated Russian River water is transported to Marin through a 9-mile aqueduct along the Highway 101 corridor from Petaluma to North Marin Water District in Novato.

The district then sends the water directly to the Marin Municipal Water District's water distribution system.

Board members expressed concern over cost estimates, which ranged between \$140 million and \$380 million.

In February 2023, the board selected a roadmap for improving water supply. The aim of the project is to enhance the reliability, flexibility and resiliency of the district's water system to improve service to customers. Tim Taylor of Carollo Engineers, an environmental engineering firm hired by the district, recommended three alternatives. All three projects would be phased in design and construction.

The first would involve connecting the pipelines to NMWD's aqueduct system. Phase one would include a pipeline from Stafford Lake to the MMWD's Soulajule Reservoir.

Phase two would add another pipeline connecting Stafford Lake to the existing NMWD aqueduct system. An additional phase would add a pipeline to Nicasio Reservoir, part of the MMWD system.

The project would total 16.2 miles and could increase supply by 24 million gallons per day. Its capital cost is estimated at \$129 million to \$196 million.

A second option presented would use the same aqueduct system and add a pipeline via San Antonio Road to the Soulajule Reservoir. Later phases would build a pipeline system from water tanks in Cotati down to Kastania and connect the new Soulajule pipeline to Nicasio Reservoir.

This alternative would add 14.8 miles of pipeline and cost between \$148 million and \$378 million. It could increase supply by up to 39 million gallons per day.

The last option, and most expensive with an estimated cost of \$380 million, would involve new construction along the Highway 101 corridor through downtown Petaluma and to the Soulajule Reservoir. The next phase would extend it to the Nicasio Reservoir. It could increase water supply by 30 million gallons per day.

Options involving Stafford Lake and the south transmission system — a network of pipes and pump stations in southern Sonoma County — were ruled out as standalone projects because they did not significantly increase the water supply.

The list was narrowed to three by evaluating criteria like how it would increase resiliency, its overall sustainability, the environmental and community impacts and the project's flexibility and feasibility.

"So what would represent a favorable criteria score would be a project that adds some substantial sustainable dry-year yield," said Paul Sellier, the district's water resources director. "If it was a project that allowed us to adapt to climate change, for example."

Board member Larry Russell said the budget estimates were concerning, and wondered if the district would need that much water.

"These are big dollars," Russell said. "I'm concerned that we're at levels that are too high for the district to afford any of the alternatives."

Board member Jed Smith said the cost estimates raise questions about how financial feasibility was weighed in the options.

"It does kind of make you question the scoring," Smith said. "That should have knocked it out to zero."

District staff said more information, including specific costs and environmental constraints, needs to be gathered.

Ben Horenstein, district general manager, said a more detailed analysis of costs and funding was yet to come, but said he recognized that it is a significant issue.

"I think it's important for the public to understand that if we want the perfect system, it's going to be really expensive," Samson said. "So we have to understand what is going to be the best for our money."

A final recommendation is expected to be made to the board this summer.

ENVIRONMENT

Marin water reservoirs flush as summer nears

Positive outlook at utilities tempered by La Niña prospect



Pedestrians walk in the rain Thursday on Rowland Boulevard in Novato. Parts of Marin County have received nearly 60 inches of rain since October. PHOTOS BY SHERRY LAVARS — MARIN INDEPENDENT JOURNAL



BY KRISSY WAITE

KWAITE@MARINIJ.COM

A rainy winter and early spring have replenished reservoirs in Marin County, but water suppliers remain cautious heading into the dry months.

Despite wet weather recently, April signals the waning of state’s rainy season, providing a clear picture of how much water the region has to work with until the rain returns in the fall.

Since October, Mount Tamalpais has received 41.47 inches of rain, according to Nicole Sarment, a meteorologist with the National Weather Service. Sarment said the number does not account for the recent snowfall reported on the peak on Thursday.

Marin Municipal Water District reservoirs, which serve most of the county, were at 100% capacity on March 31; the average storage capacity for that date is 91.49%.

The district’s reservoirs have been full and spilling since Jan. 22, according to spokesperson Adriane Mertens.

In Novato, the North Marin Water District’s sole reservoir, Stafford Lake, has been full and spilling since Feb. 4, according to Tony Williams, general manager for the district.

Water managers in Marin look to the National Oceanic and Atmospheric Administration for seasonal outlooks on precipitation and temperature. The current El Niño, a climate pattern that influences temperatures and precipitation globally, is one of the strongest on record, according to the federal agency. But that might be about to change. Experts at NOAA are predicting the probability of La Niña — and its drier conditions — beginning to build in June and August.

“It’s too soon to predict the forecast for later summer weather conditions, but we know to expect dry conditions based on what we’ve seen the last several years,” Mertens said. “Fortunately, thanks to above-average rainfall and continued lowered consumption from customers, we have adequate water supply to provide for customers for the next year.”

