



101 Lucas Valley Road, Suite 300
 San Rafael, CA 94903
 Tel.: 415-472-1734
 Fax: 415-499-7715
 www.LGVSD.org

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
 Craig K. Murray
 Barry Nitzberg
 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

November 7, 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

OPEN SESSION:

4:00 PM

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.

CLOSED SESSION:

4:05 PM

2. CONFERENCE WITH LEGAL COUNSEL—ANTICIPATED LITIGATION – Significant exposure to litigation pursuant to subdivision (b) of Gov. Code Section 54956.9 - Two potential cases.

OPEN SESSION:

4:45 PM

3. 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 October 17, 2024
- B. Receive and Ratify the Check Warrant List
- C. Approve Transfer of Biosolids Program Monitoring and Research Support Contract to Parsons
- D. Approve Contract Amendment No. 1 for GHD Terra Linda Highway 101 Undercrossing Sewer Lining Project
- E. Approve Award of Contract for Rafael Meadows Fencing Project

Possible expenditure of funds: Yes, Item B through E.

Staff recommendation: Adopt Consent Calendar – Items A through E.

5:00 PM

4. INFORMATION ITEMS:

STAFF/CONSULTANT REPORTS:

1. General Manager Report – verbal
2. Administration Department Report – written
3. Quarterly Financial Report – written
4. Presentation of GFOA Certificate of Achievement for Excellence in Financial Reporting - written
5. Collections/Maintenance/Safety Department Report - written

5:30 PM

5. AWARD OF CONTRACT TO HAZEN AND SAWYER FOR BIOSOLIDS MANAGEMENT STRATEGY

Board to review and approve the award of contract to Hazen and Sawyer for biosolids management strategy.

5:40 PM

6. 101 LUCAS VALLEY ROAD OFFICE LEASE RENEWAL

Board to review and approve the proposed office lease renewal for the Administration office located at 101 Lucas Valley Road.

5:50 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, Energy 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, Energy Ad Hoc Committee, Other Reports

3. NITZBERG

- a. Operations Control Centers Ad Hoc Committee, Fleet Management Ad Hoc Committee, McInnis Marsh Ad Hoc Committee, San Francisco Bay Trail Ad Hoc Committee, Other Reports

4. ROBARDS

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

5. YEZMAN

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

6:05 PM

8. BOARD REQUESTS:

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

6:10 PM

9. VARIOUS INDUSTRY RELATED ARTICLES

6:20 PM

10. ADJOURNMENT

FUTURE BOARD MEETING DATES: NOVEMBER 21 AND DECEMBER 5, 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 November 4, 2024 at 4:00 pm I posted the Agenda for the Board Meeting of said Board to be held on November 7, 2024 at the District Office, located at 101 Lucas Valley Road, Suite 300, San Rafael, CA.

DATED: November 4, 2024



Teresa 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 sessions. 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 of 1990 (42 U.S.C. Sec. 12132), if you need special assistance to participate in this meeting, please contact the Board Secretary at 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 disability-related modifications or accommodations, including auxiliary aids or services, to help ensure accessibility to this meeting.**

AGENDA ITEM 1

11/7/2024

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.

11/7/2024

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 OCTOBER 17, 2024

THE BOARD OF DIRECTORS AND STAFF OF THE LAS GALLINAS VALLEY SANITARY DISTRICT MET IN OPEN SESSION AT 4:00 PM AT THE DISTRICT OFFICE, 101 LUCAS VALLEY ROAD, SUITE 300 CONFERENCE ROOM, SAN RAFAEL, CA. 94903

- BOARD MEMBERS PRESENT:** Megan Clark, Barry Nitzberg, Gary Robards and Crystal Yezman
- BOARD MEMBERS ABSENT:** Craig Murray
- STAFF PRESENT:** Curtis Paxton, General Manager; Teresa Lerch, Board Secretary; Dale McDonald, District Treasurer;
- OTHERS PRESENT:** Patrick Richardson, District Counsel;
- ANNOUNCEMENT:** Vice President Robards announced that the agenda had been posted as evidenced by the certification on file in accordance with the law.

1. PUBLIC COMMENT None

2. 101 LUCAS VALLEY ROAD OFFICE LEASE RENEWAL

Pursuant to Gov. Code Sec. 54956.8, the Board considered the appointment of Curtis Paxton, General Manager, as the District's negotiator regarding the lease of the properties at 101 Lucas Valley Road, Suite 300/301, San Rafael. The appointed negotiator will discuss the lease of said properties with Rathlin Properties LLC (Ciaran Scally).

ACTION:

Board approved (M/S Nitzberg/Yezman (4-0-1-0) the appointment of Curtis Paxton, General Manager, as the District's negotiator regarding the lease of the properties at 101 Lucas Valley Road, Suite 300/301, San Rafael.

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

CLOSED SESSION:

ACTION:

THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT ADJOURNED TO CLOSED SESSION ON OCTOBER 17, 2024, AT 4:03 P.M. AT THE DISTRICT OFFICE, 101 LUCAS VALLEY ROAD, SUITE 300, CONFERENCE ROOM, SAN RAFAEL, CALIFORNIA.

Lerch left the meeting at 4:03 pm.

3. CONFERENCE WITH REAL PROPERTY NEGOTIATORS – Pursuant to Government Code § 54954.5; Commercial Property (101 Lucas Valley Road, Suite 300/301) to be leased on an interim basis. Agency Negotiator: Curtis Paxton, General Manager for the Las Gallinas Valley Sanitary District. Negotiating parties: Rathlin Properties LLC (Ciaran Scally). Under negotiation: Board to provide instruction to Agency Negotiator concerning price and/or terms of payment.

ADJOURNMENT:

ACTION:

The Board of Directors of the Las Gallinas Valley Sanitary District reconvened the Regular Session on October 17, 2024 at 4:18 p.m.

BOARD MEMBERS PRESENT: Megan Clark, Barry Nitzberg, Gary Robards and Crystal Yezman

STAFF PRESENT: Curtis Paxton, General Manager, Teresa Lerch, Board Secretary; Dale McDonald, District Treasurer;

OTHERS PRESENT: Patrick Richardson, District Counsel;

PUBLIC COMMENT: None.

REPORT ON CLOSED SESSION: Vice President Robards 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 October 3, 2024
- B. Receive and Ratify the Check Warrant List
- C. Approve Board Compensation for September 2024
- D. Approve Clark attending the SDLF Leadership Academy in San Rafael on November 3-5, 2024
- E. Approve the Capital Facilities Charge Report
- F. Approve the Employee Relations Resolution 2024-2342 and the Personnel Policies and Procedures Revisions Resolution 2024-2343

Items B and F were pulled for discussion. It was noted that the Agenda Summary Report (ASR) for item 4F.1 was reviewed and the second bullet point of the ASR under Statement of Purpose was corrected to read:

“Second, while the District retains the right to contract and subcontract to ensure continued uninterrupted operations, it may be required to meet and confer with the employee union if the decision would directly impact an existing employee position within the bargaining unit, in accordance with the Meyers-Milias-Brown Act.”

ACTION:

Board approved (M/S Clark/Yezman (4-0-1-0) the Consent Calendar items A through F with a modification to item F - Resolution 2024-2342 to section 1.02C replacing “his or her” with “their” and a modification to Resolution 2024-2343 adding the following language:

“Whereas, the General Manager will inform the Board of any minor or compliance amendments to the District’s Personnel Policies and Procedures at the next Regular Board Meeting; and”

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

5. INFORMATION ITEMS:

STAFF / CONSULTANT REPORTS:

1. General Manager's Report – Paxton reported.
2. Winter Newsletter Topics – McDonald reported. Discussion ensued.

6. BOARD REPORTS

1. MURRAY - Absent
 - a. Marin LAFCO –no report
 - b. Flood Zone 6 – no report
 - c. CASA Energy Committee – no report
 - d. Biosolids Ad Hoc Committee – no report
 - e. Energy Ad Hoc Committee - no report
 - f. Development Ad Hoc Committee – no report
 - g. SF Bay Trail Ad Hoc Committee – no report
 - h. Other Reports- none
2. NITZBERG
 - a. Operation Control Centers Ad Hoc Committee – no report
 - b. Fleet Management Ad Hoc Committee – no report
 - c. McInnis Marsh Ad Hoc Committee – no report
 - d. SF Bay Trail Ad Hoc Committee – no report
 - e. Other Reports – reported on attending the Tiburon Marine Open House
3. CLARK
 - a. NBWA Board Committee – no report
 - b. Operation Control Centers Ad Hoc Committee – no report
 - c. Fleet Management Ad Hoc Committee – no report
 - d. FutureSense Ad Hoc Committee – no report
 - e. Energy Ad Hoc Committee – verbal report
 - f. CASA Workforce Committee – no report
 - g. Other Reports – reported on attending the CSDA Board Role in Finance workshop
4. ROBARDS
 - a. Gallinas Watershed Council/Miller Creek – verbal report
 - b. NBWRA – no report
 - c. STPURWE Engineering Ad Hoc Committee –no report
 - d. McInnis Marsh Ad Hoc Committee – no report
 - e. Development Ad Hoc Committee – no report
 - f. FutureSense Ad Hoc Committee – no report
 - g. Other Reports – reported on a new trail in Terra Linda
5. 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 – none
- B. Board Agenda Item Requests – none

8. VARIOUS INDUSTRY ARTICLES

Discussion ensued.

9. ADJOURNMENT:

ACTION:

The board approved (Yezman/Nitzberg 4-0-1-0) the adjournment of the meeting at 5:40 p.m.

AYES: Clark, Nitzberg, Robards and Yezman

NOES: None.

ABSENT: Murray.

ABSTAIN: None.

The next Board Meeting is scheduled for November 7, 2024 4:00 PM at the District office.

ATTEST:

Teresa Lerch, Board Secretary

APPROVED:

Gary E. Robards, Vice-President

Agenda Item 3B
 Date November 7, 2024

Las Gallinas Valley Sanitary District

Check Register - Warrant List
 Check Issue Dates: 9/6/2024 - 10/24/2024

Page: 1

Oct 24, 2024 02:05PM

Report Criteria:

Report type: GL detail

Check Detail.Input date = 10/23/2024,10/24/2024

| GL Period | Check Issue Date | Invoice Number | Description | Invoice GL Account | Invoice Amount | Amount | |
|--|------------------|----------------|---|--------------------|----------------|-----------|---|
| ADP Inc | | | | | | | |
| 20241018 | | | | | | | |
| 10/24 | 10/18/2024 | 672976346 | Payroll processing fees Comprehensive Services Bundle | 10-400-5303 | 2,098.55 | 2,098.55 | M |
| 202410181 | | | | | | | |
| 10/24 | 10/18/2024 | 672976143 | Payroll processing fees Comprehensive Services Bundle ezLabor | 10-400-5303 | 71.80 | 71.80 | M |
| Total ADP Inc: | | | | | | 2,170.35 | |
| Applied Industrial Technologies | | | | | | | |
| 21343 | | | | | | | |
| 10/24 | 10/24/2024 | 7030707577 | Two Sprockets for Bio-Wheels | 10-600-5319 | 6,031.24 | 6,031.24 | |
| Total Applied Industrial Technologies: | | | | | | 6,031.24 | |
| Aqua Engineering Inc | | | | | | | |
| 21344 | | | | | | | |
| 10/24 | 10/24/2024 | 28756 | Standby Generator at Treatment Plant Project Phase 023 | 10-929-5601 | 1,238.75 | 1,238.75 | |
| Total Aqua Engineering Inc: | | | | | | 1,238.75 | |
| ArcSine Engineering | | | | | | | |
| 21345 | | | | | | | |
| 10/24 | 10/24/2024 | 15889 | SCADA Engineering Support Recycled Water | 60-620-5345 | 10,620.36 | 10,620.36 | |
| 10/24 | 10/24/2024 | 15889 | SCADA Engineering Support Plant | 10-600-5345 | 10,620.36 | 10,620.36 | |
| 10/24 | 10/24/2024 | 15889 | SCADA Engineering Support Pump Stations | 10-500-5345 | 10,620.37 | 10,620.37 | |
| 10/24 | 10/24/2024 | 15889 | SCADA Cybersecurity Recycled Water | 60-620-5345 | 3,451.27 | 3,451.27 | |
| 10/24 | 10/24/2024 | 15889 | SCADA Cybersecurity Pump Stations | 10-500-5345 | 3,451.27 | 3,451.27 | |
| 10/24 | 10/24/2024 | 15889 | SCADA Cybersecurity Plant | 10-600-5345 | 3,451.26 | 3,451.26 | |
| 10/24 | 10/24/2024 | 15889 | SCADA Server Improvement - Server Upgrade Plant | 10-928-5601 | 5,268.00 | 5,268.00 | |
| 10/24 | 10/24/2024 | 15889 | SCADA Integration for Pump Stations | 10-801-5601 | 1,785.60 | 1,785.60 | |
| 10/24 | 10/24/2024 | 15908 | SCADA Engineering Support Recycled Water | 60-620-5345 | 1,656.40 | 1,656.40 | |
| 10/24 | 10/24/2024 | 15908 | SCADA Engineering Support Plant | 10-600-5345 | 1,656.40 | 1,656.40 | |
| 10/24 | 10/24/2024 | 15908 | SCADA Engineering Support Pump Stations | 10-500-5345 | 1,656.39 | 1,656.39 | |
| 10/24 | 10/24/2024 | 15908 | SCADA Cybersecurity Plant | 10-600-5345 | 3,245.24 | 3,245.24 | |
| 10/24 | 10/24/2024 | 15908 | SCADA Cybersecurity Pump Stations | 10-500-5345 | 3,245.24 | 3,245.24 | |
| 10/24 | 10/24/2024 | 15908 | SCADA Cybersecurity Recycled Water | 60-620-5345 | 3,245.23 | 3,245.23 | |
| 10/24 | 10/24/2024 | 15908 | SCADA Server Improvement - Server Upgrade Plant | 10-928-5601 | 20,189.40 | 20,189.40 | |
| Total ArcSine Engineering: | | | | | | 84,162.79 | |
| B.W.S. Distributors, Inc. | | | | | | | |
| 21346 | | | | | | | |
| 10/24 | 10/24/2024 | 294695 | Miscellaneous supplies | 10-600-5315 | 642.46 | 642.46 | |
| Total B.W.S. Distributors, Inc.: | | | | | | 642.46 | |
| Bank of Marin | | | | | | | |
| 20241010 | | | | | | | |
| 10/24 | 10/10/2024 | OCTOBER 202 | Recycled Water Loan Payment- Interest Oct 24 | 10-699-5524 | 6,367.61 | 6,367.61 | M |
| 10/24 | 10/10/2024 | OCTOBER 202 | Recycled Water Loan Payment- Principal Oct 24 | 10-699-5514 | 21,355.84 | 21,355.84 | M |
| Total Bank of Marin: | | | | | | 27,723.45 | |

M = Manual Check, V = Void Check

| GL Period | Check Issue Date | Invoice Number | Description | Invoice GL Account | Invoice Amount | Amount | |
|--|------------------|----------------|--|--------------------|----------------|----------|---|
| Bank of Marin Cardmember Services | | | | | | | |
| 20240930 | | | | | | | |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Supplies for 101 LVR and for Board mtgs - AMATORI,P | 10-440-5221 | 40.26 | 40.26 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Disinfecting Wipes - GILL,CHRISTOPHER J | 10-460-5221 | 14.18 | 14.18 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | P.A. Bacteria for Micro QA/QC - GOLSHANI,SAHAR | 10-560-5284 | 389.63 | 389.63 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Calif Water Environment Assn Regular Job Listing -HUNT,B | 10-400-5331 | 335.00 | 335.00 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Single job package recruitment - HUNT,BRANDON G | 10-400-5331 | 200.00 | 200.00 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Single job package recruitment - HUNT,BRANDON G | 10-400-5331 | 200.00 | 200.00 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Internet services for 101 LVR - HUNT,BRANDON G | 10-400-5421 | 620.99 | 620.99 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Clipboards and sharpies for 300 SRR - AMATORI,PAM | 10-400-5221 | 52.63 | 52.63 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Gloves small size - GOLSHANI,SAHAR | 10-560-5284 | 360.31 | 360.31 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | For coliform test positive comparator - GOLSHANI,SAHAR | 10-560-5284 | 48.16 | 48.16 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Alcohol wipes and Swan 70 isopropyl alcohol GOLSHANI,SAHAR | 10-560-5221 | 114.04 | 114.04 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Alcohol wipes and Swan 70 isopropyl alcohol GOLSHANI,SAHAR | 10-600-5221 | 114.04 | 114.04 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Wireless Carplay adapter for GM vehicle - PAXTON,CURTIS D | 10-400-5221 | 38.22 | 38.22 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Coliform samples for ongoing DOC performance - GOLSHANI,S | 10-560-5284 | 320.17 | 320.17 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Coliform samples for ongoing DOC performance - GOLSHANI,S | 10-600-5284 | 640.34 | 640.34 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Zoom subscription - LERCH,TERESA | 10-400-5362 | 55.99 | 55.99 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Shipping for Washer repair - MOORE,DONALD E | 10-600-5315 | 399.09 | 399.09 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Registration 2024 Innovative Technology Seminar - PAXTON,C | 10-400-5465 | 225.00 | 225.00 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Makita 18V Vacuum - FRANKLIN,WILLIAM C | 10-460-5222 | 140.93 | 140.93 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Sample bottles - GOLSHANI,SAHAR | 10-560-5284 | 547.67 | 547.67 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Tape for autoclave (indication tape) - GOLSHANI,SAHAR | 10-560-5284 | 51.90 | 51.90 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | For odor control during media sterilization - GOLSHANI,SAHAR | 10-560-5284 | 257.29 | 257.29 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Software User Feed - HUANG,YI YING | 10-420-5362 | 119.88 | 119.88 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Usage Charges Microsoft Azure Standard Networking - HUNT,B | 10-400-5362 | .58 | .58 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Annual software - MOORE,DONALD E | 10-600-5362 | 239.88 | 239.88 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Answering Service - HUNT,BRANDON G | 10-400-5421 | 45.31 | 45.31 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Dell Optical LVR Desktop spare desk - MCDONALD,DALE | 10-400-5221 | 1,035.46 | 1,035.46 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Monthly unlimited car wash subscription GM vehicle -PAXTON,C | 10-400-5310 | 40.00 | 40.00 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Water Service 300 SRR - HUNT,BRANDON G | 10-400-5221 | 139.91 | 139.91 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Water Service 101 LVR - HUNT,BRANDON G | 10-400-5221 | 91.94 | 91.94 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Desiccants for sec clar eff flow meter cabinet - MOORE,D | 10-600-5315 | 17.47 | 17.47 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Digester air sampl.,testing,BERS siloxane Stg2 &3 -GOLSHANI | 10-600-5339 | 535.00 | 535.00 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Annual software - MCDONALD,DALE | 10-400-5362 | 540.00 | 540.00 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Food for Board Meeting - LERCH,TERESA | 10-440-5223 | 215.80 | 215.80 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | 27" Monitor LVR - MCDONALD,DALE | 10-400-5221 | 148.38 | 148.38 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Membership Wine Country Water Works Association - MOORE,D | 10-600-5461 | 35.00 | 35.00 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Food for the safety meeting - AMATORI,PAM | 10-400-5243 | 244.15 | 244.15 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | TSA for Bacti Room air quality testing - GOLSHANI,SAHAR | 10-560-5284 | 32.33 | 32.33 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Ice for safety lunch - PEASE,GREG | 10-460-5211 | 26.18 | 26.18 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Ice chest for district - PEASE,GREG | 10-460-5211 | 136.55 | 136.55 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Food for 300 SRR and safety meeting - AMATORI,PAM | 10-400-5221 | 23.27 | 23.27 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Coffee for 300 SRR and 101 LVR - AMATORI,PAM | 10-400-5221 | 156.65 | 156.65 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Zoom subscription changed to annual billing - LERCH,TERESA | 10-400-5362 | 167.39 | 167.39 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Stamper Seal Impression Inker -Notary at 101 LVR - AMATORI | 10-400-5221 | 27.40 | 27.40 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Food for Mel's meeting - AMATORI,PAM | 10-400-5223 | 25.96 | 25.96 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Reagents for NH3, NO3, NO2 testing - GOLSHANI,SAHAR | 10-560-5284 | 837.58 | 837.58 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Sample from aeration basins sent to EBS lab - GOLSHANI,SAHAR | 10-600-5221 | 249.28 | 249.28 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Tape for label maker - GOLSHANI,SAHAR | 10-560-5221 | 30.28 | 30.28 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Payment for G.D. Nielson's check sent priority mail - HUNT,B | 10-400-5221 | 9.85 | 9.85 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Parts for Weer washer install - MOORE,DONALD E | 10-600-5315 | 17.20 | 17.20 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Meeting DeGabriele / Paxton - PAXTON,CURTIS D | 10-400-5223 | 63.17 | 63.17 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Food for training with Future Sense - AMATORI,PAM | 10-400-5223 | 20.98 | 20.98 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Food for training with Future Sense - AMATORI,PAM | 10-400-5223 | 108.92 | 108.92 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Truck maintenance service - GILL,CHRISTOPHER J | 10-460-5310 | 407.79 | 407.79 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Acrobat Pro - GOLSHANI,SAHAR | 10-560-5221 | 19.99 | 19.99 | M |

M = Manual Check, V = Void Check

| GL Period | Check Issue Date | Invoice Number | Description | Invoice GL Account | Invoice Amount | Amount | |
|---|------------------|----------------|--|--------------------|----------------|-----------|---|
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Licensing Fees - HUNT,BRANDON G | 10-400-5362 | 16.00 | 16.00 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Licensing Fees - HUNT,BRANDON G | 10-400-5362 | 2.00 | 2.00 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Transportation Bridge Tolls - HUNT,BRANDON G | 10-400-5467 | 50.00 | 50.00 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Office creamer - LERCH,TERESA | 10-400-5221 | 11.18 | 11.18 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Fleet management software subscription - PEASE,GREG | 10-460-5362 | 203.65 | 203.65 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Pump Tubing for composite samplers - GOLSHANI,SAHAR | 10-560-5284 | 620.75 | 620.75 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Sahar laptop - MCDONALD,DALE | 10-560-5221 | 875.39 | 875.39 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Credit for disputed transaction - PEASE,GREG | 10-400-9999 | 31.42- | 31.42- | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Supplies for 101 LVR and for 300 SRR - AMATORI,PAM | 10-400-5221 | 79.74 | 79.74 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Paid to ELAP for method update application - GOLSHANI,S | 10-560-5455 | 27.50 | 27.50 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Paid to ELAP for method update application - GOLSHANI,S | 10-560-5455 | 1,000.00 | 1,000.00 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | TSB for Bacti testing QC check - GOLSHANI,SAHAR | 10-560-5284 | 95.32 | 95.32 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Water Service 300 SRR - HUNT,BRANDON G | 10-400-5221 | 131.45 | 131.45 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Water Service 101 LVR - HUNT,BRANDON G | 10-400-5221 | 91.94 | 91.94 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Internet Services for Hawthorne Way Pump Station - HUNT,B | 10-400-5421 | 269.81 | 269.81 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Binders - LERCH,TERESA | 10-400-5221 | 33.96 | 33.96 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Cancelled regist. for WateReuse Conference -M Clark -LERCH,T | 10-440-5465 | 500.00- | 500.00- | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Dell OptiPlex 7020 - MCDONALD,DALE | 10-560-5221 | 811.08 | 811.08 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Lab 27" Monitor - MCDONALD,DALE | 10-560-5221 | 143.38 | 143.38 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Supplies for 300 SRR - AMATORI,PAM | 10-400-5221 | 128.79 | 128.79 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Replacement Bauer piping O-rings - CAMPBELL,CHRIS | 10-600-5317 | 355.04 | 355.04 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Shipping for Weer washer repair - MOORE,DONALD E | 10-600-5315 | 177.80 | 177.80 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Meeting Nitzberg / Paxton PAXTON,CURTIS D | 10-400-5223 | 52.41 | 52.41 | M |
| 09/24 | 09/30/2024 | CC -9-4-24 Aug | Building maintenance supplies - PEASE,GREG | 10-460-5311 | 319.32 | 319.32 | M |
| 202409301 | | | | | | | |
| 09/24 | 09/30/2024 | CC 9-4-24 Sept | For Irene's going away baby shower - AMATORI,PAM | 10-400-5221 | 78.31 | 78.31 | M |
| 09/24 | 09/30/2024 | CC 9-4-24 Sept | Registration Fee Workshop Subrecipient Monitoring - BERAN,A | 10-400-5469 | 255.00 | 255.00 | M |
| 09/24 | 09/30/2024 | CC 9-4-24 Sept | Sensor cap replacement for BOD probes - GOLSHANI,SAHAR | 10-560-5284 | 497.30 | 497.30 | M |
| 09/24 | 09/30/2024 | CC 9-4-24 Sept | EZ DPD Dispenser for Chlorine check - GOLSHANI,SAHAR | 10-560-5284 | 78.04 | 78.04 | M |
| 09/24 | 09/30/2024 | CC 9-4-24 Sept | Entity Registration Renewal for SAM.gov - MCDONALD,DALE | 10-400-5339 | 549.00 | 549.00 | M |
| 09/24 | 09/30/2024 | CC 9-4-24 Sept | Advanced management/leadership training program - MOORE,D | 10-600-5469 | 549.00 | 549.00 | M |
| 09/24 | 09/30/2024 | CC 9-4-24 Sept | Miscellaneous Adjustment per bank 9/?? | 10-400-9999 | 111.00- | 111.00- | M |
| 09/24 | 09/30/2024 | CC 9-4-24 Sept | Test strip for Chlorine check - GOLSHANI,SAHAR | 10-560-5284 | 81.29 | 81.29 | M |
| Total Bank of Marin Cardmember Services: | | | | | | 17,917.40 | |
| Blocka Construction, Inc. | | | | | | | |
| 30000781 | | | | | | | |
| 10/24 | 10/24/2024 | PAYMENT 7 | Digester MCC-2 Upgrade | 10-747-5601 | 13,889.00 | 13,889.00 | |
| Total Blocka Construction, Inc.: | | | | | | 13,889.00 | |
| California Newspapers Partnership | | | | | | | |
| 30000782 | | | | | | | |
| 10/24 | 10/24/2024 | 423658-0930 | Informal Bid Invites | 10-420-5433 | 604.20 | 604.20 | |
| 10/24 | 10/24/2024 | 423658-0930 | Proposal Invite | 10-420-5433 | 669.80 | 669.80 | |
| Total California Newspapers Partnership: | | | | | | 1,274.00 | |
| California Water Environment Association | | | | | | | |
| 21347 | | | | | | | |
| 10/24 | 10/24/2024 | N.ROGERS | CWEA Membership Grade 2 - N. Rogers | 10-600-5461 | 111.00 | 111.00 | |
| 10/24 | 10/24/2024 | N.ROGERS | CWEA Membership Grade 2 - N. Rogers | 10-600-5461 | 111.00- | 111.00- | V |
| Total California Water Environment Association: | | | | | | .00 | |

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| GL Period | Check Issue Date | Invoice Number | Description | Invoice GL Account | Invoice Amount | Amount | |
|---------------------------------------|------------------|----------------|--|--------------------|----------------|-----------|---|
| CalPERS 457 Plan Deferred Comp | | | | | | | |
| 20241017 | | | | | | | |
| 10/24 | 10/17/2024 | 457 10.18 | 457 Deferred Comp Paydate 10.18 | 10-000-2127 | 11,130.34 | 11,130.34 | M |
| 202410171 | | | | | | | |
| 10/24 | 10/17/2024 | 457 10.4 | 457 Deferred Comp Paydate 10.4 | 10-000-2127 | 11,130.34 | 11,130.34 | M |
| Total CalPERS 457 Plan Deferred Comp: | | | | | | 22,260.68 | |
| CALPERS Health | | | | | | | |
| 202410172 | | | | | | | |
| 10/24 | 10/17/2024 | NOVEMBER 2 | Health Premium - Active - Admin | 10-400-5110 | 12,636.67 | 12,636.67 | M |
| 10/24 | 10/17/2024 | NOVEMBER 2 | Health Premium - Active - Engineering | 10-420-5110 | 6,332.75 | 6,332.75 | M |
| 10/24 | 10/17/2024 | NOVEMBER 2 | Health Premium - Active - Collections | 10-460-5110 | 13,074.06 | 13,074.06 | M |
| 10/24 | 10/17/2024 | NOVEMBER 2 | Health Premium - Active - Maintenance | 10-480-5110 | 2,635.87 | 2,635.87 | M |
| 10/24 | 10/17/2024 | NOVEMBER 2 | Health Premium - Active - Lab | 10-560-5110 | 2,335.68 | 2,335.68 | M |
| 10/24 | 10/17/2024 | NOVEMBER 2 | Health Premium - Active - Plant | 10-600-5110 | 16,608.31 | 16,608.31 | M |
| 10/24 | 10/17/2024 | NOVEMBER 2 | Health Premium - Retired - Employer Share - Administration | 10-400-5111 | 1,099.00 | 1,099.00 | M |
| 10/24 | 10/17/2024 | NOVEMBER 2 | Health Premium - Retired - Employer Share - Collections | 10-460-5111 | 157.00 | 157.00 | M |
| 10/24 | 10/17/2024 | NOVEMBER 2 | Health Premium - Retired - Employer Share - Plant | 10-600-5111 | 1,413.00 | 1,413.00 | M |
| 10/24 | 10/17/2024 | NOVEMBER 2 | Admin Fee - Active | 10-400-5110 | 128.70 | 128.70 | M |
| 10/24 | 10/17/2024 | NOVEMBER 2 | Admin Fee - Retired | 10-400-5111 | 24.23 | 24.23 | M |
| Total CALPERS Health: | | | | | | 56,445.27 | |
| CALPERS Retirement | | | | | | | |
| 202409064 | | | | | | | |
| 09/24 | 09/06/2024 | 7.26 PAYDATE | EE & ER Retirement- Administration | 10-400-5120 | .07 | .07 | M |
| 202410173 | | | | | | | |
| 10/24 | 10/17/2024 | 10.18 PAYDAT | EE & ER Retirement- Administration | 10-400-5120 | 5,737.06 | 5,737.06 | M |
| 10/24 | 10/17/2024 | 10.18 PAYDAT | EE & ER Retirement- Engineering | 10-420-5120 | 3,681.79 | 3,681.79 | M |
| 10/24 | 10/17/2024 | 10.18 PAYDAT | EE & ER Retirement- Collections | 10-460-5120 | 8,067.05 | 8,067.05 | M |
| 10/24 | 10/17/2024 | 10.18 PAYDAT | EE & ER Retirement- Maintenance | 10-480-5120 | 1,365.44 | 1,365.44 | M |
| 10/24 | 10/17/2024 | 10.18 PAYDAT | EE & ER Retirement- Laboratory | 10-560-5120 | 1,691.78 | 1,691.78 | M |
| 10/24 | 10/17/2024 | 10.18 PAYDAT | EE & ER Retirement- Plant | 10-600-5120 | 10,560.45 | 10,560.45 | M |
| 202410174 | | | | | | | |
| 10/24 | 10/17/2024 | 10.4 PAYDATE | EE & ER Retirement- Administration | 10-400-5120 | 682.13 | 682.13 | M |
| 10/24 | 10/17/2024 | 10.4 PAYDATE | EE & ER Retirement- Engineering | 10-420-5120 | 35.17 | 35.17 | M |
| 202410175 | | | | | | | |
| 10/24 | 10/17/2024 | 9.20 PAYDATE | EE & ER Retirement- Engineering | 10-420-5120 | 26.79 | 26.79 | M |
| 202410176 | | | | | | | |
| 10/24 | 10/17/2024 | 9.6 PAYDATE | EE & ER Retirement- Engineering | 10-420-5120 | 26.79 | 26.79 | M |
| 202410177 | | | | | | | |
| 10/24 | 10/17/2024 | 8.23 PAYDATE | EE & ER Retirement- Engineering | 10-420-5120 | 26.79 | 26.79 | M |
| Total CALPERS Retirement: | | | | | | 31,901.31 | |
| Caltest Analytical Laboratory | | | | | | | |
| 30000783 | | | | | | | |
| 10/24 | 10/24/2024 | 723583 | Outside Lab Testing | 10-560-5329 | 5,117.65 | 5,117.65 | |
| Total Caltest Analytical Laboratory: | | | | | | 5,117.65 | |
| Campbell, Christopher | | | | | | | |
| 30000784 | | | | | | | |
| 10/24 | 10/24/2024 | WEFTEC 2024 | WEFTEC 2024 Reimbursement | 10-600-5465 | 360.60 | 360.60 | |

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| GL Period | Check Issue Date | Invoice Number | Description | Invoice GL Account | Invoice Amount | Amount |
|--|------------------|----------------|---|--------------------|----------------|-----------|
| Total Campbell, Christopher: | | | | | | 360.60 |
| Caselle Inc | | | | | | |
| 21348 | | | | | | |
| 10/24 | 10/24/2024 | 136285 | Support & Maintenance Nov 2024 | 10-400-5363 | 1,918.00 | 1,918.00 |
| Total Caselle Inc: | | | | | | 1,918.00 |
| CATS4U | | | | | | |
| 30000785 | | | | | | |
| 10/24 | 10/24/2024 | PP #4 | Secondary Effluent Line Modifications | 10-936-5601 | 50,581.08 | 50,581.08 |
| Total CATS4U: | | | | | | 50,581.08 |
| Centricity GIS | | | | | | |
| 21349 | | | | | | |
| 10/24 | 10/24/2024 | 1625 | Cityworks Phase 2 Ad-Hoc Post Go Live support | 10-904-5601 | 2,000.00 | 2,000.00 |
| Total Centricity GIS: | | | | | | 2,000.00 |
| Cintas Corporation | | | | | | |
| 21350 | | | | | | |
| 10/24 | 10/24/2024 | 4207387923 | Laundry Service for week of 10.06.24 | 10-600-5334 | 403.80 | 403.80 |
| 10/24 | 10/24/2024 | 4207387923 | Laundry Service for week of 10.06.24 | 10-460-5334 | 403.80 | 403.80 |
| Total Cintas Corporation: | | | | | | 807.60 |
| Cintas Corporation 2 | | | | | | |
| 21351 | | | | | | |
| 10/24 | 10/24/2024 | 5227141205 | First Aid Kit Refill - Taxes | 10-460-5243 | 33.50 | 33.50 |
| Total Cintas Corporation 2: | | | | | | 33.50 |
| Clark, Abraham | | | | | | |
| 30000786 | | | | | | |
| 10/24 | 10/24/2024 | MECH TECH 1 | Mech Tech 1 Exam Fee Reimbursement | 10-600-5461 | 192.00 | 192.00 |
| Total Clark, Abraham: | | | | | | 192.00 |
| Core Utilities, Inc. | | | | | | |
| 30000787 | | | | | | |
| 10/24 | 10/24/2024 | 42860 | IT Services - Administration - Sept 24 | 10-400-5361 | 497.50 | 497.50 |
| 10/24 | 10/24/2024 | 42860 | IT Services FY - Engineering - Sept 24 | 10-420-5361 | 37.50 | 37.50 |
| 10/24 | 10/24/2024 | 42860 | IT Services - Maintenance - Sept 24 | 10-480-5361 | 1,150.00 | 1,150.00 |
| 10/24 | 10/24/2024 | 42860 | IT Services - Laboratory - Sept 24 | 10-560-5361 | 5,725.20 | 5,725.20 |
| 10/24 | 10/24/2024 | 42860 | IT Services - Plant - Sept 24 | 10-600-5361 | 200.00 | 200.00 |
| 10/24 | 10/24/2024 | 42860 | Server Replacements FY 24.25 | 10-749-5601 | 210.00 | 210.00 |
| Total Core Utilities, Inc.: | | | | | | 7,820.20 |
| Dash Mechanical Engineering LLC | | | | | | |
| 21352 | | | | | | |
| 10/24 | 10/24/2024 | 2265 | Two Gear Motors for Bio-Wheels | 10-600-5319 | 48,075.16 | 48,075.16 |
| 10/24 | 10/24/2024 | 2265 | Freight and Tax for Bio-Wheels Gear Motors | 10-600-5319 | 5,845.48 | 5,845.48 |

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| GL Period | Check Issue Date | Invoice Number | Description | Invoice GL Account | Invoice Amount | Amount | |
|---|------------------|----------------|--|--------------------|----------------|-----------|---|
| Total Dash Mechanical Engineering LLC: | | | | | | 53,920.64 | |
| Direct Dental Administrators LLC | | | | | | | |
| 202410101 | | | | | | | |
| 10/24 | 10/10/2024 | 202409250000 | Admin Fees - Admin | 10-400-5117 | 56.00 | 56.00 | M |
| 10/24 | 10/10/2024 | 202409250000 | Admin Fees - Engineering | 10-420-5117 | 26.00 | 26.00 | M |
| 10/24 | 10/10/2024 | 202409250000 | Admin Fees - Collections | 10-460-5117 | 65.00 | 65.00 | M |
| 10/24 | 10/10/2024 | 202409250000 | Admin Fees - Maintenance | 10-480-5117 | 18.00 | 18.00 | M |
| 10/24 | 10/10/2024 | 202409250000 | Admin Fees - Lab | 10-560-5117 | 16.00 | 16.00 | M |
| 10/24 | 10/10/2024 | 202409250000 | Admin Fees - Plant | 10-600-5117 | 80.00 | 80.00 | M |
| 202410178 | | | | | | | |
| 10/24 | 10/17/2024 | D20241018-28 | Dental Payment - Engineering | 10-420-5117 | 915.59 | 915.59 | M |
| 10/24 | 10/17/2024 | D20241018-28 | Dental Payment - Lab | 10-560-5117 | 96.66 | 96.66 | M |
| 10/24 | 10/17/2024 | D20241018-28 | Dental Payment - Admin | 10-400-5117 | 145.66 | 145.66 | M |
| Total Direct Dental Administrators LLC: | | | | | | 1,418.91 | |
| Hach Company | | | | | | | |
| 30000788 | | | | | | | |
| 10/24 | 10/24/2024 | 14221759 | Mics. Supplies | 10-600-5315 | 59.64 | 59.64 | |
| Total Hach Company: | | | | | | 59.64 | |
| Harrington Industrial Plastics LLC | | | | | | | |
| 30000789 | | | | | | | |
| 10/24 | 10/24/2024 | 006O5561 | Valve Ball | 10-600-5317 | 74.87 | 74.87 | |
| Total Harrington Industrial Plastics LLC: | | | | | | 74.87 | |
| Jefferson Security Systems | | | | | | | |
| 21353 | | | | | | | |
| 10/24 | 10/24/2024 | R25569 | Alarm Service Oct - Dec 2024 | 10-480-5311 | 270.00 | 270.00 | |
| Total Jefferson Security Systems: | | | | | | 270.00 | |
| Konecranes Inc | | | | | | | |
| 30000790 | | | | | | | |
| 10/24 | 10/24/2024 | 155085211 | 2024-25 CAL OSHA Periodic Inspection Program - 300 Smith Ranch | 10-480-5315 | 1,050.00 | 1,050.00 | |
| 10/24 | 10/24/2024 | 155085214 | 2024-25 CAL OSHA Periodic Inspection Program - 4238 Redwood H | 10-480-5315 | 700.00 | 700.00 | |
| Total Konecranes Inc: | | | | | | 1,750.00 | |
| Lingo Telecom Inc | | | | | | | |
| 21354 | | | | | | | |
| 10/24 | 10/24/2024 | 51343317 | Trunk Lines - 101 LVR | 10-400-5423 | 349.38 | 349.38 | |
| Total Lingo Telecom Inc: | | | | | | 349.38 | |
| Marin Sonoma Mosquito & Vector Control | | | | | | | |
| 21355 | | | | | | | |
| 10/24 | 10/24/2024 | 1695 | Mosquito Control @ Ponds | 10-500-5312 | 567.30 | 567.30 | |
| 10/24 | 10/24/2024 | 1704 | Mosquito Control @ Ponds | 10-580-5312 | 2,041.12 | 2,041.12 | |
| Total Marin Sonoma Mosquito & Vector Control: | | | | | | 2,608.42 | |

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| GL Period | Check Issue Date | Invoice Number | Description | Invoice GL Account | Invoice Amount | Amount |
|--|------------------|----------------|---|--------------------|----------------|-----------|
| Mathews Mechanical | | | | | | |
| 21356 | | | | | | |
| 10/24 | 10/24/2024 | 5400 | Installation of One Water Technologies Flo-Clip Baffle System | 10-935-5601 | 25,885.13 | 25,885.13 |
| Total Mathews Mechanical: | | | | | | 25,885.13 |
| McDonald, Dale | | | | | | |
| 30000791 | | | | | | |
| 10/24 | 10/24/2024 | CASELLE CON | Caselle Conference Reimbursement 2024 | 10-400-5465 | 128.96 | 128.96 |
| Total McDonald, Dale: | | | | | | 128.96 |
| Motion Industries Inc. | | | | | | |
| 21357 | | | | | | |
| 10/24 | 10/24/2024 | CA38-0082794 | Hose Assembly | 10-600-5315 | 1,338.51 | 1,338.51 |
| Total Motion Industries Inc.: | | | | | | 1,338.51 |
| Murray, Craig | | | | | | |
| 30000792 | | | | | | |
| 10/24 | 10/24/2024 | OCT 24 HEALT | Health Reimbursement Oct 24 | 10-440-5115 | 125.00 | 125.00 |
| Total Murray, Craig: | | | | | | 125.00 |
| Nitzberg, Barry | | | | | | |
| 30000793 | | | | | | |
| 10/24 | 10/24/2024 | CSDA CONFE | CSDA Annual Conference 2024 - Travel Reimbursement | 10-440-5467 | 471.21 | 471.21 |
| 10/24 | 10/24/2024 | CSDA CONFE | CSDA Annual Conference 2024 - Conference Reimbursement | 10-440-5465 | 1,017.79 | 1,017.79 |
| 10/24 | 10/24/2024 | OCT 24 HEALT | Health Reimbursement Oct 24 | 10-440-5115 | 200.00 | 200.00 |
| Total Nitzberg, Barry: | | | | | | 1,689.00 |
| Operating Engineers Local No 3 | | | | | | |
| 21358 | | | | | | |
| 10/24 | 10/24/2024 | 10-2024-2 | Union Dues 10.4.2024 Paydate | 10-000-2129 | 764.40 | 764.40 |
| 10/24 | 10/24/2024 | 10-2024-01 | Union Dues 10.18.24 Paydate | 10-000-2129 | 764.40 | 764.40 |
| Total Operating Engineers Local No 3: | | | | | | 1,528.80 |
| Orion Protection Services Group Inc | | | | | | |
| 30000794 | | | | | | |
| 10/24 | 10/24/2024 | 13869 | Nightly Patrol- Smith Ranch Nov 24 | 10-600-5337 | 379.94 | 379.94 |
| Total Orion Protection Services Group Inc: | | | | | | 379.94 |
| Pacific Gas & Electric - 0580531718-6 | | | | | | |
| 21359 | | | | | | |
| 10/24 | 10/24/2024 | 8-26-2024 TO | Electricity @ Plant | 10-600-5425 | 61,188.79 | 61,188.79 |
| Total Pacific Gas & Electric - 0580531718-6: | | | | | | 61,188.79 |
| Pacific Gas & Electric - 1991349158-5 | | | | | | |
| 21360 | | | | | | |
| 10/24 | 10/24/2024 | 8-16-2024 TO | Gas and Electric for Pump stations | 10-500-5425 | 16,112.82 | 16,112.82 |
| Total Pacific Gas & Electric - 1991349158-5: | | | | | | 16,112.82 |

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| GL Period | Check Issue Date | Invoice Number | Description | Invoice GL Account | Invoice Amount | Amount |
|---|------------------|----------------|---|--------------------|----------------|----------|
| Pacific Gas & Electric CDX7397590484 | | | | | | |
| 21361 | | | | | | |
| 10/24 | 10/24/2024 | 8-26-2024 TO | Electricity @ Reclamation 08.26.24-09.24.24 | 10-580-5425 | 3,666.29 | 3,666.29 |
| Total Pacific Gas & Electric CDX7397590484: | | | | | | 3,666.29 |
| Platt Electric Supply | | | | | | |
| 21362 | | | | | | |
| 10/24 | 10/24/2024 | 5P15380 | Electrical Supplies | 10-480-5315 | 82.60 | 82.60 |
| 10/24 | 10/24/2024 | 5O40118 | Misc. Supplies | 10-600-5317 | 54.70 | 54.70 |
| 10/24 | 10/24/2024 | 5P35731 | Electrical Supplies | 10-480-5315 | 797.01 | 797.01 |
| 10/24 | 10/24/2024 | 5P53581 | Electrical Supplies | 10-480-5315 | 176.83 | 176.83 |
| Total Platt Electric Supply: | | | | | | 1,111.14 |
| Rathlin Properties LLC | | | | | | |
| 30000795 | | | | | | |
| 10/24 | 10/24/2024 | NOVEMBER 2 | Monthly Rent- November 24 | 10-400-5451 | 9,574.00 | 9,574.00 |
| Total Rathlin Properties LLC: | | | | | | 9,574.00 |
| Retiree Augusto | | | | | | |
| 30000796 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-600-5111 | 184.72 | 184.72 |
| Total Retiree Augusto: | | | | | | 184.72 |
| Retiree Burgess | | | | | | |
| 30000797 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-600-5111 | 167.79 | 167.79 |
| Total Retiree Burgess: | | | | | | 167.79 |
| Retiree Cummins | | | | | | |
| 30000798 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement- NOV 24 | 10-400-5111 | 167.79 | 167.79 |
| Total Retiree Cummins: | | | | | | 167.79 |
| Retiree Cutri | | | | | | |
| 30000799 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-600-5111 | 526.44 | 526.44 |
| Total Retiree Cutri: | | | | | | 526.44 |
| Retiree Emanuel | | | | | | |
| 30000800 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-400-5111 | 291.15 | 291.15 |
| Total Retiree Emanuel: | | | | | | 291.15 |
| Retiree Gately | | | | | | |
| 30000801 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-400-5111 | 291.15 | 291.15 |
| Total Retiree Gately: | | | | | | 291.15 |

M = Manual Check, V = Void Check

| GL Period | Check Issue Date | Invoice Number | Description | Invoice GL Account | Invoice Amount | Amount |
|--------------------------|------------------|----------------|--------------------------------------|--------------------|----------------|--------|
| Retiree Guion | | | | | | |
| 30000802 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-600-5111 | 291.15 | 291.15 |
| Total Retiree Guion: | | | | | | 291.15 |
| Retiree Kermoian | | | | | | |
| 30000803 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-600-5111 | 167.79 | 167.79 |
| Total Retiree Kermoian: | | | | | | 167.79 |
| Retiree Mandler | | | | | | |
| 30000804 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-460-5111 | 167.79 | 167.79 |
| Total Retiree Mandler: | | | | | | 167.79 |
| Retiree Memmott | | | | | | |
| 30000805 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-400-5111 | 229.55 | 229.55 |
| Total Retiree Memmott: | | | | | | 229.55 |
| Retiree Petrie | | | | | | |
| 30000806 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-400-5111 | 184.72 | 184.72 |
| Total Retiree Petrie: | | | | | | 184.72 |
| Retiree Pettey | | | | | | |
| 30000807 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-600-5111 | 209.01 | 209.01 |
| Total Retiree Pettey: | | | | | | 209.01 |
| Retiree Reilly | | | | | | |
| 30000808 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement- NOV 24 | 10-600-5111 | 167.79 | 167.79 |
| Total Retiree Reilly: | | | | | | 167.79 |
| Retiree Vine | | | | | | |
| 30000809 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-400-5111 | 167.79 | 167.79 |
| Total Retiree Vine: | | | | | | 167.79 |
| Retiree Wettstein | | | | | | |
| 30000810 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-600-5111 | 826.00 | 826.00 |
| Total Retiree Wettstein: | | | | | | 826.00 |
| Retiree Williams | | | | | | |
| 30000811 | | | | | | |
| 10/24 | 10/24/2024 | NOV 24 | Retiree Health Reimbursement NOV 24 | 10-400-5111 | 826.00 | 826.00 |

M = Manual Check, V = Void Check


| GL Period | Check Issue Date | Invoice Number | Description | Invoice GL Account | Invoice Amount | Amount |
|---|------------------|----------------|--|--------------------|----------------|-----------|
| Total Retiree Williams: | | | | | | 826.00 |
| Rexel aka Buckles-Smith Electric Co. | | | | | | |
| 30000812 | | | | | | |
| 10/24 | 10/24/2024 | S137810426.0 | TechConnect Software Support Renewal (Year 3 of 3) | 10-600-5361 | 7,648.91 | 7,648.91 |
| 10/24 | 10/24/2024 | S137810426.0 | TechConnect Software Support Renewal (Year 3 of 3) | 60-620-5361 | 7,648.90 | 7,648.90 |
| 10/24 | 10/24/2024 | S139163051.0 | AB Service Training on 5.21 through 5.22 - Daniel Starnes | 10-480-5469 | 2,315.00 | 2,315.00 |
| Total Rexel aka Buckles-Smith Electric Co.: | | | | | | 17,612.81 |
| Riedinger Consulting | | | | | | |
| 21363 | | | | | | |
| 10/24 | 10/24/2024 | 2024-968 | STPURWE Additional PCO Support | 10-902-5601 | 6,610.00 | 6,610.00 |
| Total Riedinger Consulting: | | | | | | 6,610.00 |
| Robards, Gary | | | | | | |
| 30000813 | | | | | | |
| 10/24 | 10/24/2024 | 2024 WATERE | 2024 WaterReuse California Reimbursement 9/15-9/17/24 | 10-440-5467 | 1,823.04 | 1,823.04 |
| 10/24 | 10/24/2024 | CSDA ANNUAL | 2024 CSDA Annual Conference Reimbursement 9/9-9/12/24 | 10-440-5467 | 1,783.03 | 1,783.03 |
| 10/24 | 10/24/2024 | OCT 24 HEALT | Health Reimbursement - Oct 24 | 10-440-5115 | 200.00 | 200.00 |
| Total Robards, Gary: | | | | | | 3,806.07 |
| Rogers, Norman | | | | | | |
| 30000814 | | | | | | |
| 10/24 | 10/24/2024 | FY25 WELLNE | FY 24.25 Wellness Reimbursement | 10-600-5170 | 500.00 | 500.00 |
| Total Rogers, Norman: | | | | | | 500.00 |
| Sanbell-Bay Area | | | | | | |
| 30000815 | | | | | | |
| 10/24 | 10/24/2024 | 240098.01 | On-Call Inspection Services for Collection System, Development Pro | 10-763-5601 | 696.00 | 696.00 |
| Total Sanbell-Bay Area: | | | | | | 696.00 |
| Sonoma County Water Agency | | | | | | |
| 21364 | | | | | | |
| 10/24 | 10/24/2024 | WTRN-000001 | Sea Level Adaptation Resilience Area Project Costs FY 24-25 | 10-748-5601 | 25,914.00 | 25,914.00 |
| Total Sonoma County Water Agency: | | | | | | 25,914.00 |
| Southwest Valve & Equipment | | | | | | |
| 21365 | | | | | | |
| 10/24 | 10/24/2024 | 36795B26964 | Two 2-inch Plug Valves and Two 20-inch Check Valves | 10-935-5601 | 27,479.87 | 27,479.87 |
| Total Southwest Valve & Equipment: | | | | | | 27,479.87 |
| United Site Services | | | | | | |
| 21366 | | | | | | |
| 10/24 | 10/24/2024 | INV-4857161 | Porta Potties at plant | 10-600-5339 | 1,363.93 | 1,363.93 |
| Total United Site Services: | | | | | | 1,363.93 |
| Univar USA Inc. | | | | | | |

M = Manual Check, V = Void Check

| GL Period | Check Issue Date | Invoice Number | Description | Invoice GL Account | Invoice Amount | Amount | |
|-------------------------|------------------|-------------------------|---|--------------------|----------------|-----------|------------|
| 30000816 | | | | | | | |
| 10/24 | 10/24/2024 | 52470626 | Sodium Hypochlorite 10/3/2024 | 10-600-5281 | 15,830.89 | 15,830.89 | |
| | | Total Univar USA Inc.: | | | | | 15,830.89 |
| Verizon Wireless | | | | | | | |
| 21367 | | | | | | | |
| 10/24 | 10/24/2024 | 9974825041 | District Cell Phones | 10-600-5423 | 700.78 | 700.78 | |
| 10/24 | 10/24/2024 | 9974825041 | District Cell Phones | 10-460-5423 | 521.30 | 521.30 | |
| 10/24 | 10/24/2024 | 9974825041 | District Cell Phones | 10-480-5423 | 260.90 | 260.90 | |
| 10/24 | 10/24/2024 | 9974825041 | District Cell Phones | 10-420-5423 | 52.18 | 52.18 | |
| 10/24 | 10/24/2024 | 9974825041 | District Cell Phones | 10-560-5423 | 52.18 | 52.18 | |
| 10/24 | 10/24/2024 | 9974825041 | District Cell Phones | 10-440-5423 | 38.01 | 38.01 | |
| | | Total Verizon Wireless: | | | | | 1,625.35 |
| West Yost | | | | | | | |
| 21368 | | | | | | | |
| 10/24 | 10/24/2024 | 2059910 | Cybersecurity Consulting Services | 10-600-5342 | 1,460.50 | 1,460.50 | |
| | | Total West Yost: | | | | | 1,460.50 |
| WRA INC | | | | | | | |
| 21369 | | | | | | | |
| 10/24 | 10/24/2024 | 26227.3-54948 | Lower Miller Creek Rock Weir and Vane Repair Permitting | 10-812-5601 | 2,210.00 | 2,210.00 | |
| | | Total WRA INC: | | | | | 2,210.00 |
| Yezman, Crystal | | | | | | | |
| 30000817 | | | | | | | |
| 10/24 | 10/24/2024 | OCT 24 HEALT | Health Reimbursement - Oct 24 | 10-440-5115 | 200.00 | 200.00 | |
| | | Total Yezman, Crystal: | | | | | 200.00 |
| | | Grand Totals: | | | | | 627,843.62 |

Board Member: _____

General Manager:  10/28/2024

Finance Manager:  10/27/24



Item Number _____ 3C _____

GM Review _____ CP _____

Agenda Summary Report

To: Board of Directors
From: Michael P. Cortez, PE, District Engineer
 (415) 526-1518; mcortez@lqvsd.org
Meeting Date: November 7, 2024
Re: GHD Contract Amendment for the Transfer of Biosolids Program and Research Project Support Services to Parsons Corporation
Item Type: Consent Action _____ Information _____ Other _____
Standard Contract: Yes No _____ (See attached) Not Applicable _____

STAFF RECOMMENDATION

Board to approve:

1. GHD Contract Amendment 1 (Attachment 1) for the change in Scope of Work and fee only to services performed as of October 17, 2024 for the Biosolids Program and Research Project Support Services (GHD Contract) dated October 18, 2022.
2. A new Agreement with Parsons Corporation for the transfer of the remainder of the GHD contract in the amount of \$463,307.82, including an additional \$162,192.18 in new services for a new contract amount of \$625,000 (see Attachment 2 for Parson’s proposal).

BACKGROUND

In August 2024, Mary Martis informed District staff that she moved to Parsons Corporation from GHD and offered the District an option to transfer to Parsons the remainder of the GHD contract anticipated to expire in February 2026. Mary Martis reported that she obtained authorization to offer such an option to the District with appropriate GHD and Parsons staff. District staff considered and accepted the offer based on Mary Martis’ institutional knowledge of the Purdue University PFAS research study (Unregulated Organic Chemicals in Biosolids: Prioritization, Fate and Risk Evaluation for Land Application) and the immediate needs of the Biosolids Land Application Services 2024 project with Custom Tractor Service (Neal Carstensen), which was about to start at the time. It should be noted that prior to joining GHD, Mary Martis was engaged in the early stages of the District’s biosolids program as HDR’s project manager and the District transferred HDR’s contract to GHD to ensure continuity of the PFAS research program as well as the broader biosolids management project. The City of Santa Rosa also transferred a similar biosolids project management contract with GHD to Parsons due to Mary Martis moving to Parsons.

Also moving to Parsons with Mary Martis from the GHD project team is Justin Steere, who is responsible for the testing requirements of this year’s contract with Custom Tractor Service and last year’s contract with Synagro.

To effectuate the transfer of services, and in lieu of a mutual termination or a termination for convenience, District staff and GHD agreed to a contract amendment for a change in scope and fee only to services performed as of October 17, 2024, for a revised final contract amount of \$437,526.18. An adjusted amount of \$463,307.82 from the remaining balance of \$513,307.82 from the original contract



amount of \$950,834.00 will be transferred to Parsons. This amount also covers additional testing requirements and tasks requested by Purdue University for the PFAS research program.

In addition to the transfer of \$463,307.82 to Parsons, and in response to District staff request, Parsons submitted an additional fee estimate in the amount of \$162,192.18 to provide support for testing requirements of the ongoing State's General Waste Discharge Order and additional services for Custom Tractor Service and District staff during both the ongoing 2024-2025 and future 2025-2026 biosolids land application projects, which are not included in the original GHD contract. The additional amount of \$162,192.18 for testing services and additional support for Custom Tractor Service, when pro-rated and added to this year's contract with Parsons is still less than last year's contract with Synagro who performed the same services as part of their biosolids land application project.

Staff reviewed Parson's proposal and deemed the total fee estimate of \$625,500 reasonable. District legal counsel reviewed the changes to the agreement recommended by Parsons' attorneys and both parties agreed as to form.

PREVIOUS BOARD ACTION(S)

Board approved the Award of Contract for Biosolids Program and Research Project Support Services to GHD on October 6, 2022.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

This project was previously approved in the District's Capital Improvement Program. The additional expenditures in the amount of \$112,192.18 will be funded from the existing operating and maintenance budget for this fiscal year 2024-2025 with the remaining balance of expenditures to be added to next year's budget.

**AGREEMENT
FOR CONSULTATION AND PROFESSIONAL ENGINEERING SERVICES
BIOSOLIDS PROGRAM AND RESEARCH PROJECT SUPPORT SERVICES
(JOB NO. 21500-08)**

THIS AMENDMENT made this _____ day of _____ 2024 by and between the **LAS GALLINAS VALLEY SANITARY DISTRICT** (hereinafter referred to as “District”), and **GHD**, whose address is, **655 Montgomery Street, Suite 1010, San Francisco, CA 94111** (hereinafter referred to as “Consultant”);

WHEREAS, the original Agreement between both parties dated **October 18, 2022** is amended and supplemented as follows; and

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do hereby agree as follows:

1. Change in Scope of Work.

- a. GHD has completed the Scope of Work up to October 17, 2024. Upon mutual agreement between GHD and the District, any remaining tasks are removed from the Agreement. Therefore, this Amendment is to formalize the new reduced Scope of Work.
- b. The Scope of Work completed includes the following:
 - i. Task 1: Develop Biosolids and Site Characterization Work Plan and Sampling and Analysis Plan (Completed)
 - ii. Task 2: Implement Characterization Work Plan and Prepare Report (Completed for 2023)
 - iii. Task 3: Establish Inspection and Oversight Program SOP (Completed for 2023 and 2024)
 - iv. Task 4: Prepare Pre-Application Report (Completed for 2023 and 2024)
 - v. Task 5: MRP Implementation 2023-2025 (Completed for 2023 and up to September 2024)
 - vi. Task 6: Project management (Completed for 2023 and up to September 2024)
 - vii. Task 7: Research Project Support (Completed up to September 2024)
 - viii. Task 8: Assess Future Biosolids Management Alternatives (Completed for 2023 and 2024)
- c. Any work associated with the above tasks from October 17, 2024 onwards is no longer in GHD’s scope of services. With the reduction in fee and payment of all outstanding invoices, all obligations of both GHD and the District are fulfilled.

d. Contract Summary:

| | | <u>Date</u> |
|-------------|------------------------------|---------------------|
| i. | Original Contract | \$950,834.00 |
| ii. | <u>This Amendment</u> | <\$513,307.82> |
| iii. | Final Contract Amount | \$437,526.18 |

2. Successors And Assigns. This Amendment shall be binding upon and inure to the benefit of the successors and permitted assigns of the parties hereto.

3. **Entire Agreement.** Except as expressly modified by this Amendment, the Agreement shall be and remain in full force and effect in accordance with its terms and shall constitute the legal, valid, binding and enforceable obligations to the parties. This Amendment and the Agreement (including any written amendments thereto), collectively, are the complete agreement of the parties and supersede any prior agreements or representations, whether oral or written, with respect thereto.

IN WITNESS WHEREOF, the parties have caused this Amendment to be duly executed by their authorized representatives.

LAS GALLINAS VALLEY SANITARY DISTRICT

By _____
Curtis Paxton, General Manager Date

GHD

Signature Date

By _____
Print Name Title

October 30, 2024

Mr. Mike Cortez, PE
Las Gallinas Valley Sanitary District 300 Smith Ranch Road
San Rafael, CA 94903
Submitted via email: mcortez@lgsd.org

Subject: *Proposal to Provide Professional Services: Biosolids Management Program and Research Project Support*

Dear Mike:

Thank you for the opportunity to support Las Gallinas Valley Sanitary District (District) with its biosolids management program and biosolids-related research project (Project). As you are aware, about seven years ago, the District and its Board established a goal of shifting from biosolids land disposal to beneficial use – beneficial use targeting land application of the District’s Class B biosolids to support farming operations on up to 304 acres of District-owned agricultural lands located adjacent to its wastewater treatment plant. The District also explored the idea of providing a biosolids management solution for other Marin County wastewater agencies as a regional land application site or composting operation. Alternatives for establishing an economically viable, long-term biosolids management program were evaluated in 2017/2018 at a high-level including:

- Dewatering and land application of Class B biosolids,
- On-site composting of Class B biosolids to create a Class A product, and
- Expansion of the alternative/potential biosolids management programs to a regional operation that could support county-wide management needs.

Since setting its goal to move from disposal to beneficial use of biosolids, the District has successfully enrolled under the State’s General Waste Discharge Requirements for the *Discharge of Biosolids to Land for Use as a Soil Amendment in Agricultural Activities*, Order No. 2004-0012-DWQ (General Order), and joined an EPA National Priorities Program as a test site in a three-year research project (with option for one-year extension), *Unregulated Organic Chemicals in Biosolids: Prioritization, Fate and Risk Evaluations for Land Applications* (Research Project). The District is now about two years into supporting the Research Project, and after receiving a Notice of Applicability (NOA) authorizing the District to land apply biosolids under the General Order, performed its first biosolids land application in October of last year (2023).

The District has also completed a biosolids land application feasibility study, which led to preparing a Notice of Intent to land apply biosolids under the General Order and to establishing early partnerships with other Marin County wastewater agencies interested in supporting a regional biosolids management solution. The District is currently evaluating the feasibility of establishing a compost operation on land that could provide additional or alternative management capacity for District biosolids, as well as provide capacity for other agencies seeking a long-term management solution.

The District most recently contracted with GHD, Inc., to deliver program services for the past two years, with Mary Martis assigned as GHD’s project manager. The initial scope of services included the following tasks (status/level of completion noted in parentheses):

- Task 1: Develop Biosolids and Site Characterization Work Plan and Sampling and Analysis Plan (Completed 2023; no further actions required)
- Task 2: Implement Characterization Work Plan and Prepare Report (Completed 2023; no further actions required)
- Task 3: Establish Inspection and Oversight Program SOP (Completed for 2023 and 2024; additional actions required for 2025)
- Task 4: Prepare Pre-Application Report (Completed for 2023 and 2024; additional actions required for 2025)

- Task 5: MRP Implementation 2023-2025 (Completed for 2023 and to September 2024; additional actions required for 2024 and 2025)
- Task 6: Project management (Completed for 2023 to September 2024; additional actions required for 2024 and 2025)
- Task 7: Research Project Support (Completed up to September 2024; additional actions required for 2024 and 2025)
- Task 8: Assess Future Biosolids Management Alternatives (Completed for 2023 and 2024)

The remaining budget from GHD's contract that will be transferred back to the District is *five-hundred-thirteen thousand, three-hundred and seven dollars and eighty-two cents (\$513,307.82)* for the above-listed remaining services through the end of 2025 (i.e., Tasks 3, 4, 5, 6, and 7).

Mary, now with Parsons, has been supporting the District's biosolids management vision for the past seven years, is a key member of the Research Project team, and as our proposed project manager, will provide the institutional knowledge and congruency needed to continue to support the District's biosolids management goal and broader vision to create a sustainable program that could provide a long-term biosolids management solution for the District as well as interested partner agencies. Mary will continue to deliver the program scope under Parsons, as well as support broader District needs associated with its biosolids management program that have developed since initial scope inception, including expanded Research Project needs, a shift in land application management, and development of a preliminary standard operating procedure (SOP) outlining the activities required for General Order compliance. She has assembled a leadership team including Mark Grey of Mark Grey Consulting who has worked alongside her over the past five years supporting the District's biosolids operations planning, and Jeff Gravesen who is a subject matter expert in environmental permit compliance with Parsons, Inc. (Parsons). Jeff has identified team members that will perform the sampling associated with MRP compliance and the Research Project, as well as provide biosolids application oversight. Team members include Justin Steere, Alan Burt, Callie Grant, Yovvani Mojica Perez, and Stephen Bourgeois. Copies of team member résumés, including Jeff's, are included as **Exhibit A**.

The following scope of work has been prepared based on remaining program needs as outlined in the initial scope of work (i.e., above-listed Tasks), as well as additional needs that have developed as the program has matured over the last two years.

Scope of Work

As a condition of enrollment under the General Order, the District must participate in the three-year Research Project.¹ The General Order enrollment requirements under the NOA and associated Monitoring and Reporting Program (MRP) are directly tied to the Research Project, so coordination of services between the biosolids management program and Research Project are critical for overall program compliance and project success.

The following scope of work has been prepared based on Parsons' current understanding of the Project – specifically, the scope of services needed to maintain compliance with the NOA and associated MRP, as well as to deliver on the District's commitment as a partner and test site for the Research Project, with additional services noted separately to support the overall project needs as the program has matured. The scope of services is comprised of the following tasks:

- Task 1: Conduct Sampling and Reporting Needed for NOA/MRP Compliance (Q4 2024/2025/Q1 2026) (relates to above-listed initial scope, Task 5)
- Task 2: Develop Biosolids Management Program SOP for NOA/General Order Compliance (relates to above-listed initial scope, Tasks 3 and 4)

¹ Note: the Research Project includes a one year option, so the program could extend to a total of four years.