About 75% of the Marin Municipal Water District supply relies on rainfall on the Mount Tamalpais watershed, which fills the district’s seven reservoirs. Mertens said that from October to March of this year, Lake Lagunitas received 57.2 inches of rain — a total that is in the top 25 percentile of the 146 years of the district’s rainfall data.

“It’s great to see that we’re just about at the total rainfall that we’d expect for a full water year,” Lucy Croy, water quality manager at the district, said in an update on the water supply at a meeting on March 5.

Croy said the water year began in October with reservoirs around 10,000 or 15,000 acre-feet below capacity. An acre-foot is about 326,000 gallons of water.

Croy said to fill to capacity — 80,000 acre-feet — with 50 inches as of March, seems impressive, but that the timing of the rain helped.

“If you can have these storms one after another, this is the kind of impact we do see,” Croy said. “So we’ll see how many more storms we have over the next few months, but right now we’re sitting well in our local storage.”

Mertens said the average total rainfall for the six-month period is 45.9 inches, which is below recent years. In 2017, Lake Lagunitas received 88.7 inches, in 2019 it got 64.7, and last year 71.2 inches of rainfall were recorded.

In drier years, Lake Lagunitas has not fared as well: In 2020 it got 30.6 inches of rainfall, and in 2021, only 19 inches. However, the average cumulative rainfall for April and May is 5.3 inches.

“So there’s a chance we could see more rain through May,” Mertens said.

The North Marin Water District has tracked about 32 inches of rain from July 2023 to April 4. The prior year tracked about 10 more inches of rainfall for the same time period.

The Marin Municipal Water District still buys about a quarter of its supply from the Sonoma County Water Agency, whose water comes from the Russian River.

Comparatively, the North Marin Water District reservoir can only supply on average around 20% of the demand in the Novato service area. Williams said a better metric for predicting water supply through the summer is the Sonoma County Water Agency’s reservoirs at Lake Sonoma and Lake Mendocino. Both are full.

“We rely on imported water from Sonoma Water on a regular basis and have been since the 1960s, so purchasing imported water every year is a given,” Williams said.

Mertens said water usage typically goes up in the summer because of swimming pools, spas and outdoor irrigation. However, Williams said the district has not seen a similar increase.

“We are seeing a flat trend in water use for the last three years likely due to the dry conditions in 2021 and 2022 and resulting emergency conservation ordinances mandated by the state,” he said. “We are assuming continued flat growth for the coming year in light of the past trends and the second year of good rainfall and late season rains.”

NEW STUDY

NMWD rate increase proposed

Hike needed to cover rising charges from Sonoma Water

BY ADRIAN RODRIGUEZ

ARODRIGUEZ@MARINIJ.COM

With the cost of imported water continuing to climb, the North Marin Water District is proposing to explicitly pass on a portion of the tab to its Novato ratepayers for the first time.

A new rate study suggests that the district needs to increase its revenue by 8.5% in the next fiscal year to cover rising charges from Sonoma Water, its wholesale water supplier, and to continue its capital projects.

Under a proposed plan, the median single-family home will have an increase of about 8.5%, or about \$9.54, starting in July.

The district is also proposing a “pass-through” provision starting in the 2025-26 fiscal year that will allow officials to modify rates to reflect the fluctuating charges from the wholesale water provider.

Any wholesale water cost increases will be “passed through” to customers to ensure the district does not overcharge or undercharge its customers, said Tony Williams, the district’s general manager.

If the pass-through provision is approved, ratepayers will be notified in advance of any changes on their bill, he said.

Williams said the district maintains an approximate asset value of \$330 million, which includes pipelines, pumps and reservoirs. It’s expensive to maintain and upgrade the infrastructure, and the district is doing it without issuing loans or bonds, he said.

The district conducted an extensive cost-of-service analysis for water purchase, treatment and delivery, facility replacement and upgrades, daily operations, and many other factors to arrive at the proposed rate plan.

“The current cost-of-service analysis has resulted in modest updates to the rate structure, which ensures that each class of customer will continue to pay their fair and proportional share of costs,” Williams said. “These changes to the rates will result in billing changes that will vary by customer depending on the size of their meter and the amount of water that they use.”

Last week, the district board accepted the study and directed staff to prepare a notice for a public hearing set for June 18 to consider the proposed rate plan.

In addition to climbing costs for wholesale water, the impact of inflation and other factors have influenced the rate discussion.

Last year, the district increased its rates by 9.5%, a bump that raised the median residential bimonthly bill by about \$12. That was about 3% higher than the previous three years.

A forecast trend of costs outpacing revenue led the district to study its rate structure one year ahead of schedule. Hildebrand Consulting was hired for \$60,000 in October to produce the report.