- Task 3: Provide Research Project Support (Q4 2024/2025) (relates to above-listed initial scope, Task 7)
- Task 4: Project Management Administration and Controls (relates to above-listed initial scope, Task 6)

In addition, the District requires additional services due to changes from the initial scope, as defined in the following additional tasks:

- Task A: Prepare Bid Package for Biosolids Land Application Services and Provide Bid and Award Period Services (2025/2026)
- Task B: Biosolids Land Application Services Event Compliance Reporting (2025/2026)

Task 1: Conduct Sampling and Reporting Needed for NOA/MRP Compliance (Q4 2024/2025/Q1 2026)

Overview. Parsons will perform the field sampling and associated reporting services as needed for NOA/MRP compliance (NOA/MRP dated July 1, 2022).

The MRP describes requirements for monitoring the District's biosolids land application program under the NOA, specifically:

- Annual biosolids monitoring,
- Routine field monitoring,
- Annual soil monitoring,
- Quarterly groundwater monitoring for the first year, semi-annual groundwater monitoring thereafter,
- Monitoring reports summarizing each monitoring event,
- A Pre-application Report for each land application event, and
- An Annual Report.

The NOA included additional sampling and reporting requirements, all of which have been completed prior to the scope of work described herein. Additional sampling and reporting requirements that were previously performed by others include:

- Biosolids and Site Characterization Work Plan
- Biosolids and Site Characterization Report
- Sampling and Analysis Plan
- Flood Protection Plan

The following paragraphs outline Parsons' proposed Task 1 scope of work, schedule and deliverables, as well as estimated level of effort to implement the MRP over the next year-and-a-half (Q4 2024; 2025; Q1 2026).

TASK 1.1: BIOSOLIDS, SOIL, AND GROUNDWATER MONITORING

Background. A copy of **Tables 1** and **2** from Section V, Paragraphs A and B, of the MRP, listing biosolids monitoring requirements, and soil monitoring requirements, respectively, follow. Constituent and sampling frequency information have been updated in **Table 1** based on an email received from the Water Board on August 1, 2024, accepting some of the changes to the MRP requested by the District in Q1 2024; changes are indicated in red with ~~strikeout~~ and/or bolded format.

In addition, **Tables 3** and **4** from Section V, Paragraphs D and E, respectively, of the MRP, listing groundwater monitoring requirements, are copied herein. No requested changes to **Tables 3** and **4** of the MRP were accepted by the Water Board, however, the addition of language referencing groundwater well purge volume, is shown in red in bolded format as well. Text shown in *italics* has been copied directly from the MRP.

Annual Biosolids Monitoring Program Requirements listed in MRP

The Discharger shall sample and analyze biosolids as follows. Results for chemical constituents shall be reported in milligrams per kilogram (mg/kg) on a dry-weight basis. Whenever possible and appropriate, composite sampling should be conducted (e.g., for metals).

Table 1. Biosolids Monitoring

| Constituent | Units ¹ | Sample Frequency |
|--|------------------------------|--------------------------------------|
| EPA Priority Pollutant List | mg/kg, µg/kg | Once every five years |
| Polycyclic Aromatic Hydrocarbons (PAHs) | µg/kg | Once every five years |
| Volatile Organic Compounds (VOCs) | µg/kg | Once every five years |
| Metals ² | mg/kg | Once per year |
| Cyanide | mg/kg | Once per every five years |
| PCB arochlors, aldrin, dieldrin ³ | µg/kg | Once per every five years |
| Semi-volatile organics (SVOCs) ⁴ | µg/kg | Once per every five years |
| Total nitrogen | mg/kg | Once per year |
| Ammonia nitrogen (as N) | mg/kg | Once per year |
| Nitrate nitrogen (as N) | mg/kg | Once per year |
| Total phosphorous (as P) | mg/kg | Once per year |
| Total potassium | mg/kg | Once per year |
| pH | s.u. | Once per year |
| Salinity | µmhos/cm mg/kg | Once per year |
| Total solids content | % | Once per year |
| Percent moisture | % | Once per year |

¹ mg/kg = milligram per kilogram; µg/kg = microgram per kilogram; ~~MPN/100 g = most probable number per 100 grams~~; s.u. = standard units; % = percent; ² Metals include arsenic, cadmium, chromium, copper, lead, mercury, molybdenum, nickel, selenium, silver, and zinc; ³ PCB arochlors, aldrin, dieldrin; The General Order specifies SW 846 Method 8080; ⁴ SVOCs: The General Order specifies EPA Method 8270.

Routine Field Monitoring Requirements Listed in the MRP

The Discharger shall establish and implement an inspection and application oversight program to monitor and control biosolids application rates and ensure compliance with the NOA and General Order. Each discrete application field shall be managed and monitored as follows:

1. Pre-application Oversight:
 - a. Define crop to be planted.
 - b. Calculated allowable loading rate based on soil nitrogen residual data from the previous fall and most recent plant available nitrogen (PAN) and moisture content data.
 - c. Document communication of allowable loading rates to spreader operator.
2. Pre-application Inspection:
 - a. Verify that setbacks are clearly delineated.
 - b. Verify that runoff controls are in place and functional.
 - c. Verify that culverts are blocked (where applicable).
3. Application Oversight:
 - a. Verify compliance with setbacks and allowable loading rate.
 - b. Verify compliance with soil incorporation requirements.
4. Post-application Oversight:
 - a. Confirm with irrigation manager requirements to control runoff for the specified period after application.
 - b. Calculate actual biosolids and PAN loading rates.
 - c. Note anticipated dates of planting, irrigation, and harvest.

Soil Monitoring Requirements Listed in MRP

The Discharger shall establish an annual soil sampling program as follows: ~~one two~~ background sampling locations outside of the land application areas (e.g., within application setback areas) and, ~~at least six~~ **three** sampling locations within each discrete land application area identified in the NOA **which has been applied with biosolids during the calendar year**. Sampling locations shall be distributed to be representative of each subarea and predominant soil type. **Soil sampling is not required if no biosolids are applied to land application areas.**

Soil samples shall be collected from each sampling location at the following depths intervals: 0 to ~~3~~ **12** inches, ~~4 to 12~~ **inches**, and ~~13~~ **12-24** inches below ground surface. The top organic layer of soil must be removed prior to taking sample. Each sample shall be thoroughly mixed to create a composite sample representative of the depth interval and shall be analyzed as specified in the following table [Table 2]. Annual **soil** samples shall be collected ~~in the fall (fourth quarter) and must occur~~ at the same time each **calendar** year.

Table 2. Soil Monitoring

| Constituent/Parameter | Units ¹ | Sample Frequency |
|---------------------------------------|--|------------------|
| Soil Classification (USCS and USDA) | -- | Annually |
| Total Solids | % | Annually |
| Total Alkalinity ² | mg/kg as CaCO ₃ | Annually |
| Cation Exchange Capacity ² | meq/100 grams | Annually |
| Electrical Conductivity | µmhos/cm g/kg, mg/L | Annually |
| Chloride ³ | mg/L | Annually |
| pH | s.u. | Annually |
| Metals ^{2,3,4} | mg/kg mg/L | Annually |

¹ % = percent; mg/kg = milligrams per kilogram; CaCO₃ = calcium carbonate; meq/100 grams = milliequivalents per 100 grams soil; mg/L = milligrams per liter; s.u. = standard units; ² For specified constituents, results shall be reported on a dry-weight basis; show calculations; ³ For specified constituents, analysis shall be performed on the extract obtained ~~from~~ **using** the **California Waste** Extraction Test **procedure, with** distilled water as the extractant; ⁴ Metals include arsenic, cadmium, chromium, copper, lead, mercury, molybdenum, nickel, selenium, silver, and zinc.

In addition to the changes noted in the above tables (**Tables 1 and 2**), the Water Board also accepted the following requested additional changes:

- Sampling requirements are limited to parcels receiving land application of biosolids.
- Soil monitoring to be conducted during Q3 [of each year prior to that year’s planned land application event] (instead of Q4).

The Water Board did not however accept the requested changes to groundwater monitoring requirements (MRP Table 3) but accepted the addition of language regarding purge volumes as follows and as shown in red and bolded format.

Groundwater Monitoring Program Requirements Listed in the MRP

The groundwater monitoring program applies to the groundwater monitoring wells tabulated below and any wells subsequently installed under the Water Board’s direction.

Table 3. Groundwater Monitoring Well Network

| Parcel | Monitoring Well |
|------------------------------|-----------------|
| 155-011-33 | MW-01 |
| 155-011-33 | MW-02 |
| 155-011-33 | MW-03 |
| 155-011-33 | MW-04 |
| 155-011-14 | MW-05 |
| 155-011-14 | MW-06 |
| 155-011-14 | MW-07 |
| 155-011-14 | MW-08 |
| 155-011-13 | MW-09 |
| 155-011-13 | MW-10 |
| Dedicated Land Disposal Area | G-1 |
| Dedicated Land Disposal Area | G-3 |
| Dedicated Land Disposal Area | G-4 |
| Dedicated Land Disposal Area | G-5 |

On July 27, 2021, the Discharger submitted a Monitoring Well Installation Work Plan (Work Plan) to the Water Board for review and approval. The Water Board issued comments on the Work Plan on December 15, 2021. A revised Work Plan must be approved prior to Work Plan implementation. Upon completion and development of groundwater monitoring wells installed in accordance with an approved Work Plan, the Discharger shall implement the following groundwater monitoring program for all monitoring wells. Once installed, all new wells shall be added to this Monitoring Program and all wells shall be sampled and analyzed according to the schedule below.

Prior to purging, groundwater elevations shall be measured, and the wells shall be purged of at least three well volumes until temperature, pH, and electrical conductivity have stabilized prior to sampling. **A lower purge volume may be used for very low yield wells, but in no case shall the volume be less than one well volume.** Depth to groundwater shall be measured to the nearest 0.01 feet. Water table elevations shall be calculated and used to determine groundwater gradient and direction of flow. Samples shall be collected using approved EPA methods. Groundwater monitoring shall include, at a minimum, constituents specified in the table below. Groundwater elevation shall be determined on depth to water measurements using a surveyed measuring point elevation on the well and a surveyed reference elevation.

Table 4. Groundwater Monitoring

| Constituent/Parameter | Units ¹ | Type of Sample | Sample Frequency ² |
|-------------------------------|---------------------------|----------------|--|
| Depth to groundwater | 0.01 feet | Measurement | Quarterly for first year; semi-annually thereafter |
| Groundwater elevation | 0.01 feet | Calculated | Quarterly for first year; semi-annually thereafter |
| Gradient magnitude | feet/feet | Calculated | Quarterly for first year; semi-annually thereafter |
| Gradient direction | Degrees | Calculated | Quarterly for first year; semi-annually thereafter |
| pH | s.u. | Grab | Quarterly for first year; semi-annually thereafter |
| Electrical conductivity | µmhos/cm | Grab | Quarterly for first year; semi-annually thereafter |
| Chloride | mg/L | Grab | Quarterly for first year; semi-annually thereafter |
| Nitrate as Nitrogen | mg/L-N | Grab | Quarterly for first year; semi-annually thereafter |
| Nitrite as Nitrogen | mg/L-N | Grab | Quarterly for first year; semi-annually thereafter |
| Sulfate | mg/L | Grab | Quarterly for first year; semi-annually thereafter |
| Metals ³ | mg/L | Grab | Quarterly for first year; semi-annually thereafter |
| Alkalinity | mg/L as CaCO ₃ | Grab | Quarterly for first year; semi-annually thereafter |
| Total Dissolved Solids (TDS) | mg/L | Grab | Quarterly for first year; semi-annually thereafter |
| Total Kjeldahl Nitrogen (TKN) | mg/L | Grab | Quarterly for first year; semi-annually thereafter |
| Total Phosphorous | mg/L | Grab | Quarterly for first year; semi-annually thereafter |
| Sulfide | mg/L | Grab | Quarterly for first year; semi-annually thereafter |
| Cyanide | mg/L | Grab | Quarterly for first year; semi-annually thereafter |
| Ammonia | mg/L | Grab | Quarterly for first year; semi-annually thereafter |
| Total Organic Carbon (TOC) | mg/L | Grab | Quarterly for first year; semi-annually thereafter |
| Total Nitrogen | mg/L | Calculated | Quarterly for first year; semi-annually thereafter |
| Fecal Coliform ⁴ | MPN/100 mL | Grab | Quarterly for first year; semi-annually thereafter |

¹s.u. = standard units; µmhos/cm = micromhos per centimeter; mg/L = milligrams per liter; CaCO₃ = calcium carbonate; ² Semi-annual samples should be collected at the end of the dry and wet seasons; ³ Metals include arsenic, cadmium, chromium, copper, lead, mercury, molybdenum, nickel, selenium, silver, and zinc; ⁴ Fecal coliform reported as most probable number of colony-forming units per 100 milliliters.

Task 1.1 Scope of Work. Parsons will collect the required biosolids, soil, and groundwater samples, as well as perform routine field monitoring. The planned sample collection periods for each media type follow in **Table 5**. See associated MRP tables for details.

Routine field monitoring will be conducted primarily in the third and fourth quarters of each year prior to, during, and 30 days after the biosolids land application event.

Note: Parsons will prepare a site-specific Health and Safety Plan (HASP) to inform site workers of known hazards and to provide health and safety guidance. The HASP will remain onsite at all times during field activities and will be reviewed and signed by all site workers and visitors on a daily basis.

Note: Biosolids monitoring requirements indicated with a frequency of “once every five years” have already been met and are therefore not included in this scope of work. Annual soil monitoring was first conducted in Q4 2023 and most recently in Q3 2024; therefore, the next soil sampling should occur in Q3 2025, prior to land application of biosolids.

Table 5. Planned Collection Periods for Each Media Type

| Year/Quarter | Biosolids | Soil | Groundwater | |
|----------------------|---|--|---|--|
| 2024 Q4 | N/A | N/A | <ul style="list-style-type: none"> • Depth to groundwater • Groundwater elevation • Gradient magnitude • Gradient direction • pH • EC • Chloride • Nitrate as Nitrogen • Nitrite as Nitrogen • Sulfate • Metals | <ul style="list-style-type: none"> • Alkalinity • TDS • TKN • TP • Sulfide • Cyanide • Ammonia • TOC • Total Nitrogen • Fecal Coliform |
| 2025 Q2 | N/A | N/A | <ul style="list-style-type: none"> • Depth to groundwater • Groundwater elevation • Gradient magnitude • Gradient direction • pH • EC • Chloride • Nitrate as Nitrogen • Nitrite as Nitrogen • Sulfate • Metals | <ul style="list-style-type: none"> • Alkalinity • TDS • TKN • TP • Sulfide • Cyanide • Ammonia • TOC • Total Nitrogen • Fecal Coliform |
| 2025 Q3 ¹ | <ul style="list-style-type: none"> • Total nitrogen • Ammonia nitrogen (as N) • Nitrate nitrogen (as N) • Total phosphorous (as P) • Total potassium • pH • Salinity • % Moisture | <ul style="list-style-type: none"> • Soil Classification • Total Solids • Total Alkalinity • Cation Exchange Capacity • Electrical Conductivity • Chloride • pH • Metals | N/A | N/A |
| 2025 Q4 | | | <ul style="list-style-type: none"> • Depth to groundwater • Groundwater elevation • Gradient magnitude • Gradient direction • pH • Electrical conductivity • Chloride • Nitrate as Nitrogen • Nitrite as Nitrogen • Sulfate • Metals | <ul style="list-style-type: none"> • Alkalinity • TDS • TKN • TP • Sulfide • Cyanide • Ammonia • TOC • Total Nitrogen • Fecal Coliform |

¹Sampling should occur prior to annual biosolids land application event; target early September sampling with land application to begin in mid-September.

Soil monitoring will include one background soil sampling locations outside of the land application areas (e.g., within application setback areas) and at three soil sampling locations within the discrete land application area identified in the NOA, which has been applied with biosolids during the calendar year. Sampling locations (in fields where biosolids have been land applied) will be distributed to be representative of each subarea and predominant soil type. Soil samples will be collected from each sampling location at the following depth intervals: 0.25 feet below grade (fbg), 0.25 to 1 fbg, and 1 to 2 fbg using a 3-inch diameter bucket hand auger. The top organic layer of soil will be removed prior to taking sample.

Each sample will be thoroughly mixed to create a composite sample representative of the depth interval and will be analyzed as specified in the MRP. Results of the annual biosolids and soil monitoring events will be presented in the annual summary report required in the MRP.

Summary of Activities:

- Complete routine pre-field coordination and notifications.
- Collect samples per schedule shown in **Table 5**.
- Submit all samples to an ELAP-certified analytical laboratory using chain-of-custody protocols and within hold time limits.

Deliverables:

- HASP (draft/final)
- Field Notes (email summary)
- Chain of Custody
- Analytical Laboratory Test Results

Assumptions:

- The District will continue to land apply biosolids on the dry farm only (APN 155-011-33)
- No C-57 license required to collect shallow soil samples.
- Collection of biosolids and soil samples not to exceed 4 days of field work.
- CalTest (or equal) will be used for analytical laboratory services as a subcontractor to Parsons.

Estimated Level of Effort:

- Assumes 20 hours of labor to develop HASP, plus associated site visit. A budget of \$5,000 is recommended for preparing the HASP.
- Based on 2024 groundwater sampling events, analytical testing costs were on the order of \$21,000. For the purpose of estimating groundwater sampling costs for Q4 2024 and 2025, a budget of \$70,000 is recommended, which includes the estimated cost of labor to plan for and collect the groundwater samples (14 monitoring wells), as well as estimated analytical laboratory testing services.
- Based on Q3 2024 soil sampling costs (i.e., analytical laboratory testing) of \$1,550 per sample (excluding mercury), a budget of \$10,000 is recommended for the single planned soil sampling in Q3 2025, which includes the estimated cost of labor to plan for and collect the samples, as well as estimated analytical laboratory testing services for both soil sampling and biosolids sampling.

The estimated total cost for services associated with Task 1.1 (Q4 2024 through Q4 2025) is one hundred and six thousand dollars (\$106,000).

TASK 1.2: PRE-APPLICATION REPORT AND ROUTINE FIELD MONITORING

The routine field monitoring task specified in the MRP relates to establishing and implementing an inspection and application oversight program to monitor and control biosolids application rates and ensure compliance with the NOA and General Order. *Each discrete application field shall be managed and monitored as follows:*

1. *Pre-application Oversight:*
 - a. *Define crop to be planted.*
 - b. *Calculated allowable loading rate based on soil nitrogen residual data from the previous fall and most recent plant available nitrogen (PAN) and moisture content data.*
 - c. *Document communication of allowable loading rates to spreader operator.*

2. *Pre-application Inspection:*
 - a. *Verify that setbacks are clearly delineated.*
 - b. *Verify that runoff controls are in place and functional.*
 - c. *Verify that culverts are blocked (where applicable).*
3. *Application Oversight:*
 - a. *Verify compliance with setbacks and allowable loading rate.*
 - b. *Verify compliance with soil incorporation requirements.*

Parsons anticipates performing site visits during the third and fourth quarters of 2024, and third and fourth quarters of 2025 to complete the pre-application inspections and application oversight. A summary of the annual routine field monitoring events will be presented in each Annual Report as required in the MRP. A summary of activities follows with approximate timing for each activity.

Summary of Activities:

- Address any comments received from Water Board on 2024 Pre-Application Report and coordinate as needed with preparer of 2024 report (prepared by others).
- Prepare Pre-Application Report (Q3 2025).
- Oversee spreader operator activities for 2024 and 2025 biosolids land application events and prepare record of work documentation needed for permit compliance. Complete application oversight site visits, up to three weeks in duration for each scheduled biosolids land application event (Q4 2024; Q4 2025).
- Complete routine pre-field coordination and notifications (Q3/Q4 2024; Q3/Q4 2025).
- Complete one pre-application site visit (Q3 2024; Q3 2025).
- Provide 2024 and 2025 pre-application oversight information to District.

Deliverables:

- 2025 Pre-Application Report (draft/final)
- 2024 and 2025 Pre-Application Oversight and Inspection Documentation (final)
- 2024 and 2025 Application Oversight Documentation (final)
- Field Notes (email summary)

Assumptions:

- Activities associated with disposal/application of biosolids to the District's dedicated land disposal (DLD) unit is not included in this scope of work, including permit compliance.
- Annual biosolids applications will continue on dry farm only.
- There will be one biosolids land application event scheduled per calendar year.
- Crop to be planted in 2024 was previously defined by others (i.e., not included in this scope of work). Parsons will determine crop to be planted in 2025 based on soils and biosolids data.
- Biosolids allowable field loading rate for 2024 was previously calculated and defined by others (i.e., not included in this scope of work). Parson will establish the allowable field loading rate for 2025 based on soils and biosolids data.
- Documentation of communication of allowable field loading rates for 2024 to spreader operator was performed previously by others (i.e., not included in this scope of work). Parson will document communication of allowable field loading rates for 2025 to spreader operator.
- Required setbacks for 2024 were previously defined by others (i.e., not included in this scope of work). Parsons will define required setbacks for 2025 biosolids land application event.
- District to retain contractor for 2025 biosolids land application services (separate from this scope of work).
- Runoff controls plan (including blocking culverts as applicable) for 2024 were previously developed by others as part of the Work Plan included in the 2024 Pre-Application Report (also prepared by others and not included in this scope of work).

- District-retained contractor for 2025 biosolids land application services to prepare Work Plan for inclusion with 2025 Pre-Application Report; District to coordinate with its contractor for timely submission of Work Plan.
- 2025 Pre-Application Report will be prepared under the direction of Mark Grey.
- 2025 Pre-Application Report to be submitted 30 days in advance of planned biosolids land application event; target report submission to Water Board by August 1st of 2025 (if practical).

Estimated Level of Effort:

- Pre-Application Oversight (Q3 2024; Q3 2025). The recommended budget for pre-application oversight for Q3 2025 is \$15,000, which includes satisfying the MRP requirements as well as producing the Pre-App Report required for the planned 2025 biosolids land application event.
- Pre-Application Inspection (Q3 2024; Q3 2025). The estimated budget for pre-application inspection is two-days of labor and assumes an additional cost of \$200 in materials (travel; printing), as well as documenting the visit, for a total of \$6,500.
- Application Oversight (Q3 2024; Q3 2025). The estimated budget for application oversight is \$38,500, which assumes 14 consecutive calendar days in the field to record work being performed by spreading operator/District contractor, as well as associated travel costs and follow up record generation.

The estimated total cost for services associated with Task 1.2 (Q3/Q4 2024, Q3/Q4 2025) is sixty-six thousand dollars (\$60,000).

TASK 1.3: ANNUAL REPORT

Parsons will prepare the needed Annual Report in accordance with NOA/MRP requirements for submission by February 3, of 2025 (for work performed in 2024) and February 3, 2026 (for work performed in 2025). Parsons will issue the draft report to the District for review and comment. The report will be finalized incorporating District comments. Any requests from the Water Board to modify or update the Annual Report will be completed by Parsons as long as the requests are received by Parsons within three months of issuing the report to the Water Board (i.e., by end of April of the same year).

Deliverables:

- 2024 and 2025 Annual Reports (draft/final)
- Response to Water Board Comments on Annual Reports (if needed)

Assumptions:

- Annual Reports will be prepared under the direction of Mark Grey.
- All required test data are available by early December of the reporting year.
- Any Water Board comments are received by end of April of the same year the Annual Report was issued.

Estimated Level of Effort:

- 2024 and 2025 Annual Reports. The estimated cost for services to prepare the Annual Reports for work performed in 2024 and 2025 is \$28,000, including providing a response to Water Board comments (if needed).

The estimated total cost for services associated with Task 1.3 is twenty-eight thousand dollars (\$28,000).

Task 2: Develop Biosolids Management Program SOP for NOA/General Order Compliance

Parsons will develop a Standard Operating Procedure (SOP) for implementing the District's biosolids land application program in accordance with the NOA/MRP. The SOP will be formatted in a manner to facilitate stepwise tracking of the process needed to implement the biosolids management program, including timeline.

Parsons will issue the draft SOP by mid-2025 (assume June 2025) for District review and comment. Parson will organize and conduct a virtual meeting (up to two hours in duration) to review the draft SOP with the District within one week of issuing the draft document.

Parsons will incorporate compiled written comments received from the District, as well as comments received during the draft document review meeting, to finalize the SOP.

Final SOP will be updated (if needed) at conclusion of 2025 biosolids land application event (i.e., the SOP is meant to be a living document and should be updated as the District's biosolids management program evolves).

Deliverables:

- SOP (draft/final/final final)

Assumptions:

- The draft SOP will be reviewed once by the District and District comments incorporated to finalize the document.
- The District will compile all draft document review comments into a single document. Parsons' preference is to receive complied comments from the District in an Adobe PDF format.
- District comments will be issued by the District within five (5) Business Days of receiving the draft SOP.
- The draft SOP review meeting will be held in a virtual setting (i.e., Microsoft Teams platform), for up to two hours in duration.
- The SOP will be finalized by early July 2025.
- Parsons will engage District staff to review SOP as it is being implemented in 2025 by Parsons (to transfer knowledge and understanding of program SOP).

Estimated Level of Effort:

- An estimated level of effort of about \$60,000 is assumed for creating the draft SOP, finalizing the SOP, providing guidance/training on the SOP during the scheduled 2025 land application event, and producing a final/final version post the 2025 event.

The estimated total cost for services associated with Task 2 is sixty-thousand dollars (\$60,000).

Task 3: Provide Research Project Support (Q4 2024/2025)

Parsons will provide Research Project services in support of the District's participation in the Research Project as one of three test sites located in the San Francisco Bay Area. Support activities will include:

- Coordination with Purdue University researchers of development and implementation of Research Project Test Plan.
- Coordination of sampling events with two other wastewater agency test sites.
- Provide NOA-required input to Annual Reports in 2024 and 2025 summarizing research activities for the reporting year.

Purdue University has developed a Research Project Test Plan for the remainder of 2024. **Table 6**, copied from the current Research Project Test Plan follows with a list of anticipated sampling needs.

Table 6. Summary of Sampling Needed to Conclude 2024 Research Test Activities

| Soil cores | | | | |
|------------------|--|------------------------|--|--|
| Where | Sampling dates | Objective ¹ | Sampling and storage | Quantity |
| Dry farmed | Summer 2024 | 1 | 6-foot soil cores, divided in 1-ft containers for transport, in plastic liner and sealed with caps and parafilm. | 3 soil cores |
| Surface soil | | | | |
| Where | Sampling dates | Objective | Sampling and storage | Quantity |
| Dry farmed | Summer 2024 | 1 | Composites of the 1-ft cores of the till layer in Ziplock bags. 24 samples per field | Cores in triplicate |
| Biosolids | | | | |
| Where | When | Objective | Sampling and storage | Quantity |
| Dry farmed | Summer 2024, during biosolids application | 1 | Taking 4 samples distributed along the application day in 2-hour intervals in 500 ml-HDPE bottles | 4 samples |
| Run-off water | | | | |
| Where | When | Objective | Sampling and storage | Quantity |
| Dry farmed | After every significant rainfall during 2024-2025 season | 1 | Collect 500 ml samples in amber HDPE bottles for UOCs and 250 ml samples in HDPE bottles for PFAS | Triplicates for UOCs and triplicates for PFAS. |
| Groundwater | | | | |
| Where | When | Objective | Sampling and storage | Quantity |
| MW01 to MW04 | Summer 2024 | 1 | Collect 500 ml samples in amber HDPE bottles for UOCs and 250 ml samples in HDPE bottles for PFAS | Triplicates for UOCs and triplicates for PFAS |
| MW05 to MW10 | Summer 2024 | 2 | Collect 500 ml samples in amber HDPE bottles for UOCs and 250 ml samples in HDPE bottles for PFAS | Triplicates for UOCs and triplicates for PFAS |
| Irrigation water | | | | |
| Where | When | Objective | Sampling and storage | Quantity |
| Irrigated farmed | Summer 2024 | 2 | Collect 500 ml samples in amber HDPE bottles for UOCs and 250 ml samples in HDPE bottles for PFAS. 3 times during a 12 or 24 h period. | Triplicates for UOCs and triplicates for PFAS |
| Crops | | | | |
| Where | When | Objective | Sampling | Quantity and storage |
| Dry farmed | During harvest 2024 or harvest 2025 | 1 | Composites of each crop tissue type sold (hay) Ziplock bags, double bagged | 150 g composite per crop |
| Irrigated farmed | During harvest 2024 or harvest 2025 | 2 | Composites of each crop tissue type sold (hay) Ziplock bags, double bagged | 150 g composite per crop |

¹ Objective (1): to assess the persistence and mobility of PFAS and UOCs in the field that started to be applied in 2023; Objective (2): to assess the persistence and mobility of PFAS in the field historically irrigated with treated water.

Assumptions:

- The District will receive and manage coolers with bottles, etc. shipped by Purdue University to the Districts WRRF.
- Parsons will schedule sampling events within the timeframe indicated in **Table 5**.
- Parsons will use its own tools as well as those provided by Purdue University to conduct sampling.
- Purdue University will provide all containers, coolers, and materials needed to contain the samples once collected.
- Purdue University will provide pre-paid shipping labels.
- District laboratory staff will make space available for samples requiring overnight holding in the event that shipping times cannot be met.
- District will provide storage of all research project tools, containers, equipment at its WRRF.
- Company or rented vehicles will be needed to access groundwater wells and test site in general. Parson will provide the appropriate vehicle time for site conditions.
- Parsons will not conduct any sampling events within 48 hours of a significant rainfall or if fields are too wet to access.
- Parsons will do its best to mobilize during rainfall events; Parson may choose to set up an automated sampling device (to be provided by Purdue University).
- Groundwater sampling for Research Project to be coordinated with MRP groundwater sampling for compliance. Sampling may or may not occur at the same time but will be conducted as closely as possible (i.e., the groundwater wells may not have adequate volume to facilitate collection of compliance monitoring samples and Research Project samples at the same time.
- Irrigation water will be sampled either before or after each planned biosolids land application event (2024; 2025).
- Assumes crop sampling for 2024 harvest has already been completed by others.
- District will facilitate any needed coordination with farmer for Research-Project-related sampling events.

Estimated Level of Effort:

- The estimated level of effort for implementing the current Research Test Plan for the remainder of 2024 is as follows:
 - Soil cores: \$25,000
 - Surface soils: \$10,000
 - Biosolids: \$6,400
 - Run-off water (up to five rainfall events): \$16,500
 - Groundwater: \$25,000
 - Irrigation water: \$3,500
 - Crop samples (2025 harvest): \$10,000

The Research Test Plan for 2025 has not yet been developed by Purdue University. Based on historical monthly sampling events, which Parsons believes will be reduced to bi-monthly sampling events, as well as the likelihood of additional soil core sampling being needed (requires subcontractor), a recommended budget of an additional \$46,600 is suggested, assuming about three days of labor every-other-month (six months total; up to two field personnel), plus a similar sampling requirement around the biosolids land application event.

The estimated total cost for services associated with Task 3 is one-hundred-forty-three thousand dollars (\$143,000).

Task 4: Assess Future Biosolids Management Alternatives (2025)

The scope of services for this task will be performed on an as-requested basis. A suggested budget of \$50,000 for services is recommended (based on 2023 and 2024 services provided).

Task 5: Project Administration and Controls

Summary of Activities:

- Project Kick-off Meeting.
- General project administration and controls.
- Coordination with GHD for Project records transfer.
- Bi-weekly check-ins with District.

Deliverables:

- Monthly invoices, including progress summary
- Project Kick-off Meeting agenda and notes (final)

Assumptions:

- Invoices will be issued within 15 days from the first of the month following the billing period.
- Invoices will include a progress summary/report in bullet format.

Estimated Level of Effort:

- Level of effort for project controls and administration services, including Project Kick-off Meeting, is estimated at \$60,307.82.

Task A: Prepare Bid Package for Biosolids Land Application Services and Provide Bid and Award Period Services (2025/2026)

At the District's request, and in good-faith, Mary Martis of Parsons mobilized (without a contract) to prepare the bid package for 2024 land application services, as well as provide bid and award period services.

The intent of this task is to reimburse Parsons for the services provided at-risk to-date, as well as continue to provide bid package preparation services and bid and award period services for the needed 2025 and 2026 land application events.

Parsons will update the bid package for biosolids land application services that was prepared for the 2024 application event, and will revise the bid package as needed for the 2026 land application event. Parsons will also provide bid and award period services, including conducting a pre-bid site walk and responding to questions from bidders. In addition, Parsons will assist the District in evaluating bids it receives and making a recommendation of award to the District's Board. Further, Parsons will develop a draft Work Plan (for submission with Pre-App Report) for reference for contract awardee.

Deliverables:

- Bid Package (draft/final)
- Bid Package Addenda (draft/final)
- Bidder's Proposals Review Comments (final)

Assumptions:

- The District will not include dewatering of the liquid biosolids as part of the bid package (i.e., the District will only allow spreading by subsurface injection of the District's Class B biosolids).
- The District may continue to contract with farmers for biosolids land application services, as well as disposal services in its DLD unit. As such, Parsons will develop a draft Work Plan for the contracted farmer that can be used for guidance when developing the required Work Plan for inclusion with the Pre-App Report.
- Up to two (2) addenda to the bid package will be issued in response to questions received from bidders.

Estimated Level of Effort:

- An estimated level of effort of 120 hours or about \$50,000 is assumed for updating the bid package, as well as conducting the pre-bid site walk and responding to bidder questions. An additional 24 hours or \$10,000 is assumed to review bids received by the District (up to three bids) and provide recommendations.

The estimated total cost for services associated with Task A is sixty thousand dollars (\$60,000).

Task B: Biosolids Land Application Services Event Compliance Reporting (2024/2025/2026)

The District prepared and issued a bid package in the Summer of 2024 for professional biosolids land application services. Due to market conditions, including an acquisition by a professional biosolids management company of one of its California competitors, the District only received a single bid for biosolids management services (i.e., land application). The bid received was within the Engineer's Estimate (lower), but took exceptions to some of the scope of services, leaving gaps in services associated with General Order compliance requirements for the land application event. Given that biosolids management is a time-dependent and critical part of the District's operation, and the seasonal restrictions defined under the General Order limit biosolids land application during dry weather (i.e., May 15th through October 31st), the single bidder was selected for award. At the District's request, and in good-faith, Mary Martis of Parsons mobilized (without a contract) to oversee the 2024 land application event as well as fill the gaps in scope of services needed to

implement the event in accordance with the General Order. Parsons also mobilized personnel to conduct the field testing during the land application event needed to support the Research Project.

The intent of this task is to reimburse Parsons for the services provided at-risk to-date, as well as continue to provide the biosolids land application services event compliance reporting services in 2025 should the District opt to extend its award of services to the 2024 selected contractor by one year (2025) as outlined in its contract between parties. If the Districts opts to not extend the contractor's performance period by one year, Parsons' services for this task will not be performed, and the needed services for event oversight, will be performed under Task 2.

Deliverables:

- Compliance Records and Calculations

Assumptions:

- The District will provide analytical laboratory testing services (in-house or by outside laboratory) at the request of Parsons and will bear all costs associated with the requested analytical testing (analytical testing will be that as required for compliance with the General Order only).

Estimated Level of Effort:

- An estimated level of effort of is up to 120 hours per land application event for up to two personnel (2024; 2025), or about \$64,000.

The estimated total cost for services associated with Task B is sixty-four thousand dollars (\$64,000).

Fee Proposal

The proposed fee for the scope of work outlined herein, reflecting a one-and-a-half-year effort, and services to be provided on a time-and-materials (T&M), is *six-hundred-seventy-five thousand five hundred dollars* (\$675,500), not to exceed without prior written authorization from the District. This level of effort estimate is based on Parsons' current understanding of Project needs and was developed using a Project-Based Rate Schedule (enclosed separately).

A summary breakout by task is follows.

Estimated Fee Breakdown by Task

| Description | Estimated Level of Effort (labor and materials costs) |
|--|--|
| Task 1: Conduct Sampling and Reporting Needed for NOA/MRP Compliance (Q4 2024/2025/Q1 2026) | \$200,000 |
| Task 2: Develop Biosolids Management Program SOP for NOA/General Order Compliance | \$60,000 |
| Task 3: Provide Research Project Support (Q4 2024/2025) | \$143,000 |
| Task 4: Assess Future Biosolids Management Alternatives (2025) | \$50,000 |
| Task 5: Project Management Administration and Controls | \$60,307.82 |
| | |
| Subtotal for Remainder of Initial Services: | \$513,307.82 \$463,307.82 |
| Task A: Prepare Bid Package for Biosolids Land Application Services and Provide Bid and Award Period Services (2025) | \$60,000 |
| Task B: Biosolids Land Application Services Event Compliance Reporting (2024/2025/2026) | \$64,000 |
| Additional Project Management Administration and Controls | \$38,192.18 |
| Subtotal for Additional Services: | \$162,192.18 |
| Total Estimated Fee: | \$675,500 \$625,000 |

We appreciate the opportunity to support your forward-thinking biosolids management program and Research Project. If you have any questions, please feel free to contact Mary Martis directly.

Sincerely,

PARSONS



Mary Martis, PE
Vice President, National Water/Wastewater + PFAS Sales Executive
mary.martis@parsons.com
Mobile: +1 858.442.1673

Revised by LGVSD per conversation between District staff and Parsons on 10/30/2024.



Item Number _____ 3D _____

GM Review _____ CP _____

Agenda Summary Report

To: Board of Directors
From: Michael P. Cortez, PE, District Engineer
 (415) 526-1518; mcortez@lqvsd.org
Mtg. Date: November 7, 2024
Re: GHD Contract Amendment No. 1 for Terra Linda Trunk Sewer Highway 101 Undercrossing Lining Project Design
Item Type: Consent Action _____ Information _____ Other _____
Standard Contract: Yes No _____ (See attached) Not Applicable _____

STAFF RECOMMENDATION

Board to approve Contract Amendment No. 1 to GHD to add the design of the Terra Linda Trunk Sewer Highway 101 Undercrossing Lining into the John Duckett PS Electrical & Terra Linda Trunk Sewer Creek Crossing Improvement Design project in the amount of \$89,371.

BACKGROUND

During a design coordination meeting with GHD, District staff determined that it would be prudent and cost effective from both design and construction perspectives to combine the Gallinas Creek trunk sewer crossing upgrade currently under design by GHD with the Terra Linda Trunk Sewer Highway 101 Undercrossing Lining project, which is listed as a separate CIP project for FY 2024/2025. The two segments of the trunk sewer for both projects are adjacent to each other and the proposed upgrades are similar in nature. Combining the projects will provide potential cost savings in construction activities such as mobilization/demobilization, temporary controls, construction management, and inspection services. In response to District staff request, GHD submitted a proposal in the amount of \$89,371 for including the design of the lining of approximately 455 LF of 24" corrugated asbestos-cement pipe freeway undercrossing. The proposal also included the design for the structural and electrical upgrades of the overhead crane and miscellaneous valves, actuators, and piping for the pump station. Staff reviewed the additional scope of work and deemed the fee proposal reasonable.

The final contract amount with GHD for the combined projects after the addition of Contract Amendment No. 1 is \$519,082.

PREVIOUS BOARD ACTION

On May 16, 2024, the Board approved the contract award to GHD for John Duckett Pump Station Electrical Upgrades and Terra Linda Trunk Sewer Creek Crossing Improvements.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

The fee proposal of \$89,371 is within the FY 2024/2025 budget for the Terra Linda Trunk Sewer Highway 101 Undercrossing Lining Project No. 25460-1.

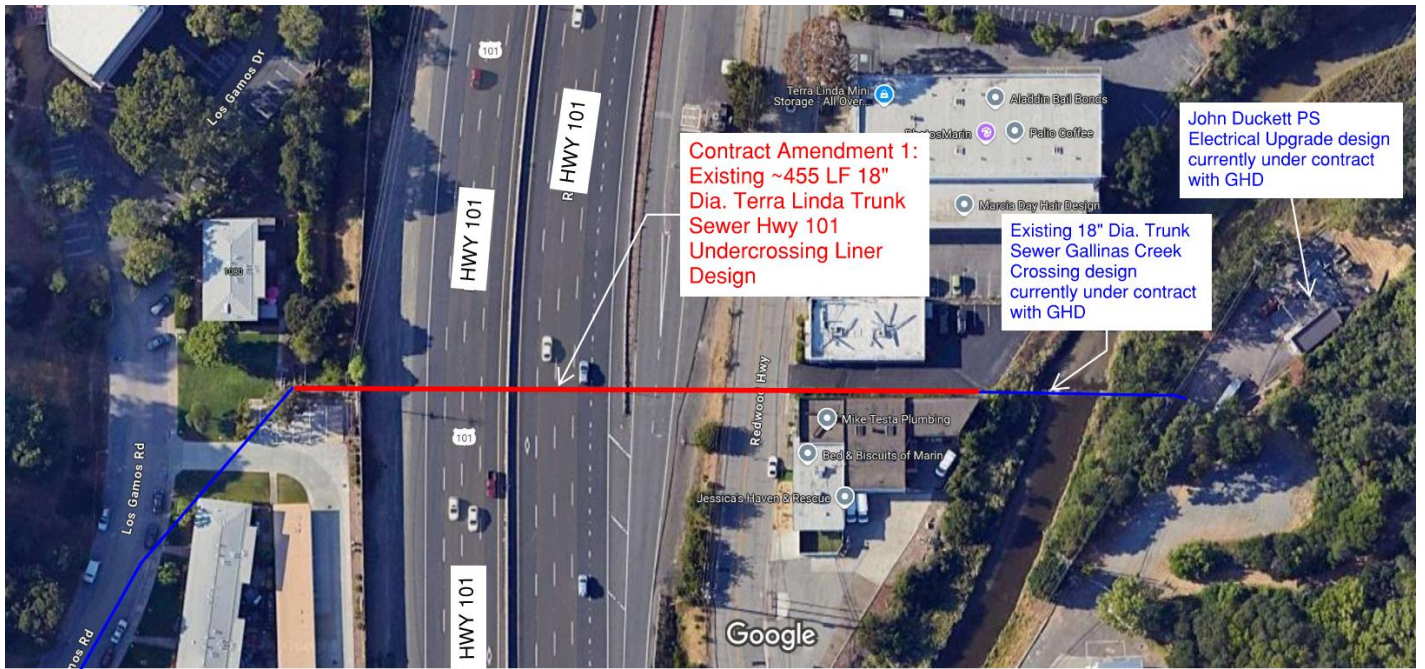


Figure 1. Location Map

Our ref: 8410618

October 17, 2024

Mike Cortez
District Engineer
Las Gallinas Valley Sanitary District
101 Lucas Valley Road,
San Rafael, CA 94903

Re: Terra Linda Trunk Sewer and John Duckett Pump Station Design – Amendment 01: Structural Sewer Lining, Valve and Actuator Replacement, and Crane Replacement

Dear Mr. Cortez,

At the kick-off meeting with Las Gallinas Valley Sanitary District (District) on August 6, 2024, additional project scope topics were discussed. These items were further addressed in a follow-up meeting between the District and GHD on September 4, 2024, during which the District identified the following items in the project's scope:

1. Replace the crane motors and/or the whole crane as it has exceeded useful life. Evaluate structural upgrades to extend useful life of new crane.
2. Replace the valves, actuators, and pump discharge piping up to the header.
3. Rehabilitate the gravity sewer across the creek and freeway crossings.

Regarding Item 3, because the condition of the current sewer is unclear, CCTV inspections must be performed on all sections being considered for lining. This will help determine whether the existing pipe can support a structural liner and whether any spot repairs are necessary.

GHD would like to request an amendment for the following scope changes:

- Increase the *Task 1 – Project Coordination* budget to include project management and coordination for an additional one month to assess the feasibility of installing a structural liner in the trunk sewer.
- Increase the *Task 2 – Conceptual Design* budget to add cleaning and CCTV of the trunk sewer from the John Duckett Pump Station to the nearest manhole upstream of the freeway crossing. This task will include reviewing the CCTV inspection provided by our sub-consultant, Subtronic Corporation, evaluating the feasibility of structural liner installation, determining if any spot repairs to the pipeline are needed, and providing conceptual design drawings. This task will also include conceptual design for the replacement of the crane and the valves, actuators, and pump discharge piping up to the header. The conceptual design will include a draft and final technical memorandum that evaluates and selects a preferred lining method for the trunk sewer.
- Increase the *Task 5, 7, 8, and 9 – 60%, 90%, Final Design, and Bid Support Services* budgets to cover the designs of the crane replacement, replacement of the valve, actuator, and discharge side of the pumps, and design of the sewer lining.

The following assumptions are included as part of this amendment request:

- The existing trunk sewer has sufficient hydraulic capacity to accommodate the diameter reduction from structural lining. The scope of work does not include hydraulic modeling.
- The District is responsible for obtaining a permit(s) from Caltrans for the freeway crossing. The District is also responsible for obtaining a permit from the City of San Rafael, if necessary, for access to the work area west of Highway 101.
- District staff will provide access to the pipeline in question via upstream and downstream manholes for both the CCTV inspection and liner installation. This may include coordination with property owners on both sides of Highway 101 and obtaining temporary easement(s) to facilitate the work.
- District is responsible for management of flows during CCTV activities.
- District will provide preferred manufacturers for valves and actuators, as well as the preferred pipe material for the pump discharge piping.
- Task 3 – Environmental Technical Studies and Task 4 – CEQA Compliance will remain included in the scope. Should lining the sewer prove unfeasible, necessitating an alternative method.
- Currently, there are no changes being made to Task 10 – Construction Support Services. GHD will reassess the budget for Task 10 when the project reaches the 90% design phase and the scope of the final project is more clearly defined.

The costs are summarized in the table below and a detailed fee sheet is included in **Attachment 1**.

Table 1.1 Amendment Request by Task

| | Current Budget | Amendment Request | New Budget |
|----------------|-----------------------|--------------------------|-------------------|
| Task 1 | \$27,349 | \$1,587 | \$28,936 |
| Task 2 | \$16,752 | \$34,737 | \$51,489 |
| Task 3 | \$69,424 | \$0 | \$69,424 |
| Task 4 | \$82,724 | \$0 | \$82,724 |
| Task 5 | \$45,611 | \$19,995 | \$65,606 |
| Task 6 | \$48,999 | \$0 | \$48,999 |
| Task 7 | \$43,136 | \$19,536 | \$62,672 |
| Task 8 | \$14,020 | \$11,111 | \$25,131 |
| Task 9 | \$8,169 | \$2,404 | \$10,573 |
| Task 10 | \$40,607 | \$0 | \$40,607 |
| Task 11 | \$10,581 | \$0 | \$10,581 |
| Task 12 | \$22,342 | \$0 | \$22,342 |
| Total | \$429,711 | \$89,371 | \$519,082 |

The project schedule has been adjusted from what was initially proposed. The table below provides the updated project schedule.

Table 1.2 *Project Schedule*

| Milestone | Proposed Timeline |
|---|---|
| Amendment Notice-to-Proceed (NTP) | November 2024 |
| CCTV Field Work | 1 Week from District Obtaining Permits and Access Permissions |
| Conceptual Design with Draft Lining Evaluation TM | 12 Weeks from CCTV Field Work |
| Conceptual Design Review Meeting | 2 Weeks from Conceptual Design Submittal |
| Final Lining Evaluation TM | 2 Weeks from Conceptual Design Review Meeting |
| Environmental Technical Studies | 4 Months from CCTV Field Work |
| CEQA Compliance | 24 Weeks from CCTV Field Work |
| 60% Design Submittal | 8 Weeks from Conceptual Design Review Meeting |
| 60% Design Review Meeting | 2 Weeks from 60% Design Submittal |
| Environmental Permitting | 40 Weeks from 60% Design Review Meeting |
| 90% Design Submittal | 4 Weeks from Environmental Permitting |
| 90% Design Review Meeting | 2 Weeks from 90% Design Submittal |
| Final Design Submittal | 4 Weeks from 90% Design Review Meeting |
| Final Design Review Meeting | 2 Weeks from Final Design Submittal |
| Bid Advertisement ¹ | 2 Months from Final Design Submittal |
| Bid Opening | 4 Weeks from Bid Advertisement |
| Equipment Procurement ² | 15 Months |
| Construction | 6 Months once all equipment is procured |

1. 2-month allowance included for board approval
2. Lead times for electrical equipment are approximately 1 year

Should the District have any questions or concerns, do not hesitate to reach out to Dmitriy Shimberg by phone at 415-296-2051 or via email at dmitriy.shimberg@ghd.com.

Regards,



Dmitriy Shimberg, PE
Project Manager

+1 415 296-2051
dmitriy.shimberg@ghd.com

Attachment 1

Fee Estimate



Terra Linda Trunk Sewer and John Duckett Pump Station Design

8410618

| Description | Project Director | QA/QC | Project Manager | Project Engineer | Staff Engineer | Lining Lead | Structural Lead | Structural CAD | Environmental | CAD Oversight | Environmental | Permitting | Sr. Biologist | Biologist | Botany and Wetlands | CEQA | GIS | Admin | Electrical Lead | Electrical Engineer | Total Hours | Labor Total | Subs | Subtronic | Subs Markup | Total Subs | Mileage and Travel | Disb. Fee | Total Disb. | Estimated Project Total | |
|--|------------------|----------------|-----------------|----------------------|---------------------|---------------|-----------------|----------------|---------------|---------------|-----------------|------------|------------------|----------------|---------------------|---------------------|-------------|---------|-----------------|---------------------|-------------|-------------|----------|-----------|-------------|------------|--------------------|-----------|-------------|-------------------------|----------|
| | Casey Raines | Matt Winkelman | Dmitry Shimberg | Lawrence Downs - TBD | Kellen Hauser - TBD | Pedro Alvarez | James Pan | Mauricio Ortiz | Andrea Hilton | Jim Bruce | Kristine Gaspar | Sam Moose | Stephen Peterson | Miles Hartnett | Kolby Lundgren | Christian Hernandez | Jesse Lopez | TBD | Rick Guggiana | Becca Keating | | | | | | | | | | | |
| | \$302 | \$400 | \$251 | \$209 | \$149 | \$272.0 | \$272.0 | \$226.0 | \$272 | \$243 | \$272 | \$209 | \$272 | \$209 | \$209 | \$170 | \$200 | \$166 | \$302 | \$170 | | | | | | | | | | | |
| Task1 Project Coordination | 6 | 6 | 58 | 4 | 0 | 2 | 0 | 0 | 16 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 111 | \$27,964 | \$0 | \$0 | \$0 | \$0 | \$250 | \$722 | \$972 | \$28,936 | |
| Subtask 1.1 Project Management | 4 | 4 | 44 | 0 | 0 | 0 | 0 | 0 | 2 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 69 | \$16,886 | \$0 | \$0 | \$0 | \$0 | \$0 | \$449 | \$449 | \$17,335 | |
| Subtask 1.2 Quality Management and Meetings | 2 | 2 | 14 | 4 | 0 | 2 | 0 | 0 | 14 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | \$11,078 | \$0 | \$0 | \$0 | \$0 | \$250 | \$273 | \$523 | \$11,601 | |
| Task2 Conceptual Design | 2 | 2 | 4 | 24 | 30 | 16 | 16 | 10 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 18 | 162 | \$37,464 | \$0 | \$11,280 | \$1,692 | \$12,972 | \$0 | \$1,053 | \$1,053 | \$51,489 | |
| Subtask 2.1 Conceptual Design Drawings | 2 | 2 | 4 | 24 | 30 | 16 | 16 | 10 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 18 | 162 | \$37,464 | \$0 | \$11,280 | \$1,692 | \$12,972 | \$0 | \$1,053 | \$1,053 | \$51,489 | |
| Task3 Environmental Technical Studies | 0 | 0 | 4 | 0 | 8 | 0 | 0 | 0 | 10 | 0 | 1 | 0 | 24 | 48 | 126 | 0 | 32 | 4 | 0 | 0 | 257 | \$55,146 | \$9,050 | \$0 | \$1,358 | \$10,408 | \$2,200 | \$1,671 | \$3,871 | \$69,424 | |
| Subtask 3.1 Aquatic Resources Delineation | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 12 | 0 | 0 | 0 | 69 | \$14,487 | \$0 | \$0 | \$0 | \$0 | \$0 | \$449 | \$449 | \$14,936 | |
| Subtask 3.2 Botanical Surveys and Sensitive Natural Community Techn Memo | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 76 | 0 | 12 | 0 | 0 | 0 | 93 | \$19,377 | \$0 | \$0 | \$0 | \$0 | \$1,200 | \$605 | \$1,805 | \$21,182 | |
| Subtask 3.3 Biological Resources Report | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 24 | 48 | 126 | 0 | 8 | 0 | 0 | 0 | 85 | \$19,253 | \$0 | \$0 | \$0 | \$0 | \$1,000 | \$553 | \$1,553 | \$20,806 | |
| Subtask 3.4 Cultural Resources Investigation | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 10 | \$2,029 | \$9,050 | \$0 | \$1,358 | \$10,408 | \$0 | \$65 | \$65 | \$12,502 | |
| Task4 CEQA Compliance | 0 | 0 | 19 | 0 | 16 | 0 | 0 | 0 | 48 | 0 | 4 | 124 | 0 | 10 | 0 | 152 | 24 | 0 | 0 | 0 | 397 | \$79,943 | \$0 | \$0 | \$0 | \$0 | \$200 | \$2,511 | \$2,711 | \$82,724 | |
| Subtask 4.1 CEQA Kickoff Meeting and Project Description | 0 | 0 | 4 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 16 | 8 | 0 | 0 | 0 | 0 | 32 | \$6,166 | \$0 | \$0 | \$0 | \$0 | \$0 | \$208 | \$208 | \$6,374 | |
| Subtask 4.2 Admin Draft ISMND and Review Meeting | 0 | 0 | 6 | 0 | 4 | 0 | 0 | 0 | 22 | 0 | 2 | 72 | 0 | 10 | 0 | 84 | 8 | 0 | 0 | 0 | 208 | \$41,648 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,352 | \$1,352 | \$43,000 | |
| Subtask 4.3 Screen Check Draft ISMND | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 8 | 0 | 0 | 20 | 0 | 0 | 0 | 16 | 4 | 0 | 0 | 0 | 0 | 52 | \$10,676 | \$0 | \$0 | \$0 | \$0 | \$0 | \$338 | \$338 | \$11,014 |
| Subtask 4.4 Noticing and Circulation | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 13 | \$2,495 | \$0 | \$0 | \$0 | \$0 | \$0 | \$85 | \$85 | \$2,580 |
| Subtask 4.5 Public Review Draft ISMND | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 16 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 31 | \$6,341 | \$0 | \$0 | \$0 | \$0 | \$0 | \$202 | \$202 | \$6,543 |
| Subtask 4.6 District Review Draft Final ISMND | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 8 | 0 | 0 | 8 | 0 | 0 | 0 | 8 | 4 | 0 | 0 | 0 | 0 | 31 | \$6,557 | \$0 | \$0 | \$0 | \$0 | \$0 | \$202 | \$202 | \$6,759 |
| Subtask 4.7 Final ISMND, Public Meetings, NOD | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 2 | 4 | 0 | 2 | 8 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 30 | \$6,060 | \$0 | \$0 | \$0 | \$0 | \$200 | \$195 | \$395 | \$6,455 | |
| Task5 60% Design | 4 | 20 | 18 | 32 | 56 | 6 | 32 | 12 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 40 | 272 | \$63,838 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,768 | \$1,768 | \$65,606 | | |
| Subtask 5.1 60% Design Drawings | 4 | 16 | 8 | 20 | 40 | 2 | 24 | 12 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 40 | 206 | \$47,948 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,339 | \$1,339 | \$49,287 | |
| Subtask 5.2 60% Design Specifications | 0 | 4 | 10 | 12 | 16 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 66 | \$15,890 | \$0 | \$0 | \$0 | \$0 | \$0 | \$429 | \$429 | \$16,319 | |
| Task6 Environmental Permitting | 0 | 2 | 18 | 0 | 18 | 0 | 0 | 0 | 16 | 0 | 0 | 120 | 0 | 0 | 36 | 0 | 12 | 0 | 0 | 0 | 222 | \$47,356 | \$0 | \$0 | \$0 | \$0 | \$200 | \$1,443 | \$1,643 | \$48,999 | |
| Subtask 6.1 Agency Pre-Permitting Coordination | 0 | 2 | 4 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | \$5,698 | \$0 | \$0 | \$0 | \$0 | \$200 | \$156 | \$356 | \$6,054 | |
| Subtask 6.2 CDFW Lake & Streambed Alteration Agreement | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | \$10,468 | \$0 | \$0 | \$0 | \$0 | \$0 | \$325 | \$325 | \$10,793 | |
| Subtask 6.3 US Army Corp of Engineers NWP 58 | 0 | 0 | 4 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 42 | \$8,916 | \$0 | \$0 | \$0 | \$0 | \$0 | \$273 | \$273 | \$9,189 | |
| Subtask 6.4 SF Bay RWQCB 401 Water Quality Certification | 0 | 0 | 4 | 0 | 6 | 0 | 0 | 0 | 4 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 54 | \$11,310 | \$0 | \$0 | \$0 | \$0 | \$0 | \$351 | \$351 | \$11,661 | |
| Subtask 6.6 Revegetation and Monitoring Plan | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 4 | 0 | 0 | 6 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 | 52 | \$10,964 | \$0 | \$0 | \$0 | \$0 | \$0 | \$338 | \$338 | \$11,302 | |
| Task7 90% Design | 2 | 13 | 16 | 18 | 58 | 6 | 30 | 12 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 48 | 264 | \$60,956 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,716 | \$1,716 | \$62,672 | | |
| Subtask 7.1 90% Design Drawings | 2 | 8 | 6 | 8 | 30 | 2 | 24 | 12 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 40 | 170 | \$39,158 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,105 | \$1,105 | \$40,263 | |
| Subtask 7.2 90% Design Specifications | 0 | 4 | 8 | 6 | 18 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 54 | \$12,800 | \$0 | \$0 | \$0 | \$0 | \$0 | \$351 | \$351 | \$13,151 | |
| Subtask 7.3 90% Construction Cost Estimate | 0 | 1 | 2 | 4 | 10 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 8 | 40 | \$8,998 | \$0 | \$0 | \$0 | \$0 | \$0 | \$260 | \$260 | \$9,258 | |
| Task8 Final Design | 2 | 7 | 12 | 9 | 22 | 3 | 19 | 8 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 10 | 104 | \$24,455 | \$0 | \$0 | \$0 | \$0 | \$0 | \$676 | \$676 | \$25,131 | |
| Subtask 8.1 Final Design Drawings | 2 | 4 | 4 | 4 | 14 | 1 | 16 | 8 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 8 | 69 | \$16,102 | \$0 | \$0 | \$0 | \$0 | \$0 | \$449 | \$449 | \$16,551 | |
| Subtask 8.2 Final Design Specifications | 0 | 2 | 4 | 4 | 6 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 21 | \$4,954 | \$0 | \$0 | \$0 | \$0 | \$0 | \$137 | \$137 | \$5,091 | |
| Subtask 8.3 Final Construction Cost Estimate | 0 | 1 | 4 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 14 | \$3,399 | \$0 | \$0 | \$0 | \$0 | \$0 | \$91 | \$91 | \$3,490 | |
| Task9 Bid Support Services | 3 | 1 | 8 | 2 | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 16 | 45 | \$10,280 | \$0 | \$0 | \$0 | \$0 | \$0 | \$293 | \$293 | \$10,573 | | |
| Subtask 9.1 Bid Support Services | 2 | 0 | 6 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 17 | \$4,429 | \$0 | \$0 | \$0 | \$0 | \$0 | \$111 | \$111 | \$4,540 | |
| Subtask 9.2 Conformed Plans and Specifications | 1 | 1 | 2 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 16 | 28 | \$5,851 | \$0 | \$0 | \$0 | \$0 | \$0 | \$182 | \$182 | \$6,033 | |
| Task10 Construction Support Services | 2 | 1 | 18 | 24 | 76 | 0 | 0 | 0 | 12 | 8 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 16 | 24 | 197 | \$39,326 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,281 | \$1,281 | \$40,607 | | |
| Subtask 10.1 Construction Support Services | 1 | 1 | 16 | 24 | 60 | 0 | 0 | 0 | 12 | 4 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 16 | 166 | \$33,806 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,079 | \$1,079 | \$34,885 | |
| Subtask 10.2 Record Drawings | 1 | 0 | 2 | 0 | 16 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 31 | \$5,520 | \$0 | \$0 | \$0 | \$0 | \$0 | \$202 | \$202 | \$5,722 | |
| Task11 Community Engagement | 2 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 38 | \$10,084 | \$0 | \$0 | \$0 | \$0 | \$250 | \$247 | \$497 | \$10,581 | |
| Subtask 11.1 Community Engagement | 2 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 38 | \$10,084 | \$0 | \$0 | \$0 | \$0 | \$250 | \$247 | \$497 | \$10,581 | |
| Task12 Design Contingency | 2 | 2 | 4 | 8 | 32 | 0 | 0 | 0 | 8 | 0 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 8 | 24 | 108 | \$21,640 | \$0 | \$0 | \$0 | \$0 | \$0 | \$702 | \$702 | \$22,342 | | |
| Subtask 12.1 Design Contingency | 2 | 2 | 4 | 8 | 32 | 0 | 0 | 0 | 8 | 0 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 24 | 108 | \$21,640 | \$0 | \$0 | \$0 | \$0 | \$0 | \$702 | \$702 | \$22,342 | |
| Total Labor Hours | 25 | 58 | 187 | 121 | 320 | 34 | 99 | 42 | 124 | 44 | 13 | 268 | 24 | 58 | 162 | 160 | 68 | 23 | 167 | 180 | 2177 | \$478,452 | \$9,050 | \$11,280 | \$3,050 | \$23,380 | \$3,100 | \$14,151 | \$17,251 | \$519,082 | |
| Estimated Project Total | \$7,550 | \$23,200 | \$46,937 | \$25,289 | \$47,680 | \$9,248 | \$26,928 | \$9,492 | \$33,728 | \$10,692 | \$3,536 | \$56,012 | \$6,528 | \$12,122 | \$33,858 | \$27,200 | \$13,600 | \$3,818 | \$50,434 | \$30,600 | \$478,452 | \$9,050 | \$11,280 | \$3,050 | \$23,380 | \$3,100 | \$14,151 | \$17,251 | \$519,082 | | |



Item Number 3E

GM Review CP

Agenda Summary Report

To: Board of Directors
From: Michael P. Cortez, PE, District Engineer
 (415) 526-1518; mcortez@lqvsd.org
Mtg. Date: November 7, 2024
Re: Award of Contract for Rafael Meadows Pump Station Fencing Improvements
Item Type: Consent Action Information Other
Standard Contract: Yes No (See attached) Not Applicable

STAFF RECOMMENDATION

Board to approve the award of contract to Dryco Construction, Inc. for the Rafael Meadows Pump Station Fencing Improvements project in the amount of \$294,391.

BACKGROUND

On October 10, 2024, the District opened bids for the Rafael Meadows Pump Station Fencing Improvements project and Dryco Construction, Inc. was the apparent low bidder. The project provides for the installation of 650 lineal feet of 7'-high "High Security" fencing (Ameristar Impasse Type II) along the full perimeter (property lines) of the pump station, including one (1) 16'-wide motorized rolling gate and one (1) 10'-wide manual double swing gate. Staff reviewed the bids and determined that Dryco is a responsive and responsible bidder.

Included as alternates are Bid Alternate 1 for 440 lineal feet of partial perimeter fencing with Ameristar high security fencing and Bid Alternate 2 for 650 lineal feet of full perimeter fencing with vinyl-coated chain link fence with anti-intruder barbed wire. Staff evaluated the options and considered the Base Bid most cost-effective based on previous fencing projects at the plant and given the history of fencing vandalism at the pump station.

The bid results are as follows:

| | <u>Bidder</u> | <u>Base Bid</u> | <u>Bid Alternate 1</u> | <u>Bid Alternate 2</u> |
|----|------------------------------|-----------------|------------------------|------------------------|
| 1. | Dryco Const., Inc. (Fremont) | \$294,391 | \$234,392 | \$149,743 |
| 2. | SCC Electric Inc. (Novato) | \$495,000 | \$432,000 | \$409,350 |

PREVIOUS BOARD ACTION

N/A

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

The bid price of \$294,391 exceeds the current CIP project budget of \$150,000 for FY 2024-25. The shortfall of \$144,391 will be covered by the excess budget for the Reclamation Pump Station Improvements project.



Figure 1. Rafael Meadows Pump Station Approximate Boundary



Figure 2. Model Impasse II Gauntlet Fence by Ameristar

11/7/2024

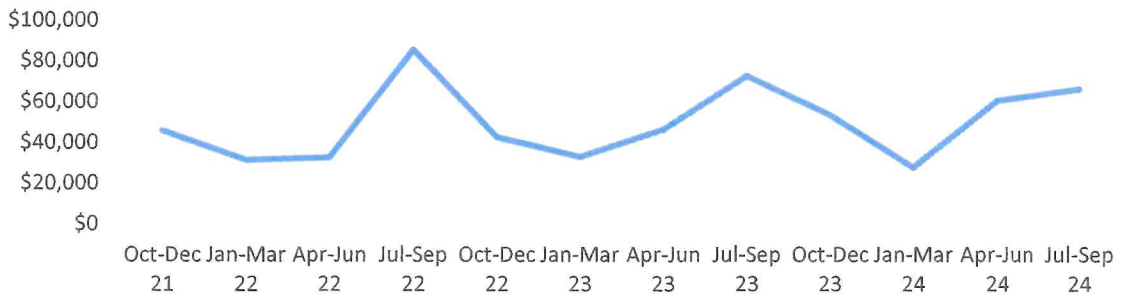
General Manager Report

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

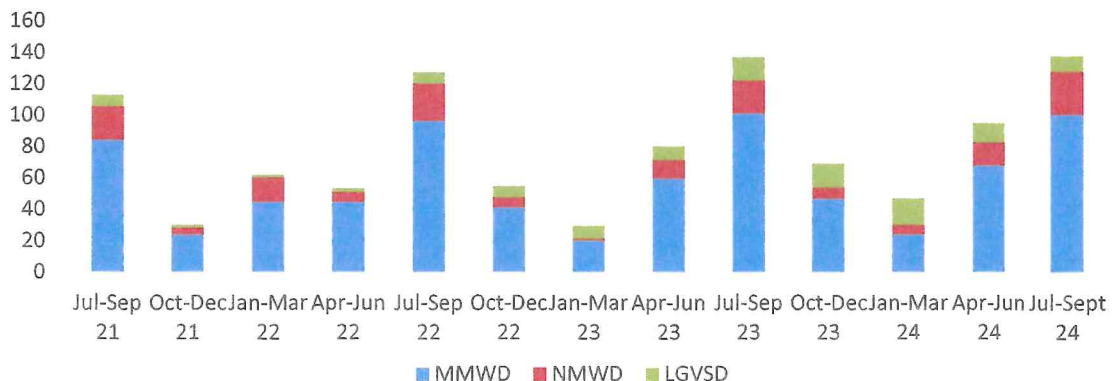
FINANCE

- Project account renumbering project started with the goal to improve financial reporting. Anticipated completion before mid-year budget report presentation.
- Sewer Service Charge assessments in the amount of \$19,311,611 submitted to Marin County on August 7 for placement on the property tax rolls.
- Audit prep for fiscal year 2023-2024 engagement picked up after August 15. Requested supporting documents provided to Nigro & Nigro.
- GASB (Government Accounting Standards Board) Statement No. 68 pension cost sharing report for the District’s plans liabilities and expenses completed August 27.
- GASB Statement No. 75 Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions (health insurance) completed September 3.
- OPEB Actuarial Valuation and CalPERS CERBT Fiscal Year-End Reporting completed.
- Recycled water billing through June completed in July. Recycled water Operation & Maintenance expenses are billed quarterly to Marin Water (MMWD) and North Marin Water District (NMWD) based on their proportional share of recycled water received from LGVSD. For the quarter ending September 30, recycled water expenditures of \$48,293 was recovered from MMWD and \$13,241 was recovered from NMWD.