The district serves about 60,000 residents in the greater Novato area as well as about 1,800 residents in areas of western Marin. The district sets different rates for Novato and western Marin because they are served by different

water supply systems.

The district receives about 75% of its water from Russian River imports through Sonoma Water, with the remainder coming from its Stafford Lake reservoir.

Last year, the Sonoma Water board voted to increase its wholesale water rates, particularly for Marin's two largest agencies, North Marin and the Marin Municipal Water District.

This year's proposed increase for the North Marin Water District is 11.74%. Rate increases have been 6.5% on average over the past 10 years, said Andrea Rodriguez, spokesperson for Sonoma Water.

"The past two years have been higher than previous years due to three years of historic drought, state mandated conservation measures, which led to low water deliveries, revenue shortfalls, and depleted reserves," Rodriguez said.

The 2022-23 fiscal year was the lowest water sales year in the past 30 years for the agency, Rodriguez said.

"Sonoma Water's fully volumetric rate structure means that water deliveries are the biggest determining factor in annual rate increases," Rodriguez said. "Total water demand growth for the past 10 years is negative. Due to our fully volumetric rate structure, if water deliveries continue to decline, rate increases will rise."

Rodriguez said the Sonoma Water board is expected to vote on the proposed water transmission budget and rates at its April 16 meeting.

The North Marin Water District does not import water to western Marin, so it does not expect to change its rate plan for those customers, Williams said.

Marin Municipal Water District also increased rates last year, in part for similar reasons. The district approved a four-year rate plan that increased the median single-family home rate by about 20%.

In July, MMWD customers will see another increase that is dependent on three variables: meter size, water use and customer class — for example, single-family residential, multi-family or commercial.

A typical single-family home customer will have a 12% increase on the water bill, said Jessie Underhill, spokesperson for MMWD. Customers will first see this increase on the bimonthly bill they receive in September or October, Underhill said.

To help customers most accurately estimate what rate increase they can expect based on their use and meter size, MMWD provides a rate calculator at marinwater.org/2023RateSetting.

North Marin's water rates are expected to be discussed at a district budget and rates review session at the board's June 4 meeting. A public hearing is set for 4 p.m. June 18 at the district's temporary headquarters at 100 Wood Hollow Drive in Novato.

More information is at NMWD.org.

WASHINGTON

EPA bans 'forever chemicals' in tap water

BY LISA FRIEDMAN

THE NEW YORK TIMES

For the first time, the federal government is requiring municipal water systems to remove six synthetic chemicals linked to cancer and other health problems that are present in the tap water of hundreds of millions of Americans.

The extraordinary move from the Environmental Protection Agency mandates that water providers reduce perfluoroalkyl and polyfluoroalkyl substances, known collectively as PFAS, to near-zero levels. The compounds, found in everything from dental floss to firefighting foams to children's toys, are called "forever chemicals" because they never fully degrade and can accumulate in the body and the environment.

The chemicals are so ubiquitous that they can be found in the blood of almost every person in the United States.

A 2023 government study of private wells and public water systems detected PFAS chemicals in nearly half the tap water in the country.

Exposure to PFAS has been associated with metabolic disorders, decreased fertility in women, developmental delays in children and increased risk of some prostate, kidney and testicular cancers, according to the EPA.

EPA Administrator Michael Regan called the new regulation "life changing."

"This action will prevent thousands of deaths and reduce tens of thousands of serious illnesses," Regan said on a call with reporters Tuesday.

He described the rule as the most significant action the federal government has ever taken to reduce PFAS exposure in drinking water.

"We are one huge step closer to finally shutting off the tap on forever chemicals once and for all," he said.

The EPA estimated it would cost water utilities about \$1.5 billion annually to comply with the rule, though utilities maintain that the costs could be twice that amount and are worried about how to fund it. States and local governments have successfully sued some manufacturers of PFAS for contaminating drinking water supplies, but the settlements awarded to municipalities have been dwarfed by the costs of cleaning up the chemicals, municipal officials said.

Industry executives say taxpayers will ultimately foot the bill in the form of increased water rates.

The 2021 bipartisan infrastructure law provides \$9 billion to help communities address PFAS contamination, and the EPA said \$1 billion of that money would be set aside to help states with initial testing and treatment.

Regan announced the regulation Wednesday in Fayetteville, North Carolina, near the site where, in 2017, a Chemours chemical plant discharged water contaminated with PFAS into the Cape Fear River, making the local drinking water unsafe.

Regan, who previously served as North Carolina's top environmental regulator, oversaw the Cape Fear PFAS investigation at the time and forced Chemours to clean up the air, soil and water in lower Cape Fear River basin communities.

In 2022, the EPA found that the chemicals could cause harm at levels "much lower than previously understood" and that almost no level of exposure was safe.