Recycled Water Total O&M Expenses



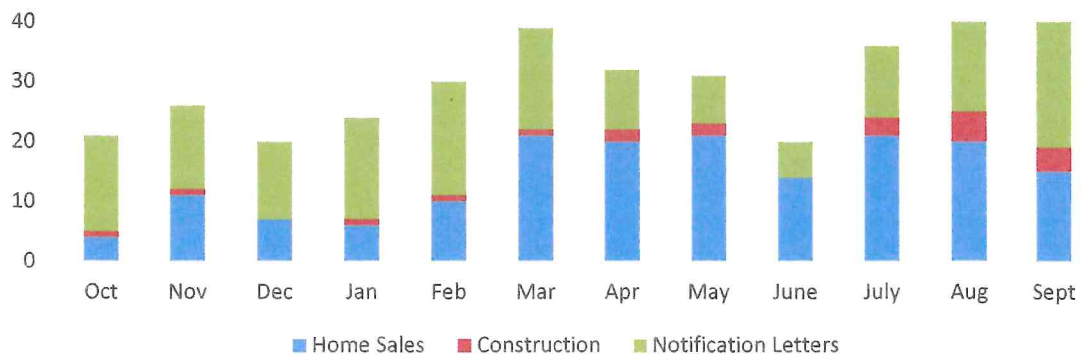
Total Gallons Delivered (Million)



ADMINISTRATION

- Alliant Mobile Vehicle Program (AMVP) Coverage Renewal for 2024-2025 confirmed.
- Incidental CSRMA deductible recovery invoices in the amount of \$168.40 for prior year damage claims paid. Ford F250 accident claim for incident on January 13, 2023 closed out and insurance claim review of California River Watch settlement from 2022 completed.
- Insurance claim filed for theft of tools and equipment on July 15 from vehicle and Conex box at the treatment plant corporation yard.
- Multi-Jurisdictional Local Hazard Mitigation Plan 2023 and the LGVSD annex completed and adopted on September 19.
- 2024 California Hazard Mitigation Grant Program technical assistance webinar series related to the Building Resilient Infrastructure & Communities (BRIC) and Flood Mitigation Assistance (FMA) programs attended by staff throughout August and September. Individual BRIC not pursued in this funding round.
- Regional BRIC grant for planning and public outreach on Sea Level Rise Adaptation Vision being pursued by North Bay Water Reuse Authority (NBWRA), with LGVSD supporting filing of Notice of Intent by October 15 deadline.
- System for Award Management (SAM) renewal registration completed in September.
- Municipal Service Review (MSR) Questionnaire received from Marin LAFCo in September. Staff began completing the questionnaire to be used in the development of Las Gallinas Valley Sanitary District’s MSR.
- A total of five Board meetings, including one special meeting, were held during this three-month period.
- Sewer Lateral Inspection Program activity remained steady during the spring months. Administration support was provided on 68 inspection applications between July 1 and September 30. Of these, 56 were triggered by home sales and 12 were initiated by construction permits. There were 46 notification letters mailed to property owners who have pulled building construction permits with the County and City of San Rafael advising them of their requirement to have their sewer inspected over the last 3 months.

Sewer Lateral Video Inspection Activity



- The Sewer Lateral Replacement Program, created in 2012, continues to provide an option to homeowners interested in payment assistance for their private sewer lateral replacement. There are 94 property owners currently participating in the program, including 4 additional contractual assessment applications received this quarter. The program is holding steady with homeowners who began the program 10 years ago paying off their assessment balanced against new homeowners who are just beginning to take advantage of the program. A total of 19 release of lien assessments were filed with the County this quarter for homeowners who completed the program.
- Low-Income Sewer Rate Assistance Program (LISRAP) re-enrollment letters mailed to homeowners required to re-enroll in the program resulted in 13 renewals. In addition, there were 2 new applications received this quarter, bringing the total number of residents participating in the program to 39.

HUMAN RESOURCES

- Personnel Policies and Procedures manual updated to reflect legislative changes.
- Recruitment for vacant Electrical Instrumentation Technician and Skilled Maintenance Worker positions undertaken. Offers made to two individuals.
- Labor Management Committee met on August 28.
- CPS HR Consulting continues to provide Human Resource support to the District.
 - a. Weekly meetings held with Cheri Fairchild, CPS HR Project Coordinator, to discuss ongoing HR issues.
 - b. Feedback to management provided on specific HR issues.

SOLID WASTE and SB 1383 ORGANIC RECYCLING

- Kick off meeting with Tamalpais Community Services District on regional SB 1383 Local Assistance Grant held on July 11.
- CalRecycle's 2023 Electronic Annual Report (EAR) regarding SB 1383 compliance submitted July 24.
- Marin Sanitary Service annual report for 2023 presented to the Board on August 15.

TRAINING

- Marin Emergency Operations Center (EOC) Intermediate Finance and Administration training attended by staff on July 24 and 25.
- The Future is Now – Embracing Generational Diversity and Succession Planning online seminar attended by staff on August 21.
- 5 Dysfunctions of A Team Training by FutureSense for management held on August 23.
- Thompson Grants Forum: State and Local webinars attended on September 10 and 11.

CONTRACTS / REQUEST FOR PROPOSALS

Contracts executed between July 1 and September 30 listed below:

| <u>Vendor Name</u> | <u>Description</u> | <u>Manager</u> | <u>Date of Agreement</u> | <u>Term End Date</u> | <u>Contract Amount</u> |
|--|---|----------------|--------------------------|----------------------|------------------------|
| Ethosoft | LIMS Software for TMI Reporting | Liebmann | 7/2/2024 | 6/30/2025 | \$50,400 |
| Preparative Consulting | Emergency Management and Business Continuity Plan Amendment #2 - Extending contract date only | Pease | 7/3/2024 | 12/31/2024 | N/A |
| Regional Government Services Authority | Finance Management Services | McDonald | 9/19/2024 | 6/30/2025 | \$59,600 |


PENDING AGENDA ITEM REQUESTS – STATUS REPORT

| # | Item Description | Date | Responsible | Status / Notes |
|----|--|-----------|-------------|-----------------------|
| 1 | Public Use of Reclamation Area | 1/6/2022 | Dale | Revise Ordinance |
| 2 | Electrical Vehicle Study | 6/16/2022 | Curtis | Develop Scope of Work |
| 3 | Diversity, Equity, Inclusion Policy | 3/2/2023 | Dale | Develop |
| 4 | Emergency Preparedness | 3/2/2023 | Greg | Presentation to Board |
| 5 | PSL Contractual Assessment Increase | 5/18/2023 | Dale | Revise Ordinance |
| 6 | Real Property Administration - Easements | 9/21/2023 | Mike | Develop |
| 7 | Capital Funding Carryover Policy | 5/6/2024 | Dale | Develop with Budget |
| 8 | Accessory Dwelling Units sq. ft. limitation review | 10/3/2024 | Mike | Ordinance revision |
| 9 | Solar Array Plans | 10/3/2024 | Mike | Presentation to Board |
| 10 | Artificial Intelligence (AI) Policy | 10/3/2024 | Dale | Develop policy |



Item Number 4.3
GM Review CP

Agenda Summary Report

To: Board of Directors
From: Dale McDonald, Administrative Services Manager 
(415) 526-1519 dmcdonald@lqvsd.org
Meeting Date: November 7, 2024
Re: Quarterly Treasurer’s & Financial Reports as of September 30, 2024
Item Type: Consent _____ Action _____ Information X Other _____
Standard Contract: Yes _____ No _____ (See attached) Not Applicable X .

STAFF RECOMMENDATION

Receive the Treasurer’s and Financial reports for the quarter ending September 30, 2024.

BACKGROUND

Board Policy F-20-10, Financial Reporting, and Board Policy F-70-120, Investment Reporting, require that quarterly reports be submitted to the Board. It is prudent and beneficial to present these reports to the Board at the same time.

TREASURER’S REPORT

Pursuant to the State of California Government Code Section 56300, the District’s investment policy adopted on July 21, 2022, and industry best practices, staff has prepared a quarterly treasurer’s report as of September 30, 2024. The attached report includes bank and investment accounts managed by the District.

As specified in California Government Code Section 53646(e), if all funds are placed in the State of California Local Agency Investment Fund (LAIF), in accounts insured or guaranteed pursuant to Section 14858 of the Financial Code, FDIC-insured accounts and/or in a county investment pool, the reporting elements may be replaced by copies of the latest statements from such institutions.

The District maintains two debt reserve funds, equal to one year’s debt service for the State Revolving Fund and Bank of Marin loans. The quarterly account statements for the two Bank of Marin Certificates of Deposit accounts are included as part of this Treasurer’s Report.

The District diversified from its primary investment account, LAIF, in January 2024. Two additional pooled investment accounts, California Cooperative Liquid Assets Security System (California CLASS) and California Asset Management Program (CAMP), were established in December 2023. Below are the investment summaries for the quarter ending September 30, 2024:

- LAIF interest rate was 4.71%, up from 4.55% in June. Quarterly interest earned from LAIF was **\$22,057.92** which was deposited into our account on October 15. The most recent LAIF Remittance Advice statement from the California State Controller’s Office is attached.



- California CLASS average monthly yield as of September 30 was 5.2597%, down from 5.4006% at the end of the prior quarter. Interest dividend reinvestment is reported monthly. Total interest earned in the quarter was **\$69,086**. Attached are the account summary pages from the monthly California CLASS statements this quarter.
- CAMP monthly distribution yield as of September 30 was 5.29%, down from 5.43% at the end of the prior quarter. Total dividend and income earned in the quarter was **\$214,122**. Attached are the account detail pages from the monthly CAMP statements this quarter. Restricted reserves of **\$15,724,308** are held in CAMP.

Total investments of **\$21,222,280** are held in the District's investment accounts and two restricted debt service accounts, which reflect a decrease of **\$35,168** over the previous twelve months.

The District's investments comply with its investment policy and the District has sufficient funds available to meet its obligations for the next six months.

Balance Statement

As of September 30, 2024, the District holds a total of **\$26,135,772** in cash and investments, reflecting an increase of **\$673,450** compared to September 30, 2023. The operating account balance fluctuates throughout the year based on the District's operational needs, making it common for the balance to shift from quarter to quarter or year to year.

The District's cash balance has been designated for the following specific uses:

- **Reserves:** \$15,724,308 in accordance with the District's reserve policy.
- **Connection Fees:** \$1,086,771, available exclusively for capacity-related projects.
- **Debt Service Restricted Reserve Funds:** \$914,715, as mandated by loan covenants.
- **Private Sewer Lateral Assistance Program:** \$420,878 accumulated in cash for future assistance.
- **Recycled Water Capital Repair and Replacement Fund:** \$14,585 for future capital repairs at the Recycled Water Treatment Facility.
- **Special Assessment Funds:** \$14,109 for the Marin Lagoon pump station and \$3,036 for the Captains Cove pump station's operation and maintenance.

The remaining cash balance of **\$7,957,370** will cover operating and capital expenditures through mid-December. The District anticipates receiving approximately **\$21 million** in Sewer Use Charge and Property Tax revenue from the Marin County Assessor's Office on December 16, 2024.

QUARTERLY FINANCIAL REPORT

In alignment with District policy for fiscal management and public agency accountability, staff are required to provide the Board of Directors with regular, transparent financial updates. A quarterly financial report ensures that the Board remains well-informed about the District's fiscal health, offering an opportunity to review financial performance against the adopted budget.



The attached Budget Worksheet summarizes revenue and expenditure actuals for the 1st quarter of the current fiscal year through September 30, 2024. This report compares actual figures with the full fiscal year 2024-25 adopted budget, providing a snapshot of our current financial position.

General Fund revenue and expenditures are reported under Fund Accounts 10-xxx-xxxx, with expenses broken down by department to allow management and the Board to review the performance of each department independently. This level of detail allows for better financial oversight and targeted decision-making.

General Fund (10-xxx-xxxx) Summary:

- **Revenue:** xx-300-xxxx
- **Operating Expenses by Department:**
 - Administration: xx-400-xxxx
 - Engineering: xx-420-xxxx
 - Board of Directors: xx-440-xxxx
 - Collection System: xx-460-xxxx
 - Maintenance: xx-480-xxxx
 - Pump Station: xx-500-xxxx
 - Laboratory: xx-560-xxxx
 - Reclamation: xx-580-xxxx
 - Plant: xx-600-xxxx
- **Nondepartmental Expenses** such as contributions and debt service are reported under xx-670-xxxx and xx-699-xxxx, respectively. All required debt service payments this quarter have been paid.
- **Capital Projects** (xx-700-xxxx to xx-900-xxxx) are assigned their own account number and include expenditures on planning, design, software, collections, pump stations, reclamation, treatment plant improvements, and sludge pond management. Monitoring these accounts ensures that long-term infrastructure investments are progressing as planned.

Restricted Funds are also included in the Budget Worksheet under separate fund accounts for Marin Lagoon (20-xxx-xxxx), Captain's Cove (30-xxx-xxxx), Connection Fee (40-xxx-xxxx), and Recycled Water (60-xxx-xxxx). These funds are designated for specific purposes and must be tracked and managed in accordance with applicable legal requirements.

SUMMARY

Regular review of financial reports is essential for public agencies to ensure financial accountability, transparency, and sustainable fiscal management. These reports help provide a picture of the District's financial health, allowing both management and the Board to make informed decisions.



Key reasons for reviewing financial reports include:

1. **Promote Financial Accountability:** Financial reports allow the Board and staff to monitor expenditures, revenues, and the allocation of resources. This helps to ensure that public funds are spent in accordance with approved budgets and legal requirements.
2. **Inform Decision-Making:** Timely and accurate financial reports provide critical data that guide policy decisions, budgeting adjustments, and long-term planning. This ensures that decisions are based on the most current financial information available.
3. **Ensure Compliance with Legal and Regulatory Requirements:** Many public funds, such as restricted reserves, connection fees, or grant funds, come with specific legal obligations. Reviewing financial reports ensures compliance with these requirements and helps avoid potential penalties or legal issues.
4. **Facilitate Budgetary Oversight:** Ongoing financial reporting helps track actual performance against budgeted expectations. This allows the agency to address variances early and reallocate funds as necessary, ensuring that the budget remains balanced.
5. **Enhance Transparency and Public Trust:** Regularly sharing financial reports with the Board and the public reinforces the agency's commitment to transparency. It builds trust with stakeholders by showing that the agency is managing public funds responsibly and is proactively communicating its financial status.

By consistently reviewing financial reports, the District ensures it can meet its operational needs, fund key projects, and maintain fiscal stability, all while upholding its commitment to accountability and transparency.

PREVIOUS BOARD ACTION

N/A

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

No impact for receiving reports.

Attachments:

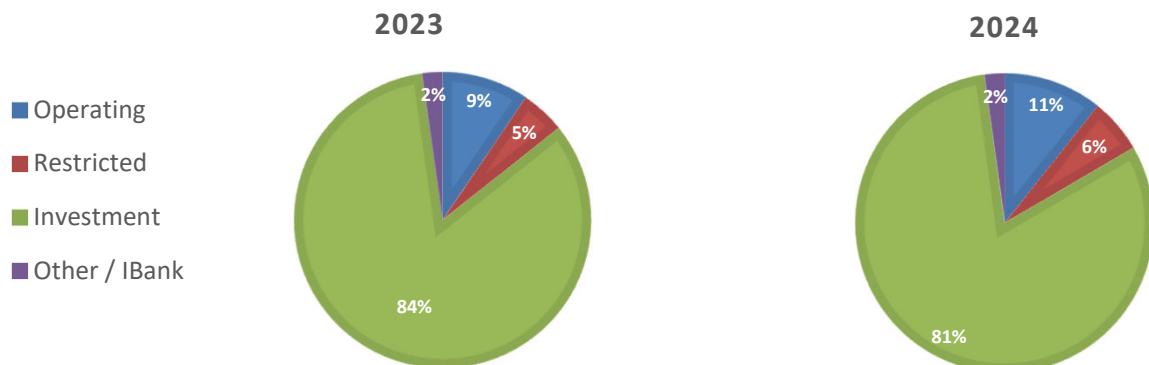
- A. Treasurer's Report – Operating and Investment Accounts as of September 30, 2024
- B. Bank of Marin Certificate of Deposit xxx679 Statement 06/30/24 – 09/30/24
- C. Bank of Marin Certificate of Deposit xxx073 Statement 06/30/24 – 09/30/24
- D. Local Agency Investment Fund xx-005 Remittance Advice for quarter ending 9/30/24
- E. California CLASS – Account Statements for July, August, and September 2024
- F. CAMP Account Statements for July, August, and September 2024
- G. Budget Worksheet – Actual to Budget Comparison - Period for 7/24 to 9/24

**Las Gallinas Valley Sanitary District
Treasurer's Report - Operating and Investment Accounts
September 30, 2024**

| I. Account Summary: Bank and Investment Accounts | September | | Change from Previous Year |
|--|----------------------|----------------------|------------------------------|
| | 2023 | 2024 | |
| Accounts Summary | | | |
| Summary of Bank and Investment Accounts | | | |
| OPERATIONS: | | | |
| Bank of Marin | | | |
| Operating Accounts | 2,180,444 | 2,568,178 | 387,734 |
| Liquid Savings | 228,012 | 237,351 | 9,339 |
| Private Sewer Lateral Rehab | 403,228 | 420,878 | 17,651 |
| Surcharge-Marin Lagoon | 10,608 | 14,109 | 3,500 |
| Surcharge-Captains Cove | 3,682 | 3,036 | (646) |
| Connection Fee | 810,286 | 1,086,771 | 276,485 |
| Capital Project Recycled Water Reserve Fund | 23 | 14,585 | 14,562 |
| Petty cash | 95 | 89 | (6) |
| Investment Accounts | | | |
| Debt Service Reserve-Recycled Water | 606,380 | 609,392 | 3,011 |
| Debt Service Reserve-SRF Loan | 303,815 | 305,324 | 1,509 |
| Local Agency Investment Fund | 20,347,853 | 1,860,017 | (18,487,835) |
| California Cooperative Liquid Assets Security System | - | 2,471,561 | 2,471,561 |
| California Asset Management Program | - | 15,976,586 | 15,976,586 |
| Cash and Investments | <u>\$ 24,894,427</u> | <u>\$ 25,567,877</u> | <u>\$ 673,450</u> |
| IBANK ISRF AGREEMENT: | \$ 567,760 | \$ 567,760 | \$ (0) |
| RESTRICTED 2017 BOND | | | |
| US Bank Bond & Cost of Issuance Funds | \$ 129 | \$ 135 | \$ 6 |
| TOTAL CASH AND INVESTMENTS | <u>\$ 25,462,316</u> | <u>\$ 26,135,772</u> | <u>\$ 673,457</u> |

II. Account Activity for Bank of Marin Accounts


Bank of Marin operating account activity is for paying regular operating expenses of the District. Funds are transferred from the Liquid Savings to the Operating account as needed.



Statement of Compliance:

The investments accounts are invested in compliance with the District's investment policy, adopted at the July 21, 2022 Board meeting and California Government Code Section 53600. In addition, the District does have the financial ability to meet its cash flow requirements for the next six months.

Prepared by: 
Dale McDonald, Administrative Services Manager

Approved by: 
Curtis Paxton, General Manager

**Bank of Marin**PO Box 2039
Novato, CA 94948-2039Account Number: xxxx-xxx679
Statement Period: 06/30/24 - 09/30/24
Page: 1 of 2**Customer Service Information** **Branch:** 415-472-2265
Touch Tone Banking: 800-654-5111 **Lost or Stolen Card:**
24 hours 7 days per week 866-626-6004 **Written Inquiries:**
496 LAS GALLINAS AVE #4
SAN RAFAEL CA 94903 **Visit us Online:** www.bankofmarin.com

00008047 BOMB1110100224090805 01 0000

LAS GALLINAS VALLEY SANITARY DISTRICT
"BANK OF MARIN DEBT RESERVE"
101 LUCAS VALLEY RD SUITE 300
SAN RAFAEL CA 94903-1795**Account Summary for PUBLIC FUNDS JMBO CDxxxx-xxx679**Total Current Balance \$609,391.52
Total Interest Year To Date \$2,255.65**Transaction Detail**

| Date | Description | Deposits | Withdrawals | Balance |
|-------|-------------------|----------|-------------|---------------------|
| 06/30 | Beginning Balance | | | \$608,633.22 |
| 07/31 | Interest | 758.30 | | 609,391.52 |
| 09/30 | Ending Balance | | | \$609,391.52 |

| | | | |
|-----------------------------|--------------|--------------------------------|----------------------|
| Deposit Number | 0000-000001 | Original Deposit Amount | \$569,178.89 |
| Principal | \$571,431.58 | Original Deposit Date | 08/01/12 |
| Current Balance | \$609,391.52 | Last Maturity Date | 08/01/20 |
| Total Interest Year To Date | \$2,255.65 | Current Term | 60 Months, renewable |
| Current Rate | 0.494% | Next Maturity Date | 08/01/25 |

Important Notice of Fee Changes

Effective November 1, 2024, we are updating fees. Please see the notice at the end of this statement for a summary of changes.





Bank of Marin

PO Box 2039
Novato, CA 94948-2039

00008050 BOMB1110100224090805 01 0000
LAS GALLINAS VALLEY SANITARY DISTRICT
101 LUCAS VALLEY RD SUITE 300
SAN RAFAEL CA 94903-1795

Account Number: xxx-xxx073
Statement Period: 06/30/24 - 09/30/24
Page: 1 of 2

Customer Service Information

Branch: 415-472-2265
Touch Tone Banking: 800-654-5111

Lost or Stolen Card:
24 hours 7 days per week 866-626-6004

Written Inquiries:
496 LAS GALLINAS AVE #4
SAN RAFAEL CA 94903

Visit us Online: www.bankofmarin.com

Account Summary for PUBLIC FUNDS JMBO CDxxx-xxx073

Total Current Balance \$305,323.86
Total Interest Year To Date \$1,130.15

Transaction Detail

| Date | Description | Deposits | Withdrawals | Balance |
|-------|-------------------|----------|-------------|---------------------|
| 06/30 | Beginning Balance | | | \$304,948.06 |
| 07/29 | Interest | 375.80 | | 305,323.86 |
| 09/30 | Ending Balance | | | \$305,323.86 |

| | | | |
|-----------------------------|--------------|--------------------------------|----------------------|
| Deposit Number | 0000-000001 | Original Deposit Amount | \$286,304.76 |
| Principal | \$286,304.76 | Original Deposit Date | 07/30/13 |
| Current Balance | \$305,323.86 | Last Maturity Date | 07/30/20 |
| Total Interest Year To Date | \$1,130.15 | Current Term | 60 Months, renewable |
| Current Rate | 0.494% | Next Maturity Date | 07/30/25 |



Important Notice of Fee Changes

Effective November 1, 2024, we are updating fees. Please see the notice at the end of this statement for a summary of changes.



MALIA M. COHEN
California State Controller

LOCAL AGENCY INVESTMENT FUND
REMITTANCE ADVICE

Agency Name LAS GALINAS VLY SANITARY DIST
Account Number xx-xx-005

As of 10/15/2024, your Local Agency Investment Fund account has been directly credited with the interest earned on your deposits for the quarter ending 09/30/2024.

| | | |
|-------------------------------|----|--------------------|
| Earnings Ratio | | .00012912073474208 |
| Interest Rate | | 4.71% |
| Dollar Day Total | \$ | 170,831,774.84 |
| Quarter End Principal Balance | \$ | 1,860,017.13 |
| Quarterly Interest Earned | \$ | 22,057.92 |



LGVSD Prime

Account Summary

Average Monthly Yield: 5.4207%

| | Beginning Balance | Contributions | Withdrawals | Income Earned | Income Earned YTD | Average Daily Balance | Month End Balance |
|------------------|-------------------|---------------|--------------|---------------|-------------------|-----------------------|-------------------|
| California CLASS | 9,247,475.40 | 0.00 | 3,845,000.00 | 34,467.24 | 281,942.64 | 7,512,135.63 | 5,436,942.64 |

Transaction Activity

| Transaction Date | Transaction Description | Contributions | Withdrawals | Balance | Transaction Number |
|------------------|------------------------------|---------------|--------------|--------------|--------------------|
| 07/01/2024 | Beginning Balance | | | 9,247,475.40 | |
| 07/18/2024 | Withdrawal | | 3,845,000.00 | | 5478 |
| 07/31/2024 | Income Dividend Reinvestment | 34,467.24 | | | |
| 07/31/2024 | Ending Balance | | | 5,436,942.64 | |



Account Statement

August 31, 2024

Page 2 of 3

Account Number:

LGVSD Prime

Account Summary

Average Monthly Yield: 5.4075%

| | Beginning Balance | Contributions | Withdrawals | Income Earned | Income Earned YTD | Average Daily Balance | Month End Balance |
|------------------|-------------------|---------------|--------------|---------------|-------------------|-----------------------|-------------------|
| California CLASS | 5,436,942.64 | 0.00 | 3,000,000.00 | 24,016.50 | 305,959.14 | 5,244,943.70 | 2,460,959.14 |

Transaction Activity

| Transaction Date | Transaction Description | Contributions | Withdrawals | Balance | Transaction Number |
|------------------|------------------------------|---------------|--------------|--------------|--------------------|
| 08/01/2024 | Beginning Balance | | | 5,436,942.64 | |
| 08/30/2024 | Withdrawal | | 3,000,000.00 | | 6040 |
| 08/31/2024 | Income Dividend Reinvestment | 24,016.50 | | | |
| 08/31/2024 | Ending Balance | | | 2,460,959.14 | |



Account Statement

September 30, 2024

Page 2 of 3

Account Number: 8-0001

LGVSD Prime

Account Summary

Average Monthly Yield: 5.2597%

| | Beginning Balance | Contributions | Withdrawals | Income Earned | Income Earned YTD | Average Daily Balance | Month End Balance |
|------------------|-------------------|---------------|-------------|---------------|-------------------|-----------------------|-------------------|
| California CLASS | 2,460,959.14 | 0.00 | 0.00 | 10,602.17 | 316,561.31 | 2,461,312.55 | 2,471,561.31 |

Transaction Activity

| Transaction Date | Transaction Description | Contributions | Withdrawals | Balance | Transaction Number |
|------------------|------------------------------|---------------|-------------|--------------|--------------------|
| 09/01/2024 | Beginning Balance | | | 2,460,959.14 | |
| 09/30/2024 | Income Dividend Reinvestment | 10,602.17 | | | |
| 09/30/2024 | Ending Balance | | | 2,471,561.31 | |



Account Statement

For the Month Ending **July 31, 2024**

Las Gallinas Valley Sanitary District - LGVSD CAMP - xxxx-01

| Trade Date | Settlement Date | Transaction Description | Share or Unit Price | Dollar Amount of Transaction | Total Shares Owned |
|------------------------|-----------------|---|---------------------|------------------------------|----------------------|
| CAMP Pool | | | | | |
| Opening Balance | | | | | 15,762,464.50 |
| 07/31/24 | 08/01/24 | Accrual Income Div Reinvestment - Distributions | 1.00 | 72,543.86 | 15,835,008.36 |
| Closing Balance | | | | | 15,835,008.36 |

| | Month of July | Fiscal YTD July-July |
|-----------------------------------|----------------------|----------------------|
| Opening Balance | 15,762,464.50 | 15,762,464.50 |
| Purchases | 72,543.86 | 72,543.86 |
| Redemptions (Excl. Checks) | 0.00 | 0.00 |
| Check Disbursements | 0.00 | 0.00 |
| Closing Balance | 15,835,008.36 | 15,835,008.36 |
| Cash Dividends and Income | 72,543.86 | 72,543.86 |

| | |
|-----------------------------------|---------------|
| Closing Balance | 15,835,008.36 |
| Average Monthly Balance | 15,764,804.62 |
| Monthly Distribution Yield | 5.43% |



Account Statement

For the Month Ending **August 31, 2024**

Las Gallinas Valley Sanitary District - LGVSD CAMP - xxxx-01

| Trade Date | Settlement Date | Transaction Description | Share or Unit Price | Dollar Amount of Transaction | Total Shares Owned |
|------------------------|-----------------|---|---------------------|------------------------------|----------------------|
| CAMP Pool | | | | | |
| Opening Balance | | | | | 15,835,008.36 |
| 08/30/24 | 09/03/24 | Accrual Income Div Reinvestment - Distributions | 1.00 | 72,623.59 | 15,907,631.95 |
| Closing Balance | | | | | 15,907,631.95 |

| | Month of August | Fiscal YTD July-August |
|-----------------------------------|----------------------|------------------------|
| Opening Balance | 15,835,008.36 | 15,762,464.50 |
| Purchases | 72,623.59 | 145,167.45 |
| Redemptions (Excl. Checks) | 0.00 | 0.00 |
| Check Disbursements | 0.00 | 0.00 |
| Closing Balance | 15,907,631.95 | 15,907,631.95 |
| Cash Dividends and Income | 72,623.59 | 145,167.45 |

| | |
|-----------------------------------|---------------|
| Closing Balance | 15,907,631.95 |
| Average Monthly Balance | 15,839,693.75 |
| Monthly Distribution Yield | 5.41% |



Account Statement

For the Month Ending **September 30, 2024**

Las Gallinas Valley Sanitary District - LGVSD CAMP - xxxx-01

| Trade Date | Settlement Date | Transaction Description | Share or Unit Price | Dollar Amount of Transaction | Total Shares Owned |
|------------------------|-----------------|---|---------------------|------------------------------|----------------------|
| CAMP Pool | | | | | |
| Opening Balance | | | | | 15,907,631.95 |
| 09/30/24 | 10/01/24 | Accrual Income Div Reinvestment - Distributions | 1.00 | 68,954.09 | 15,976,586.04 |
| Closing Balance | | | | | 15,976,586.04 |

| | Month of September | Fiscal YTD July-September |
|-----------------------------------|----------------------|---------------------------|
| Opening Balance | 15,907,631.95 | 15,762,464.50 |
| Purchases | 68,954.09 | 214,121.54 |
| Redemptions (Excl. Checks) | 0.00 | 0.00 |
| Check Disbursements | 0.00 | 0.00 |
| Closing Balance | 15,976,586.04 | 15,976,586.04 |
| Cash Dividends and Income | 68,954.09 | 214,121.54 |

| | |
|-----------------------------------|---------------|
| Closing Balance | 15,976,586.04 |
| Average Monthly Balance | 15,909,930.42 |
| Monthly Distribution Yield | 5.29% |

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|---------------------------|--------------------------------|-----------------------------------|------------------------------|-------------------------------|
| General | | | | |
| Sewer Use Charges | | | | |
| 10-310-4110 | SSC Special Assessment-Current | 175,677.06 | 19,596,010.00 | .90 |
| 10-310-4115 | Sewer Service Chrg Direct Bill | 2,320.00 | 1,275,000.00 | .18 |
| 10-310-4120 | Sewer Service Charge PY | .00 | 20,000.00 | .00 |
| 10-310-4130 | SSC LISRAP 10% Discount | 372.00- | 25,000.00- | 1.49 |
| Total Sewer Use Charges: | | 177,625.06 | 20,866,010.00 | .85 |
| Permits/Fees | | | | |
| 10-330-4310 | Permits and Inspection Fees | 15,250.00 | 53,400.00 | 28.56 |
| 10-330-4313 | Application Fees | 2,000.00 | 6,500.00 | 30.77 |
| Total Permits/Fees: | | 17,250.00 | 59,900.00 | 28.80 |
| Property Taxes | | | | |
| 10-340-4405 | Property Tax - Current Secured | 6,879.09 | 1,273,290.00 | .54 |
| 10-340-4410 | Property Tax - Current Unsecur | .00 | 21,400.00 | .00 |
| 10-340-4415 | Prior Secured Redemption | 248.43 | 100.00 | 248.43 |
| 10-340-4420 | Prior Unsecured | .00 | 1,300.00 | .00 |
| 10-340-4427 | Supp. Assmnts - Prop Tax Curr | 956.76 | 25,490.00 | 3.75 |
| 10-340-4428 | Supp. Assmnts - Redemption | .00 | 1,170.00 | .00 |
| 10-340-4440 | ERAF | .00 | 264,280.00 | .00 |
| 10-340-4441 | ERAF Prior Year | 63,900.96 | 216,230.00 | 29.55 |
| Total Property Taxes: | | 71,985.24 | 1,803,260.00 | 3.99 |
| Franchise Fees | | | | |
| 10-350-4510 | Franchise Revenue | 48,705.84 | 185,440.00 | 26.27 |
| Total Franchise Fees: | | 48,705.84 | 185,440.00 | 26.27 |
| Intergovernmental | | | | |
| 10-360-4610 | Federal and State Grants | .00 | 5,000.00 | .00 |
| 10-360-4620 | HOPTR | .00 | 2,360.00 | .00 |
| Total Intergovernmental: | | .00 | 7,360.00 | .00 |
| Investment Income | | | | |
| 10-370-4710 | Bank Interest - Operations | 33,187.33 | 89,730.00 | 36.99 |
| 10-370-4711 | Interest - LAIF | .00 | 80,000.00 | .00 |
| 10-370-4713 | Interest on Bond Funds | .00 | 5.00 | .00 |
| 10-370-4715 | Interest on Reserves CD x6073 | 375.80 | 1,540.00 | 24.40 |
| 10-370-4716 | Interest - CAMP | 214,121.54 | 388,190.00 | 55.16 |
| 10-370-4717 | Interest - CLASS | 69,085.91 | 233,020.00 | 29.65 |
| Total Investment Income: | | 316,770.58 | 792,485.00 | 39.97 |
| Other Nonoperating | | | | |
| 10-380-4881 | PSL Prior Year | .00 | 1,000.00 | .00 |
| 10-380-4882 | PSL Levy Principal | 1,968.58 | 82,000.00 | 2.40 |
| 10-380-4885 | Miscellaneous Income | 3,123.52 | 40,120.00 | 7.79 |
| 10-380-4887 | PSL Direct Pay Off | 1,134.22 | 10,000.00 | 11.34 |

Interest to be deposited 10/15/24

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent | |
|---------------------------|--------------------------------|-----------------------------------|------------------------------|-------------------------------|-------------------------------------|
| 10-380-4888 | PSL Investment Interest | .00 | 7,000.00 | .00 | |
| 10-380-4890 | Donations (received) | .00 | 500.00 | .00 | |
| 10-380-4899 | Passthru Reimbursmnt (Revenue) | .00 | 25,000.00 | .00 | |
| Total Other Nonoperating: | | 6,226.32 | 165,620.00 | 3.76 | |
| Transfers In | | | | | |
| 10-390-4910 | Transfer - I Bank Loan | .00 | 567,760.00 | .00 | |
| Total Transfers In: | | .00 | 567,760.00 | .00 | |
| Administration | | | | | |
| 10-400-5000 | Regular Staff Salaries | 251,173.53 | 1,107,800.00 | 22.67 | |
| 10-400-5010 | Overtime | 1,958.80 | 10,100.00 | 19.39 | |
| 10-400-5020 | Doubletime | 204.39 | 900.00 | 22.71 | |
| 10-400-5060 | Auto Allowance | 1,222.60 | 5,800.00 | 21.08 | |
| 10-400-5075 | Certification Stipends | 2,492.28 | 16,200.00 | 15.38 | |
| 10-400-5077 | Longevity Pay | 1,952.59 | 8,100.00 | 24.11 | |
| 10-400-5090 | Vacation/Sick Accrual | .00 | 17,600.00 | .00 | |
| 10-400-5110 | Health Insurance-Actives | 42,383.42 | 136,800.00 | 30.98 | |
| 10-400-5111 | Health Insurance-Retirees | 8,033.17 | 62,700.00 | 12.81 | |
| 10-400-5112 | Health Insurance-Admin Fee | .00 | 1,600.00 | .00 | |
| 10-400-5117 | Dental Insurance | 2,265.79 | 22,800.00 | 9.94 | |
| 10-400-5119 | Vision Services | 205.35 | 5,100.00 | 4.03 | |
| 10-400-5120 | PERS-Normal Contributions | 9,981.70 | 83,300.00 | 11.98 | |
| 10-400-5129 | GASB Pension Expense | 700.00 | .00 | .00 | |
| 10-400-5130 | Social Security Expense | 14,929.40 | 64,500.00 | 23.15 | |
| 10-400-5140 | Workers Comp Insurance | 63,869.00 | 111,400.00 | 57.33 | Initial deposit paid for FY in July |
| 10-400-5150 | Group Life Insurance | 2,255.13 | 10,900.00 | 20.69 | |
| 10-400-5160 | Long Term Disability | 2,346.34 | 13,400.00 | 17.51 | |
| 10-400-5170 | Wellness Reimbursement Program | .00 | 2,500.00 | .00 | |
| 10-400-5221 | Office Supplies & Expense | 1,424.61 | 32,200.00 | 4.42 | |
| 10-400-5223 | Meeting Supplies & Expense | 773.43 | 3,700.00 | 20.90 | |
| 10-400-5224 | Damage Claims | 168.40 | .00 | .00 | Incidental - no additional charges |
| 10-400-5225 | COVID-19 Expenses | .00 | 1,000.00 | .00 | |
| 10-400-5229 | Employee Recognition | 1,187.67 | 2,500.00 | 47.51 | |
| 10-400-5233 | Vehicle Gas Admin | .00 | 500.00 | .00 | |
| 10-400-5243 | Misc Safety Exp - Lgvsd only | 211.24 | 3,200.00 | 6.60 | |
| 10-400-5303 | Payroll Processing Fees | 6,551.10 | 25,900.00 | 25.29 | |
| 10-400-5310 | Vehicle Parts & Repairs | 40.00 | 1,700.00 | 2.35 | |
| 10-400-5315 | Equipment Maintenance | .00 | 300.00 | .00 | |
| 10-400-5317 | Equipment Repair | .00 | 2,000.00 | .00 | |
| 10-400-5319 | Capital Repair / Replacement | .00 | 1,000.00 | .00 | |
| 10-400-5331 | Personnel & HR Services | 12,251.35 | 103,900.00 | 11.79 | |
| 10-400-5333 | Janitorial | 5,594.24 | 24,400.00 | 22.93 | |
| 10-400-5335 | Labor Relations | .00 | 17,600.00 | .00 | |
| 10-400-5337 | General | 11,250.88 | 15,900.00 | 70.76 | LAFCO Annual Fee in July |
| 10-400-5339 | Other Outside Services | 463.50 | 900.00 | 51.50 | |
| 10-400-5342 | Other Consultants | 18,290.98 | 144,300.00 | 12.68 | |
| 10-400-5347 | Public Education | .00 | 42,000.00 | .00 | |
| 10-400-5351 | Legal | 22,722.18 | 148,400.00 | 15.31 | |
| 10-400-5352 | Legal MPFA | .00 | 800.00 | .00 | |
| 10-400-5353 | Audit | .00 | 22,000.00 | .00 | |

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|------------------------------|--------------------------------|-----------------------------------|------------------------------|-------------------------------|
| 10-400-5355 | Financial Services | 2,750.00 | 95,400.00 | 2.88 |
| 10-400-5361 | Consulting IT Services | 1,667.50 | 32,600.00 | 5.12 |
| 10-400-5362 | Incidental Software | 6,967.31 | 22,700.00 | 30.69 |
| 10-400-5363 | Multi-year SaaS Software Subsc | .00 | 100.00 | .00 |
| 10-400-5411 | Insurance - Gen Liab Property | 197,936.67 | 373,800.00 | 52.95 |
| 10-400-5421 | Internet Services | 50.95 | 7,100.00 | .72 |
| 10-400-5423 | Telephone and Cell Services | 1,752.67 | 6,400.00 | 27.39 |
| 10-400-5431 | Bank Charges | 1,850.00 | 1,900.00 | 97.37 |
| 10-400-5433 | Publications & Legal Ads | 1,542.50 | 2,000.00 | 77.13 |
| 10-400-5439 | Donations to non-profits | 10,000.00 | 10,000.00 | 100.00 |
| 10-400-5451 | Rents & Leases - Office & Equi | 32,696.63 | 136,500.00 | 23.95 |
| 10-400-5453 | Taxes, Other | .00 | 500.00 | .00 |
| 10-400-5455 | Permits and Fees | 630.50 | 800.00 | 78.81 |
| 10-400-5457 | User Chg / Collection Fee Exp. | .00 | 800.00 | .00 |
| 10-400-5461 | Memberships | 10,489.00 | 44,900.00 | 23.36 |
| 10-400-5465 | Conferences | 3,005.76 | 20,700.00 | 14.52 |
| 10-400-5467 | Mileage & Travel | 349.96 | 6,000.00 | 5.83 |
| 10-400-5469 | Employee Education & Training | 1,545.00 | 15,700.00 | 9.84 |
| 10-400-5496 | Fidelity Bond | 1,216.00 | 1,200.00 | 101.33 |
| 10-400-9999 | Miscellaneous expense | 178.60 | 800.00 | 22.33 |
| Total Administration: | | 757,832.12 | 3,055,600.00 | 24.80 |
| Engineering | | | | |
| 10-420-5000 | Regular Staff Salaries | 131,838.02 | 609,900.00 | 21.62 |
| 10-420-5060 | Auto Allowance | 1,222.60 | 5,400.00 | 22.64 |
| 10-420-5075 | Certification Stipends | 2,492.28 | 16,200.00 | 15.38 |
| 10-420-5077 | Longevity Pay | 7,493.47 | 30,500.00 | 24.57 |
| 10-420-5090 | Vacation/Sick Accrual | .00 | 20,000.00 | .00 |
| 10-420-5110 | Health Insurance-Actives | 15,321.15 | 73,700.00 | 20.79 |
| 10-420-5117 | Dental Insurance | 972.34 | 10,000.00 | 9.72 |
| 10-420-5119 | Vision Services | 26.76 | 700.00 | 3.82 |
| 10-420-5120 | PERS-Normal Contributions | 6,816.21 | 52,000.00 | 13.11 |
| 10-420-5130 | Social Security Expense | 7,981.27 | 34,900.00 | 22.87 |
| 10-420-5150 | Group Life Insurance | 458.00 | 1,600.00 | 28.63 |
| 10-420-5160 | Long Term Disability | 1,476.64 | 5,700.00 | 25.91 |
| 10-420-5170 | Wellness Reimbursement Program | 1,000.00 | 1,500.00 | 66.67 |
| 10-420-5221 | Office Supplies & Expense | 1,332.37 | 1,700.00 | 78.37 |
| 10-420-5243 | Misc Safety Exp - Lgvsd only | .00 | 900.00 | .00 |
| 10-420-5301 | Contract Personnel | .00 | 40,000.00 | .00 |
| 10-420-5342 | Other Consultants | 11,753.75 | 140,000.00 | 8.40 |
| 10-420-5344 | Passthru (Receivable Expense) | .00 | 14,200.00 | .00 |
| 10-420-5361 | Consulting IT Services | 600.00 | 500.00 | 120.00 |
| 10-420-5362 | Incidental Software | 239.76 | 3,100.00 | 7.73 |
| 10-420-5415 | General Small Projects | 4,529.58 | 25,200.00 | 17.97 |
| 10-420-5417 | Feasibility Studies | .00 | 64,000.00 | .00 |
| 10-420-5423 | Telephone and Cell Services | 494.28 | 2,200.00 | 22.47 |
| 10-420-5433 | Publications & Legal Ads | 4,139.20 | 8,100.00 | 51.10 |
| 10-420-5455 | Permits and Fees | .00 | 400.00 | .00 |
| 10-420-5461 | Memberships | .00 | 1,700.00 | .00 |
| 10-420-5469 | Employee Education & Training | .00 | 8,000.00 | .00 |

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|---------------------------|-------------------------------|-----------------------------------|------------------------------|-------------------------------|
| Total Engineering: | | 200,187.68 | 1,172,100.00 | 17.08 |
| Board of Directors | | | | |
| 10-440-5050 | Director's Compensation | 16,521.66 | 77,600.00 | 21.29 |
| 10-440-5115 | Directors Health Benefits | 2,175.00 | 10,900.00 | 19.95 |
| 10-440-5130 | Social Security Expense | 1,256.55 | 4,700.00 | 26.74 |
| 10-440-5221 | Office Supplies & Expense | 147.40 | 8,300.00 | 1.78 |
| 10-440-5223 | Meeting Supplies & Expense | 207.81 | 8,100.00 | 2.57 |
| 10-440-5331 | Personnel & HR Services | .00 | 10,000.00 | .00 |
| 10-440-5342 | Other Consultants | .00 | 5,000.00 | .00 |
| 10-440-5359 | Election Expenses | .00 | 25,000.00 | .00 |
| 10-440-5423 | Telephone and Cell Services | 76.02 | 400.00 | 19.01 |
| 10-440-5461 | Memberships | .00 | 1,000.00 | .00 |
| 10-440-5465 | Conferences | .00 | 36,700.00 | .00 |
| 10-440-5467 | Mileage & Travel | 7,326.27 | 1,000.00 | 732.63 |
| 10-440-5469 | Employee Education & Training | .00 | 2,500.00 | .00 |
| 10-440-9999 | Miscellaneous expense | .00 | 7,500.00 | .00 |
| Total Board of Directors: | | 27,710.71 | 198,700.00 | 13.95 |

Collection System

| | | | | |
|-------------|--------------------------------|------------|------------|-------|
| 10-460-5000 | Regular Staff Salaries | 210,836.55 | 918,100.00 | 22.96 |
| 10-460-5010 | Overtime | 3,780.56 | 48,200.00 | 7.84 |
| 10-460-5020 | Doubletime | 2,367.15 | 8,600.00 | 27.53 |
| 10-460-5030 | Stand By | 13,468.38 | 54,700.00 | 24.62 |
| 10-460-5073 | Emergency Response Stipend | 5,538.36 | 27,900.00 | 19.85 |
| 10-460-5075 | Certification Stipends | 9,969.12 | 32,400.00 | 30.77 |
| 10-460-5077 | Longevity Pay | 10,730.78 | 45,400.00 | 23.64 |
| 10-460-5090 | Vacation/Sick Accrual | .00 | 15,000.00 | .00 |
| 10-460-5110 | Health Insurance-Actives | 38,893.05 | 148,200.00 | 26.24 |
| 10-460-5111 | Health Insurance-Retirees | 503.37 | 3,700.00 | 13.60 |
| 10-460-5117 | Dental Insurance | 5,806.79 | 7,800.00 | 74.45 |
| 10-460-5119 | Vision Services | 245.49 | 1,600.00 | 15.34 |
| 10-460-5120 | PERS-Normal Contributions | 22,631.89 | 98,300.00 | 23.02 |
| 10-460-5130 | Social Security Expense | 18,919.21 | 87,000.00 | 21.75 |
| 10-460-5150 | Group Life Insurance | 638.00 | 3,400.00 | 18.76 |
| 10-460-5160 | Long Term Disability | 2,751.08 | 8,000.00 | 34.39 |
| 10-460-5170 | Wellness Reimbursement Program | .00 | 3,500.00 | .00 |
| 10-460-5211 | General Operating Supplies | .00 | 6,000.00 | .00 |
| 10-460-5221 | Office Supplies & Expense | .00 | 5,000.00 | .00 |
| 10-460-5222 | Small Tools | 243.55 | 3,400.00 | 7.16 |
| 10-460-5231 | Diesel Collections | 5,644.21 | 9,700.00 | 58.19 |
| 10-460-5233 | Vehicle Gas Collections | 3,869.88 | 9,600.00 | 40.31 |
| 10-460-5234 | Vehicle Natural Gas | .00 | 900.00 | .00 |
| 10-460-5235 | Oil (vehicle and drum product) | .00 | 100.00 | .00 |
| 10-460-5241 | Safety Contractor Services | 9,456.00 | 57,000.00 | 16.59 |
| 10-460-5243 | Misc Safety Exp - Lgvsd only | 641.24 | 16,400.00 | 3.91 |
| 10-460-5310 | Vehicle Parts & Repairs | 17,577.53 | 25,600.00 | 68.66 |
| 10-460-5311 | Building Maintenance | .00 | 4,700.00 | .00 |
| 10-460-5312 | Grounds Maintenance | 771.11 | 2,400.00 | 32.13 |
| 10-460-5313 | Power Generation Maint. & Rep | 450.00 | .00 | .00 |
| 10-460-5315 | Equipment Maintenance | 1,220.31 | 37,000.00 | 3.30 |

Generator rentals

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|--------------------------|-------------------------------|-----------------------------------|------------------------------|-------------------------------|
| 10-460-5317 | Equipment Repair | 3,981.90 | 11,700.00 | 34.03 |
| 10-460-5319 | Capital Repair / Replacement | .00 | 1,000.00 | .00 |
| 10-460-5334 | Uniform Maintenance | 4,075.32 | 12,200.00 | 33.40 |
| 10-460-5339 | Other Outside Services | .00 | 23,200.00 | .00 |
| 10-460-5361 | Consulting IT Services | 75.00 | 6,600.00 | 1.14 |
| 10-460-5362 | Incidental Software | 192.00 | 11,400.00 | 1.68 |
| 10-460-5363 | Subscription Software SaaS | 11,500.95 | 39,700.00 | 28.97 |
| 10-460-5423 | Telephone and Cell Services | 1,402.04 | 6,100.00 | 22.98 |
| 10-460-5441 | Lateral Rehab Assistance Prog | .00 | 187,800.00 | .00 |
| 10-460-5455 | Permits and Fees | 989.33 | 4,400.00 | 22.48 |
| 10-460-5461 | Memberships | 1,639.00 | 6,100.00 | 26.87 |
| 10-460-5469 | Employee Education & Training | 925.00 | 15,600.00 | 5.93 |
| Total Collection System: | | 411,734.15 | 2,015,400.00 | 20.43 |

Maintenance

| | | | | | |
|-------------|--------------------------------|------------|------------|--------|-----------------------------------|
| 10-480-5000 | Regular Staff Salaries | 108,831.37 | 641,000.00 | 16.98 | Two vacant positions to be filled |
| 10-480-5010 | Overtime | 75.28 | 8,000.00 | .94 | |
| 10-480-5020 | Doubletime | 750.38 | 400.00 | 187.60 | |
| 10-480-5030 | Stand By | .00 | 32,000.00 | .00 | |
| 10-480-5073 | Emergency Response Stipend | .00 | 3,900.00 | .00 | |
| 10-480-5075 | Certification Stipends | 6,853.77 | 32,400.00 | 21.15 | |
| 10-480-5077 | Longevity Pay | 1,843.95 | 3,600.00 | 51.22 | |
| 10-480-5090 | Vacation/Sick Accrual | .00 | 12,000.00 | .00 | |
| 10-480-5110 | Health Insurance-Actives | 9,221.88 | 84,600.00 | 10.90 | |
| 10-480-5117 | Dental Insurance | 2.00 | 4,000.00 | .05 | |
| 10-480-5119 | Vision Services | 123.52 | 700.00 | 17.65 | |
| 10-480-5120 | PERS-Normal Contributions | 575.24 | 26,100.00 | 2.20 | |
| 10-480-5130 | Social Security Expense | 9,066.26 | 60,800.00 | 14.91 | |
| 10-480-5150 | Group Life Insurance | 165.03 | 2,500.00 | 6.60 | |
| 10-480-5160 | Long Term Disability | 892.71 | 6,000.00 | 14.88 | |
| 10-480-5170 | Wellness Reimbursement Program | 865.10 | 2,500.00 | 34.60 | |
| 10-480-5211 | General Operating Supplies | .00 | 600.00 | .00 | |
| 10-480-5221 | Office Supplies & Expense | .00 | 1,000.00 | .00 | |
| 10-480-5222 | Small Tools | 4,436.43 | 12,000.00 | 36.97 | |
| 10-480-5232 | Propane | .00 | 400.00 | .00 | |
| 10-480-5235 | Oil (vehicle and drum product) | .00 | 500.00 | .00 | |
| 10-480-5243 | Misc Safety Exp - Lgvsd only | .00 | 12,800.00 | .00 | |
| 10-480-5310 | Vehicle Parts & Repairs | .00 | 18,400.00 | .00 | |
| 10-480-5311 | Building Maintenance | 1,256.48 | 12,200.00 | 10.30 | |
| 10-480-5312 | Grounds Maintenance | 1,862.21 | 12,700.00 | 14.66 | |
| 10-480-5313 | Power Generation Maint. & Rep | .00 | 1,300.00 | .00 | |
| 10-480-5315 | Equipment Maintenance | 14,677.58 | 33,500.00 | 43.81 | |
| 10-480-5317 | Equipment Repair | 1,768.57 | 22,700.00 | 7.79 | |
| 10-480-5319 | Capital Repair / Replacement | .00 | 4,400.00 | .00 | |
| 10-480-5331 | Personnel & HR Services | 335.00 | .00 | .00 | Recruitment expense |
| 10-480-5339 | Other Outside Services | 1,740.77 | 54,500.00 | 3.19 | |
| 10-480-5361 | Consulting IT Services | 3,055.00 | .00 | .00 | 2nd maintenance PC setup |
| 10-480-5362 | Incidental Software | .00 | 2,500.00 | .00 | |
| 10-480-5423 | Telephone and Cell Services | 521.94 | 2,700.00 | 19.33 | |
| 10-480-5461 | Memberships | .00 | 900.00 | .00 | |
| 10-480-5469 | Employee Education & Training | .00 | 4,600.00 | .00 | |

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent | |
|----------------------|--------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------|
| Total Maintenance: | | 168,920.47 | 1,118,200.00 | 15.11 | |
| Pump Stations | | | | | |
| 10-500-5000 | Regular Staff Salaries | 4,231.16 | .00 | .00 | |
| 10-500-5243 | Misc Safety Exp - Lgvsd only | .00 | 1,800.00 | .00 | |
| 10-500-5312 | Grounds Maintenance | 374.56 | 4,600.00 | 8.14 | |
| 10-500-5315 | Equipment Maintenance | 6,514.27 | 100.00 | 6,514.27 | |
| 10-500-5317 | Equipment Repair | 1,691.40 | 7,200.00 | 23.49 | |
| 10-500-5319 | Capital Repair / Replacement | 1,412.70 | 46,700.00 | 3.03 | |
| 10-500-5342 | Other Consultants | .00 | 10,000.00 | .00 | |
| 10-500-5345 | SCADA Engineering Support | .00 | 36,500.00 | .00 | |
| 10-500-5421 | Internet Services | 269.65 | 2,200.00 | 12.26 | |
| 10-500-5423 | Telephone and Cell Services | 2,117.69 | 10,300.00 | 20.56 | |
| 10-500-5425 | Utility Power | 30,342.38 | 153,100.00 | 19.82 | |
| 10-500-5427 | Water | 6,239.91 | 5,300.00 | 117.73 | |
| 10-500-5455 | Permits and Fees | .00 | 2,700.00 | .00 | |
| Total Pump Stations: | | 53,193.72 | 280,500.00 | 18.96 | |
| Laboratory | | | | | |
| 10-560-5000 | Regular Staff Salaries | 57,963.63 | 296,700.00 | 19.54 | |
| 10-560-5010 | Overtime | .00 | 6,300.00 | .00 | |
| 10-560-5020 | Doubletime | .00 | 3,600.00 | .00 | |
| 10-560-5030 | Stand By | 1,016.42 | 8,600.00 | 11.82 | |
| 10-560-5073 | Emergency Response Stipend | 830.76 | 3,800.00 | 21.86 | |
| 10-560-5075 | Certification Stipends | 1,246.14 | 5,800.00 | 21.49 | |
| 10-560-5077 | Longevity Pay | 2,032.78 | 9,000.00 | 22.59 | |
| 10-560-5090 | Vacation/Sick Accrual | .00 | 8,000.00 | .00 | |
| 10-560-5110 | Health Insurance-Actives | 7,007.04 | 32,900.00 | 21.30 | |
| 10-560-5117 | Dental Insurance | 326.69 | 1,300.00 | 25.13 | |
| 10-560-5119 | Vision Services | 113.52 | 300.00 | 37.84 | |
| 10-560-5120 | PERS-Normal Contributions | 7,335.21 | 14,400.00 | 50.94 | Under-budgeted for 2 employees |
| 10-560-5130 | Social Security Expense | 5,183.85 | 18,700.00 | 27.72 | |
| 10-560-5150 | Group Life Insurance | 135.00 | 800.00 | 16.88 | |
| 10-560-5160 | Long Term Disability | 859.07 | 2,300.00 | 37.35 | |
| 10-560-5170 | Wellness Reimbursement Program | .00 | 500.00 | .00 | |
| 10-560-5211 | General Operating Supplies | .00 | 4,800.00 | .00 | |
| 10-560-5221 | Office Supplies & Expense | 971.74 | 7,100.00 | 13.69 | |
| 10-560-5243 | Misc Safety Exp - Lgvsd only | .00 | 1,100.00 | .00 | |
| 10-560-5284 | Laboratory Supplies | 3,067.62 | 32,600.00 | 9.41 | |
| 10-560-5310 | Vehicle Parts & Repairs | 188.20 | 1,100.00 | 17.11 | |
| 10-560-5315 | Equipment Maintenance | 868.65 | 4,300.00 | 20.20 | |
| 10-560-5317 | Equipment Repair | .00 | 2,800.00 | .00 | |
| 10-560-5319 | Capital Repair / Replacement | .00 | 4,100.00 | .00 | |
| 10-560-5327 | Pollution Prevention Contract | 4,148.77 | 17,300.00 | 23.98 | |
| 10-560-5329 | Lab Contract Services | 21,837.14 | 68,500.00 | 31.88 | |
| 10-560-5339 | Other Outside Services | .00 | 3,700.00 | .00 | |
| 10-560-5342 | Other Consultants | .00 | 5,200.00 | .00 | |
| 10-560-5361 | Consulting IT Services | 1,400.43 | .00 | .00 | Lab computer technical support |
| 10-560-5362 | Incidental Software | .00 | 500.00 | .00 | |
| 10-560-5423 | Telephone and Cell Services | 179.28 | 1,100.00 | 16.30 | |
| 10-560-5455 | Permits and Fees | .00 | 7,500.00 | .00 | |

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent | |
|--------------------|--------------------------------|-----------------------------------|------------------------------|-------------------------------|---------------------------------|
| 10-560-5461 | Memberships | .00 | 900.00 | .00 | |
| 10-560-5465 | Conferences | .00 | 4,800.00 | .00 | |
| 10-560-5467 | Mileage & Travel | .00 | 100.00 | .00 | |
| 10-560-5469 | Employee Education & Training | 50.00 | 6,600.00 | .76 | |
| Total Laboratory: | | 116,761.94 | 587,100.00 | 19.89 | |
| Reclamation | | | | | |
| 10-580-5312 | Grounds and Pond Maintenance | 967.48 | 97,400.00 | .99 | |
| 10-580-5315 | Equipment Maintenance | .00 | 1,700.00 | .00 | |
| 10-580-5317 | Equipment Repair | .00 | 1,200.00 | .00 | |
| 10-580-5323 | Pasture Disk | 20,916.50 | 126,300.00 | 16.56 | |
| 10-580-5325 | Sludge Inject & Land Applicati | 8,044.00 | 380,000.00 | 2.12 | |
| 10-580-5326 | Marsh Pond Vegetation Removal | .00 | 60,000.00 | .00 | |
| 10-580-5339 | Other Outside Services | .00 | 16,800.00 | .00 | |
| 10-580-5342 | Other Consultants | 2,196.00 | 17,400.00 | 12.62 | |
| 10-580-5417 | Feasibility Studies | .00 | 10,000.00 | .00 | |
| 10-580-5425 | Utility Power | 20,510.85 | 47,800.00 | 42.91 | |
| 10-580-5455 | Permits and Fees | .00 | 500.00 | .00 | |
| Total Reclamation: | | 52,634.83 | 759,100.00 | 6.93 | |
| Plant | | | | | |
| 10-600-5000 | Regular Staff Salaries | 272,095.80 | 1,147,400.00 | 23.71 | |
| 10-600-5010 | Overtime | 12,066.74 | 84,800.00 | 14.23 | |
| 10-600-5020 | Doubletime | 7,132.57 | 32,200.00 | 22.15 | |
| 10-600-5030 | Stand By | 14,860.34 | 58,000.00 | 25.62 | |
| 10-600-5060 | Auto Allowance | 1,222.60 | 5,300.00 | 23.07 | |
| 10-600-5073 | Emergency Response Stipend | 7,119.12 | 28,700.00 | 24.81 | |
| 10-600-5075 | Certification Stipends | 13,707.54 | 68,600.00 | 19.98 | |
| 10-600-5077 | Longevity Pay | 8,761.38 | 34,200.00 | 25.62 | |
| 10-600-5090 | Vacation/Sick Accrual | .00 | 18,000.00 | .00 | |
| 10-600-5110 | Health Insurance-Actives | 49,824.93 | 236,500.00 | 21.07 | |
| 10-600-5111 | Health Insurance-Retirees | 16,571.07 | 48,800.00 | 33.96 | |
| 10-600-5117 | Dental Insurance | 1,807.29 | 11,300.00 | 15.99 | |
| 10-600-5119 | Vision Services | 210.42 | 700.00 | 30.06 | |
| 10-600-5120 | PERS-Normal Contributions | 29,412.68 | 144,700.00 | 20.33 | |
| 10-600-5130 | Social Security Expense | 23,322.74 | 103,200.00 | 22.60 | |
| 10-600-5150 | Group Life Insurance | 917.50 | 5,000.00 | 18.35 | |
| 10-600-5160 | Long Term Disability | 3,748.06 | 14,900.00 | 25.15 | |
| 10-600-5170 | Wellness Reimbursement Program | 1,491.61 | 4,000.00 | 37.29 | |
| 10-600-5211 | General Operating Supplies | 8,241.79 | 3,400.00 | 242.41 | Chlorine Analyzer Standpipe Kit |
| 10-600-5221 | Office Supplies & Expense | 145.00 | 4,800.00 | 3.02 | |
| 10-600-5222 | Small Tools | 347.29 | 6,100.00 | 5.69 | |
| 10-600-5223 | Meeting Supplies & Expense | .00 | 600.00 | .00 | |
| 10-600-5231 | Diesel Plant | 1,072.75 | 9,700.00 | 11.06 | |
| 10-600-5232 | Propane | .00 | 4,000.00 | .00 | |
| 10-600-5233 | Vehicle Gas Plant | 1,296.99 | 8,400.00 | 15.44 | |
| 10-600-5241 | Safety Contractor Services | .00 | 900.00 | .00 | |
| 10-600-5243 | Misc Safety Exp - Lgvsd only | 211.23 | 5,200.00 | 4.06 | |
| 10-600-5281 | Hypochlorite | 168,621.00 | 347,300.00 | 48.55 | |
| 10-600-5282 | Bisulfite | .00 | 211,800.00 | .00 | |
| 10-600-5283 | Miscellaneous Chemicals | 20,871.85 | 74,700.00 | 27.94 | |

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent | |
|---|--------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------|
| 10-600-5284 | Laboratory Supplies | .00 | 1,900.00 | .00 | |
| 10-600-5301 | Contract Personnel | .00 | 60,000.00 | .00 | |
| 10-600-5310 | Vehicle Parts & Repairs | 2,411.24 | 1,900.00 | 126.91 | |
| 10-600-5311 | Building Maintenance | 3,425.32 | 13,900.00 | 24.64 | |
| 10-600-5312 | Grounds Maintenance | 15,736.71 | 23,500.00 | 66.96 | Includes fencing repairs |
| 10-600-5313 | Power Generation Maint.& Rep | .00 | 14,900.00 | .00 | |
| 10-600-5315 | Equipment Maintenance | 12,189.22 | 54,300.00 | 22.45 | |
| 10-600-5317 | Equipment Repair | 6,714.21 | 14,200.00 | 47.28 | |
| 10-600-5319 | Capital Repair / Replacement | 9,164.00 | 73,400.00 | 12.49 | |
| 10-600-5334 | Uniform Maintenance | 4,075.35 | 11,700.00 | 34.83 | |
| 10-600-5337 | General | 1,988.46 | 8,300.00 | 23.96 | |
| 10-600-5339 | Other Outside Services | 3,814.98 | 17,500.00 | 21.80 | |
| 10-600-5341 | Environmental | 5,564.10 | 145,300.00 | 3.83 | |
| 10-600-5342 | Other Consultants | 535.50 | 15,700.00 | 3.41 | |
| 10-600-5345 | SCADA Engineering Support | .00 | 36,500.00 | .00 | |
| 10-600-5361 | Consulting IT Services | 1,087.50 | 15,600.00 | 6.97 | |
| 10-600-5362 | Incidental Software | .00 | 2,000.00 | .00 | |
| 10-600-5423 | Telephone and Cell Services | 1,753.58 | 8,400.00 | 20.88 | |
| 10-600-5425 | Utility Power | 147,890.80 | 641,700.00 | 23.05 | |
| 10-600-5427 | Water | .00 | 27,400.00 | .00 | |
| 10-600-5433 | Publications & Legal Ads | .00 | 3,400.00 | .00 | |
| 10-600-5455 | Permits and Fees | 26,326.00 | 69,800.00 | 37.72 | |
| 10-600-5461 | Memberships | 6,933.00 | 16,600.00 | 41.77 | |
| 10-600-5465 | Conferences | .00 | 12,000.00 | .00 | |
| 10-600-5467 | Mileage & Travel | 420.33 | 1,300.00 | 32.33 | |
| 10-600-5469 | Employee Education & Training | 1,195.00 | 13,200.00 | 9.05 | |
| Total Plant: | | 916,305.59 | 4,027,600.00 | 22.75 | |
| Nondepartmental Contributions | | | | | |
| 10-670-5113 | Health Insurance-OPEB Pre-fund | 34,890.00 | 192,200.00 | 18.15 | |
| 10-670-5120 | PERS-Normal Contributions UAL | 372,889.00 | 306,600.00 | 121.62 | |
| Total Nondepartmental Contributions: | | 407,779.00 | 498,800.00 | 81.75 | |
| Nondepartmental Debt Service | | | | | |
| 10-699-5511 | 2004 COP/Refunding Principal | .00 | 690,000.00 | .00 | |
| 10-699-5512 | IBank Principal | 381,557.04 | 381,557.00 | 100.00 | |
| 10-699-5513 | State Revolving Fund Loan Prin | .00 | 230,669.00 | .00 | |
| 10-699-5514 | 2011Bank of Marin Loan Princip | 27,871.85 | 257,318.00 | 10.83 | |
| 10-699-5516 | 2017 Revenue Bonds Principal | .00 | 1,205,000.00 | .00 | |
| 10-699-5521 | 2004 COP/Refunding MF Interest | .00 | 35,105.00 | .00 | |
| 10-699-5522 | IBank Loan Interest | 153,788.71 | 301,854.00 | 50.95 | |
| 10-699-5523 | State Revolving Fund Loan Inte | .00 | 54,795.00 | .00 | |
| 10-699-5524 | 2011Bank of Marin Loan Interes | 55,298.50 | 75,363.00 | 73.38 | |
| 10-699-5526 | 2017 Revenue Bonds Interest | 622,200.00 | 1,244,400.00 | 50.00 | |
| 10-699-5552 | Loan Annual Fees - IBank | 30,757.74 | 30,758.00 | 100.00 | |
| Total Nondepartmental Debt Service: | | 1,271,473.84 | 4,506,819.00 | 28.21 | |
| Integrated Wastewater MP | | | | | |
| 10-710-5601 | Integrated Wastewater MP | .00 | 350,000.00 | .00 | |