Under the new rule from the EPA, water utilities must monitor supplies for PFAS chemicals and would be required to notify the public and reduce contamination if levels exceeded the new standard of 4 parts per trillion for perfluoroalkyl and polyfluoroalkyl substances.

Previously, the agency had advised that drinking water contain no more than 70 parts per trillion of the chemicals.

Public water systems have three years to complete their monitoring. If those samples show that levels of PFAS exceed the new EPA standards, the utilities would have another two years to purchase and install equipment designed to filter out PFAS.

In a 2020 peer-reviewed study, scientists at the Environmental Working Group, a nonprofit organization, estimated that more than 200 million Americans had PFAS in their drinking water.

Public health advocates and scientists said the new regulation was overdue.

“A growing body of scientific research shows that PFAS chemicals are more harmful to human health than previously thought, and at extremely low levels,” said Anna Reade, director of PFAS advocacy at the Natural Resources Defense Council, an environmental group.

In just the past year, more than a dozen peer-reviewed studies have found evidence of additional health effects of PFAS exposure, including a delay in the onset of puberty in girls, leading to a higher incidence of breast cancer, renal disease and thyroid disease; a decrease in bone density in teenagers, potentially leading to osteoporosis; and an increased risk of Type 2 diabetes in women.

Dr. Susan Pinney, the director of the Center for Environmental Genetics at the University of Cincinnati, led a longitudinal study of young girls who had been exposed to PFAS after an industrial plant in West Virginia released the chemicals into the Ohio River.

She called the number of people exposed to PFAS around the country “mind boggling.”

Robert Bilott, an attorney who has spent more than two decades litigating the hazardous dumping of PFAS chemicals, said he had alerted the EPA to the dangers posed by the chemicals in drinking water as early as 2001.

“It has taken far too long to get to this point, but the scientific facts and truth about the health threat posed by these man-made poisons have finally prevailed,” Bilott said.

The EPA calculated the health benefits of the new regulation at about \$1.5 billion annually from reductions in cancer, heart attacks and strokes and birth complications.

But Republicans and industry groups, along with many mayors and county executives, said the Biden administration had created an impossible standard that would cost municipal water agencies billions of dollars.

Several questioned EPA’s accounting as well as the science used to develop the new standard.

The American Water Works Association, the Association of Metropolitan Water Agencies and other groups representing water utilities estimated that the cost of monitoring and remediation of PFAS could be as much as \$3.2 billion annually.

The figure is based on an analysis conducted for the American Water Works Association by Black & Veatch, a firm of consulting engineers.

Communities with limited resources will be hardest hit by the new rule, they said.

“When regulations are set near zero, that is not something manufacturers or water systems can economically achieve,” Brandon Farris, vice president of energy policy at the National Association of Manufacturers, wrote in a letter to the EPA.

“Regulations that are not economically achievable will lead to critical substances being manufactured outside the U.S. where environmental protections are often less stringent.”

Christina Muryn, the mayor of Findlay, Ohio, a town of about 50,000 people, said that, while clean drinking water is an imperative, the EPA was requiring municipalities to meet new mandates without adequate support.

“That is very frustrating to me as a citizen, as a mayor, and as someone who is responsible for our water treatment system,” Muryn said.

Public health advocates said the costs of the new rule were outweighed by the growing body of evidence of the dangers posed by PFAS.

Widely used since the 1940s, the chemicals are useful in repelling water and oil.

Nonstick pans have been most famously associated with PFAS but the chemicals can be found in water-repellent clothes and carpets, certain shampoos, cosmetics and hundreds of other household items.

Teresa Lerch

From: Las Gallinas Valley Sanitary District <updates@datainstincts.com>
Sent: Thursday, April 11, 2024 9:19 AM
To: Teresa Lerch
Subject: Monday, 4/15 Deadline to Apply to Serve on LGVSD Board



MEDIA REMINDER: MONDAY APRIL 15 DEADLINE to Apply to Serve on LGVSD Board

This is a reminder that the deadline to apply for appointment to the Las Gallinas Valley Sanitary District (LGVSD) Board of Directors is 3 PM, MONDAY, APRIL 15.

The Board makes crucial policy decisions for the District and its facilities, serving over 30,000 customers and fulfilling its environmental and operational mission. The District provides the community with wastewater collection and treatment, recycled water, and a reclamation area with ponds, a marsh, and public trails, and is involved with solar and biogas power generation.

A signed hard copy of the completed application must be physically received by the District by **3 PM, Monday April 15, 2024**. The District is not accepting emailed applications. The appointee will serve until December 2024. This seat will be up for election in November 2024 to complete the remaining two years of the term (to December 2026).

Questions? Please contact Teri Lerch, District Secretary at (415) 472-1734.

For more information and the application visit: www.lgvsd.org.