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|---------------------------------------|---------------------------------------|-----------------------------------|------------------------------|-------------------------------|
| | Total Integrated Wastewater MP: | .00 | 350,000.00 | .00 |
| Lab Software LIMS for TNI | | | | |
| 10-716-5601 | Lab Software LIMS for TNI | 4,350.00 | 50,400.00 | 8.63 |
| | Total Lab Software LIMS for TNI: | 4,350.00 | 50,400.00 | 8.63 |
| Alternative Funding Pursuit | | | | |
| 10-744-5601 | Corporation Yard Design | .00 | 500,000.00 | .00 |
| | Total Alternative Funding Pursuit: | .00 | 500,000.00 | .00 |
| On-Call Engineering | | | | |
| 10-745-5601 | On-Call Engineering | 8,611.12 | 206,000.00 | 4.18 |
| | Total On-Call Engineering: | 8,611.12 | 206,000.00 | 4.18 |
| Digester Room MCC#1 Upgrade | | | | |
| 10-747-5601 | Digester Room MCC#2 Upgrade | 64,870.00 | 1,300,000.00 | 4.99 |
| | Total Digester Room MCC#1 Upgrade: | 64,870.00 | 1,300,000.00 | 4.99 |
| Sea Level Rise Mitigation Prog | | | | |
| 10-748-5601 | Sea Level Rise Mitigation Prog | .00 | 60,000.00 | .00 |
| | Total Sea Level Rise Mitigation Prog: | .00 | 60,000.00 | .00 |
| Annual Sewer Rehab | | | | |
| 10-752-5601 | Annual Sewer Rehab | 444,261.99 | 3,136,823.00 | 14.16 |
| | Total Annual Sewer Rehab: | 444,261.99 | 3,136,823.00 | 14.16 |
| Trunk Sewer Capacity Analysis | | | | |
| 10-754-5601 | Trunk Sewer Capacity Analysis | 18,805.79 | 450,000.00 | 4.18 |
| | Total Trunk Sewer Capacity Analysis: | 18,805.79 | 450,000.00 | 4.18 |
| Collection System Vehicles | | | | |
| 10-756-5601 | Collection System Vehicles | .00 | 673,743.00 | .00 |
| | Total Collection System Vehicles: | .00 | 673,743.00 | .00 |
| Equipment Collection System | | | | |
| 10-757-5601 | Equipment | .00 | 10,300.00 | .00 |
| | Total Equipment Collection System: | .00 | 10,300.00 | .00 |
| Hydraulic Modeling | | | | |
| 10-759-5601 | Hydraulic Modeling | .00 | 77,250.00 | .00 |

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|---------------------------------------|---------------------------------------|-----------------------------------|------------------------------|-------------------------------|
| | Total Hydraulic Modeling: | .00 | 77,250.00 | .00 |
| On-Call Construction | | | | |
| 10-762-5601 | On-Call Construction | .00 | 257,500.00 | .00 |
| | Total On-Call Construction: | .00 | 257,500.00 | .00 |
| On-Call Inspections CapProject | | | | |
| 10-763-5601 | On-Call Inspection CapProj | 20,685.00 | 61,800.00 | 33.47 |
| | Total On-Call Inspections CapProject: | 20,685.00 | 61,800.00 | 33.47 |
| Lab Board Edu Building Design | | | | |
| 10-764-5601 | Lab Board Edu Building Design | 85,946.85 | 1,791,000.00 | 4.80 |
| | Total Lab Board Edu Building Design: | 85,946.85 | 1,791,000.00 | 4.80 |
| Annual Sewer I&I Reduction | | | | |
| 10-765-5601 | Annual Sewer I&I Reduction | .00 | 1,000,000.00 | .00 |
| | Total Annual Sewer I&I Reduction: | .00 | 1,000,000.00 | .00 |
| Treatment Plant Upg Ph2 Design | | | | |
| 10-766-5601 | TP Upg Phase 2 Design Pri Clar | .00 | 400,000.00 | .00 |
| | Total Treatment Plant Upg Ph2 Design: | .00 | 400,000.00 | .00 |
| Manhold Frame and Cover Adjust | | | | |
| 10-767-5601 | Manhole Frame and Cover Adjust | .00 | 50,000.00 | .00 |
| | Total Manhold Frame and Cover Adjust: | .00 | 50,000.00 | .00 |
| Terra Linda Hwy101 Sewer Linin | | | | |
| 10-768-5601 | Terra Linda Hwy101 Sewer Linin | .00 | 500,000.00 | .00 |
| | Total Terra Linda Hwy101 Sewer Linin: | .00 | 500,000.00 | .00 |
| Lab Equipment | | | | |
| 10-769-5601 | Lab Equipment | .00 | 10,000.00 | .00 |
| | Total Lab Equipment: | .00 | 10,000.00 | .00 |
| Misc UPPCA Projects | | | | |
| 10-799-5601 | Misc UPPCA Projects | .00 | 546.00 | .00 |
| | Total Misc UPPCA Projects: | .00 | 546.00 | .00 |
| SCADA Pump Stations | | | | |
| 10-801-5601 | SCADA Pump Stations | .00 | 530,000.00 | .00 |

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|---------------------------------------|--------------------------------|-----------------------------------|------------------------------|-------------------------------|
| Total SCADA Pump Stations: | | .00 | 530,000.00 | .00 |
| Smith Ranch PS Electrical Upgr | | | | |
| 10-804-5601 | Smith Ranch PS Electrical Upgr | .00 | 1,195,000.00 | .00 |
| Total Smith Ranch PS Electrical Upgr: | | .00 | 1,195,000.00 | .00 |
| Standby/Towable Generator Min | | | | |
| 10-805-5601 | Standby Generators Minor PS | 43,989.23 | 372,400.00 | 11.81 |
| Total Standby/Towable Generator Min: | | 43,989.23 | 372,400.00 | 11.81 |
| Pump Station Site Lighting Saf | | | | |
| 10-806-5601 | Pump Station Site Lighting Saf | .00 | 206,877.00 | .00 |
| Total Pump Station Site Lighting Saf: | | .00 | 206,877.00 | .00 |
| Electrical VFD and SCADA at PS | | | | |
| 10-809-5601 | Electrical System VFD | .00 | 500,000.00 | .00 |
| Total Electrical VFD and SCADA at PS: | | .00 | 500,000.00 | .00 |
| Venetia Harbor PS | | | | |
| 10-810-5601 | Venetia Harbor Pump Station | 108.00 | .00 | .00 |
| Total Venetia Harbor PS: | | 108.00 | .00 | .00 |
| Miller Creek Watershed Program | | | | |
| 10-812-5601 | Creek & Watershed Programs | 3,389.00 | .00 | .00 |
| Total Miller Creek Watershed Program: | | 3,389.00 | .00 | .00 |
| Biosolids System Program | | | | |
| 10-813-5601 | Biosolids System Program | 87,052.08 | 65,952.00 | 131.99 |
| Total Biosolids System Program: | | 87,052.08 | 65,952.00 | 131.99 |
| Reclamation Pump Station Impr | | | | |
| 10-815-5601 | Reclamation Pump Station Impro | .00 | 180,640.00 | .00 |
| Total Reclamation Pump Station Impr: | | .00 | 180,640.00 | .00 |
| Digester Improvement | | | | |
| 10-818-5601 | Digester Improvement | 23,536.80 | .00 | .00 |
| Total Digester Improvement: | | 23,536.80 | .00 | .00 |
| Rafael Meadows Pump Station | | | | |
| 10-819-5601 | Rafael Meadows Pump Station | .00 | 150,000.00 | .00 |

Incidental FY 23-24 compliance charges

Program continued into FY 2024-25

CATS4U work in FY23-24 paid in Sept

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|--|--------------------------------|-----------------------------------|------------------------------|-------------------------------|
| Total Rafael Meadows Pump Station: | | .00 | 150,000.00 | .00 |
| Annual Site Improvements PS | | | | |
| 10-821-5601 | Annual Site Improvements | .00 | 60,000.00 | .00 |
| Total Annual Site Improvements PS: | | .00 | 60,000.00 | .00 |
| Automatic Transfer Switches PS | | | | |
| 10-825-5601 | Automatic Transfer Switches PS | .00 | 124,297.00 | .00 |
| Total Automatic Transfer Switches PS: | | .00 | 124,297.00 | .00 |
| Hawthorne Waterproofing Drywal | | | | |
| 10-826-5601 | Hawthorne Waterproofing Drywal | .00 | 60,000.00 | .00 |
| Total Hawthorne Waterproofing Drywal: | | .00 | 60,000.00 | .00 |
| Solar PPA Implementation | | | | |
| 10-830-5601 | Solar Power Prchse Agremnt Imp | 14,473.00 | 200,000.00 | 7.24 |
| Total Solar PPA Implementation: | | 14,473.00 | 200,000.00 | 7.24 |
| Secondary Plant Upgrade | | | | |
| 10-902-5601 | Secondary Plant Upgrade | 224,570.16- | 20,000.00 | 1,122.85- |
| Total Secondary Plant Upgrade: | | 224,570.16 | 20,000.00 | 1,122.85 |
| Emergency Bypass Pumping Analy | | | | |
| 10-903-5601 | Emergency Bypass Pumping Analy | 6,618.25 | 36,050.00 | 18.36 |
| Total Emergency Bypass Pumping Analy: | | 6,618.25 | 36,050.00 | 18.36 |
| Asset CMMS Onboarding | | | | |
| 10-904-5601 | Asset CMMS Onboarding | 5,200.00 | 840,000.00 | .62 |
| Total Asset CMMS Onboarding: | | 5,200.00 | 840,000.00 | .62 |
| Primary Clarifier Sludge Pump | | | | |
| 10-906-5601 | Primary Clarifier Sludge Pump | 9,360.00 | 150,000.00 | 6.24 |
| Total Primary Clarifier Sludge Pump: | | 9,360.00 | 150,000.00 | 6.24 |
| Grit Chambers Coating & Auger | | | | |
| 10-907-5601 | Grit Chambers Coating & Auger | 8,957.38 | .00 | .00 |
| Total Grit Chambers Coating & Auger: | | 8,957.38 | .00 | .00 |
| Annual Site Improvements Plant | | | | |
| 10-915-5601 | Annual Site Improvements Plant | .00 | 150,000.00 | .00 |

CCO accrual adjustments at 6/30/24 actual expense \$9,062.75, unilateral change order pending from capital reserves

CATS4U charges in July

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|---------------------------------------|---------------------------------------|-----------------------------------|------------------------------|-------------------------------|
| | Total Annual Site Improvements Plant: | .00 | 150,000.00 | .00 |
| Standard Specs and Drawing Upd | | | | |
| 10-918-5601 | Standard Specs & Drawings Upda | 237.50 | 10,000.00 | 2.38 |
| | Total Standard Specs and Drawing Upd: | 237.50 | 10,000.00 | 2.38 |
| Center Pivot Replacements | | | | |
| 10-924-5601 | Center Pivot Replacements | .00 | 500,000.00 | .00 |
| | Total Center Pivot Replacements: | .00 | 500,000.00 | .00 |
| Sludge Lagoon Liner | | | | |
| 10-925-5601 | Sludge Lagoon Liner | 5,040.00 | 77,250.00 | 6.52 |
| | Total Sludge Lagoon Liner: | 5,040.00 | 77,250.00 | 6.52 |
| Fueling Station Diesel and Gas | | | | |
| 10-927-5601 | Fueling Station - diesel & gas | 11,272.19 | .00 | .00 |
| | Total Fueling Station Diesel and Gas: | 11,272.19 | .00 | .00 |
| SCADA Plant | | | | |
| 10-928-5601 | SCADA Plant | .00 | 50,000.00 | .00 |
| | Total SCADA Plant: | .00 | 50,000.00 | .00 |
| Standby Generator Upgrade TP | | | | |
| 10-929-5601 | Standby Generator Upgrade TP | 7,448.72 | 1,000,000.00 | .74 |
| | Total Standby Generator Upgrade TP: | 7,448.72 | 1,000,000.00 | .74 |
| Existing 2nd Clarifier Removal | | | | |
| 10-930-5601 | Existing 2nd Clarifier Removal | .00 | 55,000.00 | .00 |
| | Total Existing 2nd Clarifier Removal: | .00 | 55,000.00 | .00 |
| Diversion Box Valve and Gate | | | | |
| 10-931-5601 | Diversion Box Valve & Gate | .00 | 60,000.00 | .00 |
| | Total Diversion Box Valve and Gate: | .00 | 60,000.00 | .00 |
| Anoxic Basin Improvements | | | | |
| 10-932-5601 | Anoxic Basin Improvements | .00 | 60,000.00 | .00 |
| | Total Anoxic Basin Improvements: | .00 | 60,000.00 | .00 |
| Chlorine Contact Basin Improve | | | | |
| 10-933-5601 | Chlorine Contact Basin Improvm | .00 | 50,000.00 | .00 |

Lindscott closeout in July

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|---------------------------------------|---------------------------------------|-----------------------------------|------------------------------|-------------------------------|
| | Total Chlorine Contact Basin Improve: | .00 | 50,000.00 | .00 |
| Battery Energy Storage System | | | | |
| 10-934-5601 | Battery Energy Storage System | 453.75 | 26,000.00 | 1.75 |
| | Total Battery Energy Storage System: | 453.75 | 26,000.00 | 1.75 |
| Primary Effluent Pump Optimiza | | | | |
| 10-935-5601 | Primary Effluent Pump Optimiza | 93,393.45 | 1,175,000.00 | 7.95 |
| | Total Primary Effluent Pump Optimiza: | 93,393.45 | 1,175,000.00 | 7.95 |
| Secondary Effluent Line Modifi | | | | |
| 10-936-5601 | Secondary Effluent Line Mod | 5,010.58 | 721,000.00 | .69 |
| | Total Secondary Effluent Line Modifi: | 5,010.58 | 721,000.00 | .69 |
| Aeration Sys Reliability Study | | | | |
| 10-937-5601 | Aeration Sys Reliability Study | .00 | 75,000.00 | .00 |
| | Total Aeration Sys Reliability Study: | .00 | 75,000.00 | .00 |
| Levee Road Restoration | | | | |
| 10-938-5601 | Levee Road Restoration | .00 | 150,000.00 | .00 |
| | Total Levee Road Restoration: | .00 | 150,000.00 | .00 |
| Cattail Dredging in Ponds | | | | |
| 10-939-5601 | Cattail Dredging in Ponds | .00 | 100,000.00 | .00 |
| | Total Cattail Dredging in Ponds: | .00 | 100,000.00 | .00 |
| | General Revenue Total: | 638,563.04 | 24,447,835.00 | 2.61 |
| | General Expenditure Total: | 5,133,034.57 | 38,055,747.00 | 13.49 |
| | Total General: | 4,494,471.53- | 13,607,912.00- | 33.03 |

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|--------------------------------------|------------------------------|-----------------------------------|------------------------------|-------------------------------|
| Marin Lagoon | | | | |
| Investment Income | | | | |
| 20-370-4710 | Bank Interest - Marin Lagoon | 139.65 | 400.00 | 34.91 |
| Total Investment Income: | | 139.65 | 400.00 | 34.91 |
| Marin Lagoon Expenses | | | | |
| 20-540-5000 | Regular Staff Salaries | .00 | 9,100.00 | .00 |
| 20-540-5010 | Overtime | .00 | 600.00 | .00 |
| 20-540-5312 | Grounds Maintenance | .00 | 500.00 | .00 |
| 20-540-5317 | Equipment Repair | .00 | 1,000.00 | .00 |
| 20-540-5319 | Capital Repair / Replacement | .00 | 1,000.00 | .00 |
| Total Marin Lagoon Expenses: | | .00 | 12,200.00 | .00 |
| Marin Lagoon Capital Improvmt | | | | |
| 20-812-5601 | Marin Lagoon Pump Station | 2,142.00 | 60,000.00 | 3.57 |
| Total Marin Lagoon Capital Improvmt: | | 2,142.00 | 60,000.00 | 3.57 |
| Marin Lagoon Revenue Total: | | 139.65 | 400.00 | 34.91 |
| Marin Lagoon Expenditure Total: | | 2,142.00 | 72,200.00 | 2.97 |
| Total Marin Lagoon: | | 2,002.35- | 71,800.00- | 2.79 |

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|---------------------------------------|--------------------------------|-----------------------------------|------------------------------|-------------------------------|
| Captain's Cove | | | | |
| Investment Income | | | | |
| 30-370-4710 | Bank Interest - Captains Cove | 28.44 | 250.00 | 11.38 |
| Total Investment Income: | | 28.44 | 250.00 | 11.38 |
| Captain's Cove Expenses | | | | |
| 30-520-5000 | Regular Staff Salaries | .00 | 10,000.00 | .00 |
| 30-520-5315 | Equipment Maintenance | .00 | 700.00 | .00 |
| 30-520-5317 | Equipment Repair | .00 | 1,800.00 | .00 |
| 30-520-5423 | Telephone and Cell Services | .00 | 100.00 | .00 |
| Total Captain's Cove Expenses: | | .00 | 12,600.00 | .00 |
| Captains Cove Capital Improvmt | | | | |
| 30-913-5601 | Captain Cove Pump Station Upgr | .00 | 18,000.00 | .00 |
| Total Captains Cove Capital Improvmt: | | .00 | 18,000.00 | .00 |
| Captain's Cove Revenue Total: | | 28.44 | 250.00 | 11.38 |
| Captain's Cove Expenditure Total: | | .00 | 30,600.00 | .00 |
| Total Captain's Cove: | | 28.44 | 30,350.00- | .09- |

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|-----------------------------|--------------------------------|-----------------------------------|------------------------------|-------------------------------|
| Connection Fees | | | | |
| Investment Income | | | | |
| 40-370-4712 | Interest Connection Fees CapX | 10,988.66 | 21,780.00 | 50.45 |
| | Total Investment Income: | 10,988.66 | 21,780.00 | 50.45 |
| Connection Fees CapX | | | | |
| 40-380-4820 | Connection Fees CapX | 11,564.00 | 320,420.00 | 3.61 |
| | Total Connection Fees CapX: | 11,564.00 | 320,420.00 | 3.61 |
| | Connection Fees Revenue Total: | 22,552.66 | 342,200.00 | 6.59 |
| | Total Connection Fees: | 22,552.66 | 342,200.00 | 6.59 |

| Account Number | Account Title | 2024-25 Current year Actual | 2024-25 Adopted Budget | Earned Expended Percent |
|---------------------------------------|--------------------------------|-----------------------------------|------------------------------|-------------------------------|
| Recycled Water | | | | |
| Recycled Water Charges | | | | |
| 60-320-4210 | Recycled Water | .00 | 143,400.00 | .00 |
| Total Recycled Water Charges: | | .00 | 143,400.00 | .00 |
| Investment Income | | | | |
| 60-370-4710 | Interest RW Cap Resv 10% x3983 | .00 | 1,580.00 | .00 |
| 60-370-4715 | Interest on RW CD x5679 | 758.30 | 3,050.00 | 24.86 |
| Total Investment Income: | | 758.30 | 4,630.00 | 16.38 |
| Other Nonoperating | | | | |
| 60-380-4830 | MMWD Buy-in & Bond Share CapX | 26,889.69 | 613,657.00 | 4.38 |
| 60-380-4840 | RW Cap Repair & Replace 10% | .00 | 15,940.00 | .00 |
| Total Other Nonoperating: | | 26,889.69 | 629,597.00 | 4.27 |
| Recycled Water Expenses | | | | |
| 60-620-5000 | Regular Staff Salaries | 2,087.70 | 12,900.00 | 16.18 |
| 60-620-5010 | Overtime | 607.94 | .00 | .00 |
| 60-620-5211 | General Operating Supplies | .00 | 300.00 | .00 |
| 60-620-5284 | Laboratory Supplies | .00 | 2,200.00 | .00 |
| 60-620-5315 | Equipment Maintenance | .00 | 2,100.00 | .00 |
| 60-620-5317 | Equipment Repair | .00 | 4,900.00 | .00 |
| 60-620-5341 | Environmental | 981.90 | 25,600.00 | 3.84 |
| 60-620-5345 | SCADA Engineering Support | .00 | 23,800.00 | .00 |
| 60-620-5361 | Consulting IT Services | .00 | 7,600.00 | .00 |
| 60-620-5362 | Incidental Software | .00 | 7,800.00 | .00 |
| 60-620-5423 | Telephone and Cell Services | 673.87 | 400.00 | 168.47 |
| Total Recycled Water Expenses: | | 4,351.41 | 87,600.00 | 4.97 |
| Recycled Water Capital Imprvmt | | | | |
| 60-851-5601 | Recycled Water Facility | .00 | 2,000.00 | .00 |
| Total Recycled Water Capital Imprvmt: | | .00 | 2,000.00 | .00 |
| Recycled Water Revenue Total: | | 27,647.99 | 777,627.00 | 3.56 |
| Recycled Water Expenditure Total: | | 4,351.41 | 89,600.00 | 4.86 |
| Total Recycled Water: | | 23,296.58 | 688,027.00 | 3.39 |
| Grand Totals: | | 4,450,596.20- | 12,679,835.00- | 35.10 |




Item Number 4.4

GM Review CP

Agenda Summary Report

To: Board of Directors

From: Dale McDonald, Administrative Services Manager 
(415) 526-1519 dmcdonald@lqvsd.org

Meeting Date: November 7, 2024

Re: Presentation of Certificate of Achievement for Excellence in Financial Reporting

Item Type: Consent Action Information Other

Standard Contract: Yes No (See attached) Not Applicable

STAFF RECOMMENDATION

Board to receive presentation of Certificate of Achievement of Excellence in Financial Reporting from Government Finance Officers Association.

BACKGROUND

On September 11, 2024, the Government Finance Officers Association of the United States and Canada (GFOA) awarded the Certificate of Achievement for Excellence in Financial Reporting to Las Gallinas Valley Sanitary District for its annual comprehensive financial report for the fiscal year ended June 30, 2023. This is the twelfth consecutive year that the District has been awarded a Certificate of Achievement. The report has been judged by an impartial panel to meet the high standards of the program, which includes demonstrating a constructive "spirit of full disclosure" to clearly communicate its financial story and motivate potential users and user groups to read the report.

The Certificate of Achievement is the highest form of recognition in the area of governmental accounting and financial reporting, and its attainment represents a significant accomplishment by a government and its management.

In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized annual comprehensive financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

PREVIOUS BOARD ACTION

None

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

There is no impact for receiving this award.



Government Finance Officers Association
203 North LaSalle Street, Suite 2700
Chicago, Illinois 60601-1210
312.977.9700 fax: 312.977.4806

9/11/2024

Curtis Paxton
General Manager
Las Gallinas Valley Sanitary District, California

Dear Curtis:

We are pleased to notify you that your annual comprehensive financial report for the fiscal year ended June 30, 2023 qualifies for GFOA's Certificate of Achievement for Excellence in Financial Reporting. The Certificate of Achievement is the highest form of recognition in governmental accounting and financial reporting, and its attainment represents a significant accomplishment by a government and its management.

When a Certificate of Achievement is awarded to a government, an Award of Financial Reporting Achievement (AFRA) is also presented to the individual(s) or department designated by the government as primarily responsible for its having earned the Certificate. This award has been sent to the submitter as designated on the application.

We hope that you will arrange for a formal presentation of the Certificate and Award of Financial Reporting Achievement, and give appropriate publicity to this notable achievement. A sample news release is included to assist with this effort.

We hope that your example will encourage other government officials in their efforts to achieve and maintain an appropriate standard of excellence in financial reporting.

Sincerely,

A handwritten signature in black ink that reads "Michele Mark Levine". The signature is written in a cursive, flowing style.

Michele Mark Levine
Director, Technical Services



SSO SPILL SUMMARY

- No Spills to Report

KEY MAINTENANCE PROJECTS - Maintenance was completed on the following:

Bio-Wheel Repairs

- 14 Pin replacements
- 29 Link replacements

Emergency Repair

- Removed and replaced complete drive unit on bio-wheels.

Key Maintenance Projects

- Completed 589 Routine Preventative Maintenance Work Orders for the Treatment Plant, Pump Stations and Reclamation.
- Removed and replaced two 5000-gal storage tanks with new tanks and plumbing for the Poly Aluminum Chloride and Ferric Chloride systems.
- Removed and rebuilt 3 gear box units for the bio-wheel drive units.
- Installed two new gates in reclamation.
- (400) Fleet Maintenance Inspections

SAFETY ISSUES AND TRAINING

- Forklift Operator Certification – Du-All
- Fundamentals of Rigging and Signaling (Crane/Overhead Hoist) – Du-All
- Fire Extinguisher/Fire Safety – Du-All

OTHER

- Collection System – Pump Station Maintenance (Routine)
- Air Release Valve Maintenance (Quarterly)

REQUESTS FOR PROPOSALS

- None

PERFORMANCE METRICS

Collection System Cleaning and CCTV Inspection

- Flushed/Rodded = 118,045 feet; Percent of District = 21.3%.
- CCTV Inspected = 41,605 feet; Percent of District = 7.5%
- Manhole inspections performed = 634
- USA Ticket Work Orders = 564

CNG Fueling Stations

- Smith Ranch Fuel Station
 - 10 Fill-ups
 - Total Diesel Gallon Equivalent (DGE) = 263 DGE
 - Average MPG = 4.55 MPG/3-month miles driven = 1,037.8

Pump Station Highlight – Smith Ranch (3 – 20hp Flygt Pumps)

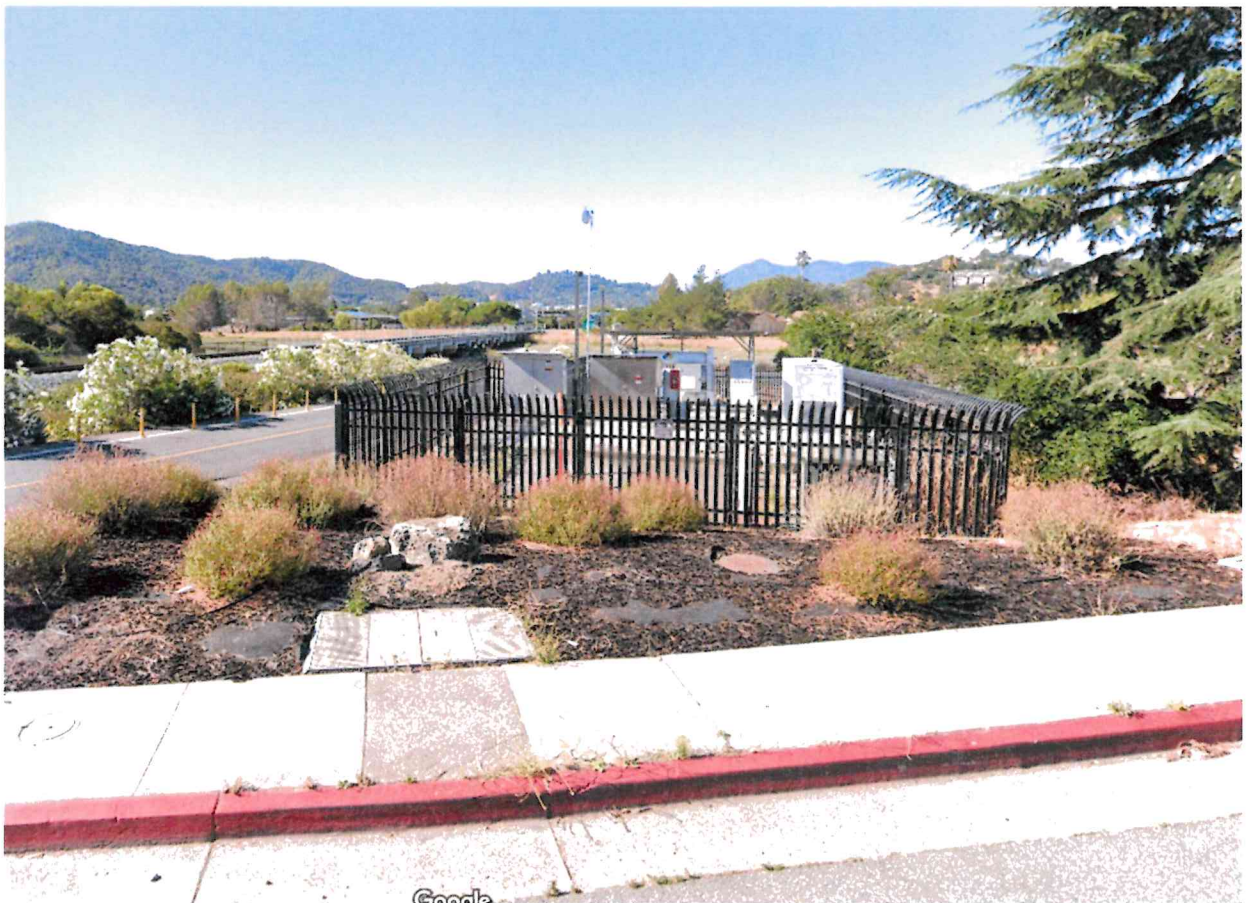
Location: Smith Ranch Road at Silveira Parkway, San Rafael CA 94903

Parcel 155-300-19

Date Constructed: 1964

Expansions: 1993, 2008

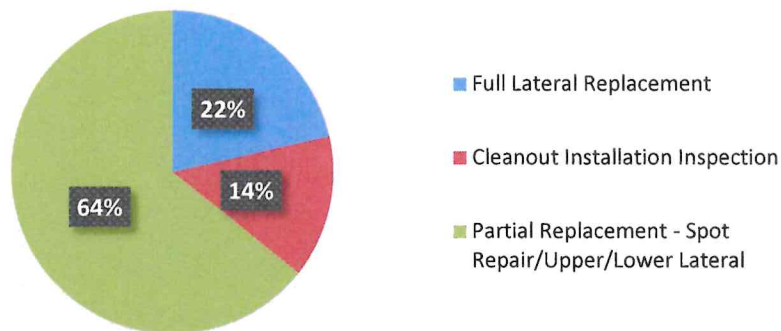
Estimated wet well capacity: approximately 8,812 gallons



Lateral Construction and Repair Inspections

- Applications received = 13; Actual Inspections Performed = 12
- Full Replacement Inspections Performed = 3 Full Replacements
- Cleanout Installation Inspections Performed = 2 Cleanout Installations
- Spot Repairs/Upper/Lower Replacements Performed = 9 partial replacements or spot repairs

Lateral Construction and Repair Inspections



Sewer Lateral Ordinance No. 180 - Number of Applications Processed

- Home Sale Applicants = 51 received
- Building Permit (\$30,000 valuation) Applicants = 5 received

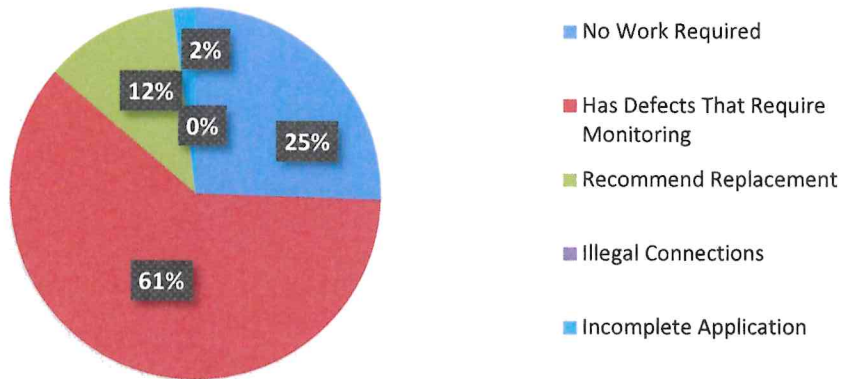
Applications - Home Sale vs Building Permit (Triggers)



Sewer Lateral Ordinance No. 180 - Letter of Findings

- Home Sale Letter of Findings Issued = 51; 6 - recommend replacement, 31-have defects that require monitoring, 13 - no work or monitoring required, 1 – Incomplete Applications, 0 – Illegal connection

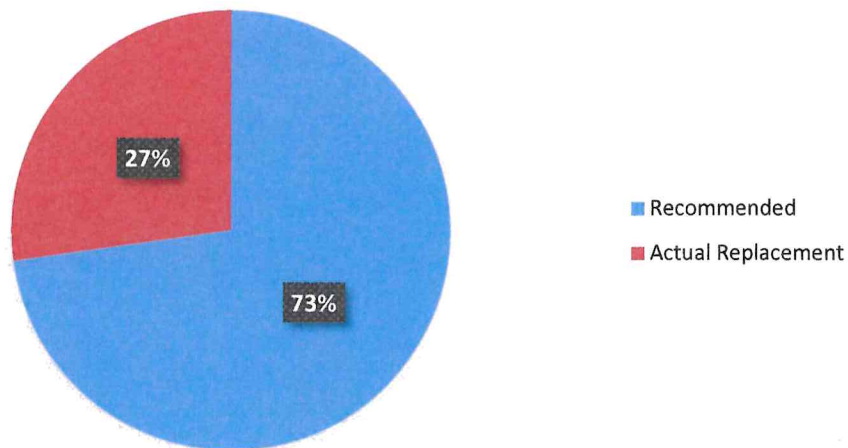
Letter of Findings Issued



Total # of Recommended Lateral Replacements vs Actual Replacements

- Ordinance 180 – 219 Recommended Replacements vs 82 Actual Replacements

Recommended vs Actual Replacement





Item Number 5

GM Review CP

Agenda Summary Report

To: Board of Directors
From: Michael P. Cortez, PE, District Engineer
 (415) 526-1518; mcortez@lqvsd.org
Meeting Date: November 7, 2024
Re: Hazen & Sawyer Biosolids Management Strategy Proposal
Item Type: Consent _____ Action X Information _____ Other _____
Standard Contract: Yes X No _____ (See attached) Not Applicable _____

STAFF RECOMMENDATION

Board to approve Hazen & Sawyer’s proposal for Biosolids Management Strategy in the amount of \$199,640.

BACKGROUND

On September 25, 2024, District staff reviewed with the Biosolids Ad Hoc Committee a proposal from Hazen & Sawyer to prepare a comprehensive plan for the District’s long-range biosolids management strategy with the following objectives:

1. Evaluate existing sludge and solids handling equipment at the plant and reclamation area, identify large capital expenditures, and develop a phased replacement plan as part of the Capital Improvement Program.
2. Evaluate near-term needs for a five-year horizon and future long-term regulatory challenges, emerging treatment process technologies, and cost-benefit analyses of potential revenue sources such as collaborative biosolids land application opportunities with neighboring sanitary districts.
3. Develop cost-effective alternatives for the current practice of agricultural biosolids land application that started in 2022, under a permit issued by the Regional Water Quality Control Board (RWQCB) that will expire in February 2026. As part of the transfer of the GHD contract to Parsons for the remaining tasks outlined in the permit, staff directed Parsons to remove all tasks associated with biosolids management strategy in their scope. Parsons agreed to communicate institutional knowledge to Hazen on an as-needed basis as part of their contract.

Prior to the September 25, 2024 meeting, on July 26, 2024, District staff presented to the Biosolids Ad Hoc Committee a proposal from West Yost in addition to the Hazen proposal. District staff informally requested the proposals without issuing a formal Request for Proposals. Both proposals provided a broad overview of potential biosolids management strategies. While both consultants appear qualified for the discrete tasks that staff requested, the Ad Hoc Committee concurred with staff recommendation to award a contract to Hazen. Staff based the recommendation on Hazen’s understanding of existing District facilities from recent projects and studies, and history of their good working relationship with the District.



PREVIOUS BOARD ACTION(S)

N/A

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

The proposal will exceed the existing feasibility study budget of \$74,000. Management will reallocate funding from other operations & maintenance accounts as part of the the mid-year budget revision, primarily from the reclamation area land application account, to cover the shortfall.

September 16, 2024

Mr. Mike Cortez, PE
District Engineer
Las Gallinas Valley Sanitary District
101 Lucas Valley Road Suite 300
San Rafael, CA 94903

Re: Feasibility Study for Biosolids Treatment and Beneficial Disposal, Revision 1

Dear Mr. Cortez:

The Las Gallinas Valley Sanitary District (District) operates a wastewater collection and treatment system in Marin California, north of and partially including the City of San Rafael serving a population of approximately 30,000. The District's collection system includes 35 pump stations, 3,064 manholes, 3,121 gravity pipes, and 80 force mains. Wastewater is then treated at the District's Wastewater Treatment Plant (WWTP) located at 300 Smith Ranch Road. The average dry weather flow design capacity is 2.92 Million Gallons per Day (MGD), with peak flows up to 25 MGD typically occurring during extreme wet weather storm conditions.

The liquid treatment processes at the WWTP include the following, in order of flow:

- Headworks with two mechanically cleaned screens
- Two aerated grit chambers
- Three primary clarifiers
- New secondary treatment with four anoxic basins and four aeration basins
- Two secondary clarifiers
- Two chlorine contact basins (underground)
 - Disinfection using sodium hypochlorite
 - Dechlorination using sodium bisulfite
- Ponds for effluent storage
- Recycled water system

The solid treatment processes including the following, in order of flow:

- Primary sludge (from the primary clarifiers) to the thickener
- Waste activated sludge (WAS) (from the secondary clarifiers) to the thickener
- Gravity thickener
- Primary digester
- Secondary digester
- Digested Sludge Pump Station
- Lagoons and/or land disposal

Hazen and Sawyer (Hazen) has been assisting the District with several projects in the collection system and WWTP, including multiple on-call task orders, development of a hydraulic model, updating of design standards, peer reviews related to the secondary treatment system, and construction support services at the WWTP. The District’s goal is to convert their biosolids into a beneficial resource, and Hazen looks forward to continuing to help the District by assisting with evaluating biosolids treatment and beneficial disposal, as described in this proposal.

With that background, the District is faced with the challenge of distinguishing between the firms proposing. Each firm will offer extensive experience and staff qualifications and provide supporting documentation about their unique knowledge of the District’s facilities. The following are key messages that help define and distinguish the Hazen Team, who have completed similar assignments locally as well as throughout the country:



Understanding the District’s Assets and Needs.

Hazen is working on several projects for the District, including preparing a hydraulic model for the collection system, updating and managing nine task orders. This has included reviewing the WPO TM and providing construction support services related to the Secondary Treatment Hydraulic Improvements. Hazen, with the District’s cooperation, is also working with several developers to help them evaluate the impact of their new wastewater flows on the District’s collection and treatment system, using the District Standards to provide uniformity for these evaluations.



The Hazen Team’s Wastewater Experience



A Proven Team with a Local, Committed, and Accessible Project Manager Who Produces Results. Our Team, led by Gregg Cummings, consists of the same core members who recently delivered on the District's On-Call task orders and other projects. Gregg is committed to being accessible and providing the highest level of service to the District.



Experience with Biosolids Management. Recently, Hazen completed biosolids projects for Town of Windsor, Goleta Sanitary District, and Union Sanitary District, and we will bring our same experienced team to efficiently and effectively assist the District with biosolids planning.

Hazen is pleased to provide the proposal, which includes General Firm Information, Project Understanding and Approach, and a Compensation Matrix.

The local Hazen Team offers exceptional service, recent experience with Biosolids Management for other agencies, and an understanding of the District's unique needs, making Hazen an outstanding choice for this assignment. We confirm that Hazen can meet the required insurance levels, agrees to the previously negotiated contract language, and that Marc Solomon has authority to negotiate and contractually bind Hazen. If you have any questions about this proposal, please do not hesitate to contact Gregg Cummings at gcummings@hazenandsawyer.com or (415) 307-9505.

Sincerely,

Hazen

Gregg A. Cummings, PE

Project Manager/Senior Associate

Marc Solomon, PE, BCEE, D.WRE

Principal-In-Charge/Vice President

Cc: Irene Huang, PE

General Firm Information

Hazen is a nationally and internationally recognized environmental engineering consulting firm founded in 1951, with over 1,700 employees who specialize in the engineering and construction of wastewater, water, and stormwater facilities. Hazen has eight offices in California, including four in the Bay Area with over 40 staff. We are currently conducting several projects for the District, including the Digester Room MCC-2 Upgrade, Collection System Hydraulic Model Development, Updating Design Standards, and As-Needed Engineering and On-Call Services. Hazen is also working with District staff and developers on four development projects using District Standards.

Hazen's Firm Project References, Organizational Chart, Brief Resumes of Key Staff, and Hourly Rates are included at the end of this proposal.

Project Understanding and Approach

Project Understanding and Objectives

The District's WWTP provides secondary wastewater treatment. Solids are removed from the primary and secondary clarifiers to the gravity thickener. Thickened sludge is then transferred to the Primary and Secondary Digesters, which are operated in series. Digested sludge is sent to the Digested Sludge Pump Station, where it is pumped to the lagoons for storage prior to being spread on the District's nine acre property. From a regulatory perspective, this is generally considered "biosolids surface disposal," which the District elected to discontinue in 2022 after several decades in practice.

In alignment with the District's goal of transitioning from surface disposal to beneficial use starting 2023, the Regional Water Quality Control Board (Regional Board) in mid-2022 issued a Notice of Applicability (NOA) to the District to land apply biosolids as a soil amendment in agricultural activities in the Reclamation Area under the State's General Order. As a condition of approval, the Regional Board required the District to participate in the Purdue University 3-year Environmental Protection Agency (EPA) Per- and Polyfluoroalkyl Substances (PFAS) and Unregulated Organic Chemicals in Biosolids research project. Notwithstanding the NOA and research program requirements for beneficial use, the District retained surface disposal as a contingency plan in its biosolids management program. Such contingency plan provides flexibility for the District to develop a more comprehensive roadmap of near-term and long-term biosolids management strategies before or after expiration the NOA and research program in 2025.

The near-term roadmap (next 5-years) is based on the following:

- Providing compliance to the reporting and monitoring requirements of the current NOA and EPA research program by understanding and delineating parallel activities outlined in the agreement with GHD for Sampling, Monitoring, and Reporting Services. The District anticipates transferring the remainder of the current contract with GHD (expires in 2025) to Parsons by end of September 2024 to provide uninterrupted project management services by the current project manager who moved to Parsons.
- Providing regulatory compliance support services to EOA (current District permit consultant) as it relates to Biosolids.

- Developing land application methods to be utilized starting 2025. The District utilized an unused 66-acre acre portion of the 304 acres property in 2023 and has awarded a contract for the same method in July 2024.
- Evaluating potential revenue generation from hay or other crops as products of land application (Tentative implementation if feasible: 2026)
- *Evaluating options for increasing the beneficial use of biosolids* as final cover material for landfills or *fertilizer* (Tentative implementation if feasible: 2026).
- Investigating potential green waste/biosolids *composting* opportunity with privately owned Marin Sanitary Service (Tentative implementation if feasible: 2027).
- Evaluating collaborative biosolids land application opportunity with neighboring Marin County sanitary districts. A 2020 feasibility study by HDR indicates that essentially 304 acres in the Reclamation area is feasible for land application of biosolids. CMSA, SASM, Belvedere-Tiburon, and SMCSO supplied letters of interest in 2020. (Tentative implementation if feasible: 2028).

The long-term roadmap (2030 and beyond) is based on the following:

- Planning, design, and construction of post-digestion and solids handling facilities in the Reclamation Area.
- Evaluating technologies that replace anaerobic digestion.
- Evaluating commercially proven thermal treatment process technologies for biosolids such as incineration.
- Evaluating emerging thermal treatment process technologies for biosolids such as gasification, pyrolysis, and post digestion solids/gas handling.
- Evaluating potential revenue generation such as biochar and biofuel.
- Developing portfolio framework.

The District would like to evaluate options for increasing the beneficial use of the District’s biosolids. These options may include using biosolids as fertilizer and composting.

Scope of Work

The following scope of work reflects an integrated approach to provide technical services, project management, and coordination for assisting the District with Biosolids Treatment and Beneficial Disposal.

Task 1 – Project Management and Quality Control

Objectives: To successfully manage the scope, schedule, budget, and quality control to conduct the feasibility study.

Tasks: The Project Manager will be responsible for managing the project, including confirming quality control reviews. Hazen will:

- Provide overall technical, financial, and administrative management for the task order and maintain effective communication with the District project staff. Specific project management activities include work coordination and scheduling, project budget and

schedule monitoring, subcontracting, preparation of monthly invoices, and project status reports.

- Alert the District Project Manager if significant scope, budget or scheduling concerns arise, so that Hazen and the District Project Manager can come to a mutually agreed-upon solution.
- Coordinate Quality Assurance / Quality Control activities for the task order.
- Prepare and submit monthly status reports.

Assumptions:

- The project will run from July 1, 2024, through February 28, 2025.

Meetings: The following meetings are included in this task:

- Meetings are included in Task 3.

Deliverables: The following deliverables are included in this task:

- Monthly progress reports,.

Task 2 – Kickoff Meeting and Background Document Review

Objectives: To review available documents in preparation for the feasibility study and conduct an initial project kickoff meeting.

Tasks: Hazen will:

- Coordinate a 2-hour Kickoff Meeting and Site Visit to review the scope, schedule, and budget for the project with District staff, obtain relevant documents, and discuss project overview to better understand the District’s concerns and goals for this project. For meetings included in this project Hazen will prepare and distribute agenda in pdf format via email.
- Review background documentation provided by the District and develop a list of documents reviewed along with a short description of each document. Anticipated documents to review include:
 - Land Application Studies for the 304-acre District property by HDR (see dropbox links:
 1. https://www.dropbox.com/scl/fi/x6m0npstt1154zsdz39pi/LGVSD_TM_Land_Application_Site_Feasibility_Study_TM_20200914.pdf?rlkey=t3kta1wjh5lnogjsuwdn7jtjo&dl=0
 2. https://www.dropbox.com/scl/fi/ipo3mwje34j1nhl1ohagp/LGVSD_TM_Land_Application_Site_Feasibility_Study_TM_20200916.pdf?rlkey=e5kgio7a3bk5hw2xo1ed52uav&dl=0

3. <https://www.dropbox.com/scl/fi/9ufgr9i7oxj9kqczjym5o/Appendix-A.pdf?rlkey=knc8pxr7dfmxfqme3xmrsqbg9&dl=0>
- Existing Notice of Intent (NOI) and Notice of Applicability (NOA). See dropbox link:
<https://www.dropbox.com/sh/ps2r5uhbdg0e031/AACzxMKCWPx66ZCeJZm36KEKa?dl=0>
 - Existing Composting Feasibility Study and Hay Marketability and Value. See dropbox links:
 1. <https://www.dropbox.com/scl/fi/w6iow8jfa0taiyjn8tw2/Biosolids-Compost-Market-Research-Report-Final.pdf?rlkey=az4ptho6lnqtnw5o5f703vs0f&dl=0>
 2. <https://www.dropbox.com/scl/fi/eyduz7ckx3kki733y8pc4/LGVSD-Hay-Marketability-and-Value.pdf?rlkey=ml6yvavvusmxz3lghc1pn79cu&dl=0>
 3. https://www.dropbox.com/scl/fi/oyc7natesj04r6cqu3lqo/12586396-MEM-Regional-Biosolids-Compost-Facility-Basis-of-Planning_rev1.pdf?rlkey=5wdsvfoo6ualsqshnx29vbdw9&dl=0
 - Develop a list of additional information required for the study, if required.

Assumptions:

- The District will provide the documents to be reviewed.
- The following is excluded: Sampling, Monitoring, and Reporting Services for NOA and MRP Compliance as outlined in the current District contract with GHD. See dropbox link:
https://www.dropbox.com/scl/fi/zuhgi5ahb9u3mh5tl5b6p/GHD_Proposal_LGVSD_Biosolids_Program_Support_20220922rev1_received-10-12-22.pdf?rlkey=huwo0s5peeld7io0xko7vrclu&dl=0

Meetings: The following meetings are included in this task:

- One Kickoff Meeting and Site visit, to be conducted at the WWTP.

Deliverables: The following deliverables are included in this task:

- Meeting agenda and minutes.
- Request for additional information, if required, delivered via email.
- List of documents reviewed.

Task 3 – Meetings and Site Visits

Objectives: To visit the site and meet with District staff during key points in the study.

Tasks: Hazen will:

- Conduct two 2-hour site visits, including on-site discussions with District staff, and provide a brief email summary from the visit.
- Participate in four 1-hour Project calls to discuss the project status and receive input on deliverables and questions.

Assumptions:

- The District will provide site access for Site Visit and will provide access to District staff for on-site discussions.
- Meetings will be coordinated Hazen and will be conducted by MS Teams.
- Hazen will be responsible for meeting agenda and minutes.
- Confined space entry, material testing, and sampling are not included.

Meetings: The following meetings are included in this task:

- Two 2-hour Site Visit
- Four 1-hour Project calls.

Deliverables: The following deliverables are included in this task:

- Meeting agenda and minutes, delivered as pdf via email.
- Site visit notes, delivered as pdf via email.

Task 4 – Evaluate Existing Solids Handling

Objectives: To review the District’s existing biosolids treatment system to determine the feasibility of producing Class A Biosolids.

Tasks: Hazen will:

- Review with the District’s team, the current and estimated future sludge production to be processed in terms of flows and loads. In evaluating and sizing technologies, Hazen will review observed historical data, the peaking factors including max month and max two weeks for proper sizing.
- Conduct a desktop review of the existing Thickener, Digesters, and Lagoons to determine estimated remaining lifespans for these processes and the potential to develop Class A biosolids from these facilities. Producing Class A Biosolids is becoming desirable for various utilities across the US due to pressures on the beneficial use of Class B Biosolids

when practicing land application. A recent trend we observed is that end use market conditions favor Class A dried material as compared to Class A dewatered cake.

- Identify potential outside sources of sludge to be treated by the District's solids handling facilities and estimate the feasibility and cost effectiveness of treating sludge from outside sources.
- Conduct preliminary evaluation of applicable Class A Biosolids technologies and develop a shortlist of two to three technologies for detailed evaluation to arrive at the recommended technology for implementation at the District WWTP.
- Prepare and submit a Technical Memorandum (TM) summarizing the results of this task.
- Conduct a two-hour meeting with District staff to review the preliminary findings and confirm a short-list of technologies to evaluate further.

Assumptions:

- The District currently produces Class B Sludge.
- District will provide data on existing solids handling facilities.

Meetings: The following meetings are included in this task:

- One 2-hour meeting

Deliverables: The following deliverables are included in this task:

- TM summarizing the results of Task 4.

Task 5 – Conduct Evaluation of Short-Listed Solids Handling Technologies

Objectives: To build upon the results of Task 4 and identify preferred technologies for solids handling.

Tasks: Hazen will:

- Evaluate dewatering and thickening technologies. Drying and thickening is typically required to improve sludge quality at the WWTP. Also, if the District is interested in offering an option to the surrounding agencies to dispose and treat their sludge, then the imported sludge will also require dewatering and thickening.
- Evaluate the size and components of a receiving station to arrive at the proper configuration.
- Evaluate digestion alternatives, including rehabilitation and replacement of the existing digesters.
- Evaluate thermal drying technologies and evaluate bio drying.
- Evaluate solar drying. This technology is more a greenhouse type drying of the dewatered sludge, where the dewatered sludge is spread on a concrete slab and turned over automatically to further dry the sludge.

- For construction cost, Hazen will contact the appropriate vendors for each technology and obtain sizing and equipment budgetary quotes and develop construction cost of each technology. For operating and maintenance cost (O&M), Hazen will consider energy consumption, staff requirements and maintenance requirements to determine the annual O&M cost for each technology. The construction and annual O&M costs will be used to arrive at the 20-year Life Cycle Cost (LCC).
- Prepare and submit a Basis of Design TM summarizing the results of this task.
- Conduct a two-hour meeting with District staff to review the findings.

Assumptions:

- District will assist with identify potential sources of outside sludge.

Meetings: The following meetings are included in this task:

- One 2-hour meeting

Deliverables: The following deliverables are included in this task:

- TM summarizing the results of Task 5.

Task 6 – Capture Near-Term and Long-Term Objectives

Objectives: To build upon the results of Tasks 2 through 5 to capture Near-Term and Long-Term Objectives.

Tasks: Hazen will:

- Develop an evaluation matrix (Hazen’s Converge Model) for evaluating Near-Term and Long-Term objectives.
- Coordinate a 1-hour meeting with the District to review the evaluation matrix and incorporate District input.
- Evaluate Near-Term and Long-Term Objectives, These objectives are anticipated to include:
 - Near-Term – compliance with NOA and EPA research, develop potential land application methods, identify potential agricultural revenue, evaluate beneficial use options, investigate green waste / biosolids composting opportunities, and evaluate collaborative biosolids land application opportunities
 - Long-Term – develop post-digestion and solids handling planning, evaluate options for anaerobic digestion replacement, evaluate potential thermal treatment processes, review emerging treatment processes, identify potential revenue generation (e.g., biochar, biofuel), and develop a portfolio framework.
- Prepare a TM summarizing the results of Tasks 2 through 5.
- Present the results to the District in a 1-hour meeting.
- Finalize the TM, incorporating District comments.

Assumptions:

- District will review and provide input on the Near-Term and Long-Term objectives.

Meetings: The following meetings are included in this task:

- One 2-hour meeting

Deliverables: The following deliverables are included in this task:

- TM summarizing the results of Task 2 through 5.

Schedule

The proposed for this project is summarized below:

- Notice to Proceed: October 1, 2024
- Kickoff Meeting and Background Document Review: October - December 2024
- Meetings and Site Visits: October 2024 to January 2025
- Evaluate Existing Solids Handling: January to March 2025
- Conduct Detailed Evaluation: April to June 2025
- Capture Near-Term and Long-Term Objectives: June to July 2025
- End of Project: July 2025

Dates to be adjusted accordingly after signing contract.

Budget

The budget for this project is \$199,640:

| Task No. | Task Name | Hours | Budget |
|--------------|---|------------|------------------|
| 1 | Project Management and Quality Control | 51 | \$15,910 |
| 2 | Kickoff Meeting and Background Document Review | 51 | \$10,630 |
| 3 | Meetings and Site Visits | 49 | \$11,880 |
| 4 | Evaluate Existing Solids Handling | 194 | \$43,780 |
| 5 | Conduct Evaluation of Short-Listed Solids Handling Technologies | 310 | \$72,810 |
| 6 | Capture Near-Term and Long-Term Objectives | 194 | \$44,630 |
| | | | |
| Total | | 849 | \$199,640 |

Firm Project References

Goleta Sanitary District Biosolids and Energy Strategic Plan, Goleta Sanitary District, Goleta, CA

The District identified future risks based on a significant increase in energy costs and demands for the direct and indirect potable water reuse programs. Other risks are the loss of one of the existing biosolids beneficial use outlets and increased pressure from regulatory perspectives on beneficial use of biosolids. To mitigate the future risks, the District established several priorities and goals and initiated a biosolids and energy strategic plan.



Relevant Highlights

- Focus on recovering energy and expanding beneficial biosolids use
- Selected upgrades to mitigate future risks
- Thermal drying was found to be most beneficial

Reference

Steve Wagner, General Manager
(805) 967-4519 | swagner@goletasanitary.org

Las Gallinas Valley Sanitary District, As-Needed Engineering and On-Call, San Rafael CA

As part of Hazen’s As-Needed Engineering and On-Call contracts, we assisted the District apply District Standards for 245 Nova Albion and reviewed the connection request for the Los Gamos development. Hazen also assisted the District with obtaining air permits and reviewing submittals for a new generator, evaluating Administration Building constructability, and conducting a condition assessment inspection of a digester.



Relevant Highlights

- Familiarity with District Standards
- Understanding of developer requirements
- Constructability and permitting assistance

Reference

Ms. Irene Huang, PE, | LGVSD
(415) 472-1734 | ihuang@lgsd.org

San Francisco International Airport, Mel Leong Treatment Plant, Long Term Strategy, San Francisco, CA

The Airport tasked Hazen and Sawyer with the LTS project, with the end goal of developing a 30-year roadmap for upgrades at MLTP. Hazen is currently utilizing its approach of comprehend, explore, and converge to ensure the LTS provides detailed and actionable trigger-based roadmaps and capital investment estimates for the Airport.



Relevant Highlights

- Developed long-term strategy for a holistic approach
- Worked with client’s engineers and operators to develop a collaborative biosolids approach
- Solar drying and biodry/pyrolysis were selected as options for preliminary design

Reference

Mark Costanzo, PM
(650) 821-7809 | mark.costanzo@flysfso.com

Town of Windsor Engineering Consulting Services for Biosolids Treatment and Disposal, Windsor, CA

The Town of Windsor brought in Hazen to reassess their biosolids management approaches to accommodate land application regulations, air pollutant mitigation and greenhouse gas emission requirements, and landfill bans on organic waste. Hazen reviewed the Town's existing biosolids handling, evaluated Class A and Class B options, evaluated drying technologies, and developed a Basis of Design Technical Memorandum.



Relevant Highlights

- Focus on expanding beneficial biosolids use and cost effectiveness of Class A versus Class B
- Evaluated drying technologies
- Paddle drying was found to be most beneficial

Reference

Dave Ernst, Town Project Manager

Organizational Chart

The Hazen Team presented in the organizational chart below was selected based on two very important criteria: **familiarity** with the District and **experience** designing with solids handling projects. This is the same team that recently completed the Town of Windsor and Goleta Sanitary District biosolids studies. Our team members have the required technical and management expertise and are prepared to begin your project immediately.



A summary of Key Staff qualifications is presented below:



Gregg Cummings, PE | Project Manager

*M.S., Environmental/Structural Engineering, San Jose State University
B.S., Civil Engineering, University of California, Berkeley
Professional Engineer*

Gregg will be the Project Manager and the day-to-day contact for the District. He has over 38 years of experience in the planning, design, and construction support of water, wastewater, and recycled water projects, utility upgrades, hydraulic modeling, and engineering support related to design standards. Gregg is currently the Project Manager for the District’s Digester Room MCC2, Collection System Hydraulic Model Development, and On-Call projects. He is also Contract Manager and Technical Reviewer for SFPUC’s Wastewater and Stormwater Utilities Standards Project and Civil Design Manager for Union Sanitary Districts’ Campus Building project. Gregg managed digester projects for Pinole-Hercules and a Wine Producer, and managed dewatering projects for SFPUC and Valley Water.



Marc Solomon, PE, BCEE, W.DRE | Principal in Charge

*B.S., Civil Engineering, Duke University, North Carolina
M.S., Public Health, Tulane University, Louisiana
Professional Engineer, Water Treatment Plant Operator; Water Distribution System Operator
Board Certified Environmental Engineer Diplomate, Water Resource Engineer, Value Engineering Certification*

Marc will be the Principal in Charge and responsible for ensuring that the resources are available for these projects. Marc is an accomplished principal and project manager on a wide range of wastewater projects. Marc’s broad project experience has exposed him to all phases of project planning, design, system modeling, system controls, construction management, and operational reliability. This unique and diverse experience enhances his project management abilities and his ability to work effectively with project teams and externally with elected officials, engineers, operators, contractors, and the general public. Marc is Project Manager/Contract Manager for several current District projects and has been principal in charge for our most recent biosolids studies for the Town of Windsor and Goleta Sanitary District, guiding the direction of those projects.

Mohammad Abu-Orf, PhD | Technical Reviewer



*PhD, Environmental Engineering, University of Delaware
M.S., Environmental Engineering, University of Delaware
B.S. Civil Engineering, Birzeit University, Palestine*

With an extensive career spanning over 31 years, Dr. Abu-Orf is a seasoned expert in the field of biosolids master planning, process optimization, and conceptual design. Specializing in the areas of sludge dewatering, drying, stabilization, and energy recovery, Dr. Abu-Orf has successfully led numerous projects that have significantly improved operational efficiencies and environmental sustainability. Dr. Abu-Orf is Hazen’s Group Practice Leader,

with six patents as main inventor and more than 130 peer-review and conference proceedings. Dr. Abu-Orf has demonstrated exceptional leadership and technical prowess in managing complex projects. Dr. Abu-Orf's comprehensive knowledge of residuals and process optimization has been instrumental in developing innovative solutions that enhance the performance of sludge treatment facilities. Mo has been the technical lead for our Town of Windsor and Goleta Sanitary District biosolids projects.

C. Michael Bullard, PE | Technical Reviewer



*MCE, North Carolina State University
BSCE, North Carolina State University*

Michael serves as Hazen and Sawyer's National Residuals and Biosolids Mechanical Discipline Group Leader. With extensive experience in the full range of residuals and biosolids thickening, stabilization, dewatering, biogas utilization and treatment systems, Mr. Bullard is a recognized expert in the field. Mr. Bullard's areas of expertise include residuals and biosolids management, wastewater treatment facility design, and wastewater operations and process optimization. His comprehensive knowledge and hands-on experience make him an invaluable asset in advancing the field of residuals and biosolids management. Michael has been the technical lead for our Town of Windsor and Goleta Sanitary District biosolids projects.



Allan Briggs, PE | Solids Handling

*M.S., Civil Engineering, University of Massachusetts, Amherst
B.S., Chemical Engineering, University of the West Indies, St. Augustine, Trinidad and Tobago*

Allan is a Senior Environmental Engineer with over 23 years of international engineering experience and a deep understanding of the water and wastewater industry. He specializes in wastewater treatment processes, planning, design, and construction assistance. Allan's expertise spans planning, pre-design, and design of water, wastewater, and recycled water infrastructure. He excels in construction support, project management, and strategic thinking, consistently delivering high-quality, efficient projects. Allan's forward-thinking approach and commitment to excellence make him a valuable asset in environmental engineering.



Chris Portner, PE, CEP | Solids Handling

*M.S. Environmental Engineering, University of Maryland
B.S. Chemical Engineering, University of California*

Chris is an accomplished professional specializing in cost-estimate services for a wide range of infrastructure projects. His expertise spans water treatment and

distribution, wastewater treatment and distribution, combined sewer overflow (CSO) reduction, recycled water treatment and distribution, and roadway reconstruction. He is an AACE Certified Estimating Professional, ensuring his proficiency in delivering accurate and reliable cost estimates. Mr. Portner's dedication and extensive experience make him an asset in the field of infrastructure development.



Sergio Jimenez, EIT | Solids Handling

*M.S. Civil and Environmental Engineering, University of California, Berkeley
B.S. Civil and Environmental Engineering, University of California, Davis*

Sergio is an Assistant Engineer I at Hazen and Sawyer assisting in wastewater projects. His studies at UC Davis and UC Berkeley have allowed him to become experienced in projects relating to water chemistry, wastewater treatment, and biological water treatment. Before joining Hazen and Sawyer, Sergio interned at Regional San, in Elk Grove, CA where he was exposed to conducting field work, and assisting staff with regulatory compliance reports.



Emma Ressler, EIT | Solids Handling

B.S. Environmental Engineering, Minor in Spanish Studies, Clemson University, South Carolina

Emma is an Assistant Engineer II in the San Francisco office providing project engineering support to water and wastewater projects. She has experience in water and wastewater treatment design and condition assessment. Prior to Hazen, Emma earned a B.S. in environmental engineering from Clemson University. During her time at Clemson, she developed a strong foundation in environmental principles, advanced engineering techniques, and sustainable practices.



Item Number 6

GM Review CP

Agenda Summary Report

To: Board of Directors
From: Curtis Paxton, General Manager
 (415) 526-1511; cpaxton@lgsd.org
Mtg. Date: November 7, 2024
Re: 101 Lucas Valley Road Office Lease Renewal
Item Type: Consent Action Information
Standard Contract: Yes No (See attached) Not Applicable

Staff recommends that the Board authorize the General Manager to execute an amendment to the Lease Agreement for 101 Lucas Valley Road with Rathlin Properties, LLC, extending the lease for five (5) years through 11/30/2029.

BACKGROUND

On 10/18/2019, the District executed a five (5) year lease agreement with Rathlin Properties LLC for 3,560 square feet of office space and 350 square feet of boardroom space (total = 3,910 square feet) at 101 Lucas Valley Road, Suite 300, San Rafael, CA 93590. The terms of the lease were for five years with an option to add two additional years, 12 months at a time, with an increase of 3% for each renewal period. Since December of 2019, the Administration Department staff and Engineering Department staff have utilized this office space. In addition, the Conference Room at the site has been used as the location for Board Meetings.

The building (office space/boardroom) has worked well for the District over the past five years. The lease includes most of the furniture in the space as well. A five-year renewal of the lease is appropriate since necessary improvements to the Administration Building at the Treatment Plant (new construction or remodel) to accommodate staff currently occupying 101 Lucas Valley Road should be completed in approximately five years.

Staff negotiated the proposed renewal with Rathlin Properties LLC. Both parties desire to agree to a five-year renewal of the District exercising individual one-year options for the next two years.



The terms (existing and proposed) for the lease are:

| Current Lease | | | | | |
|----------------|------------|-----------|----------|----|----------------|
| Period | | Monthly | Increase | | \$/Sq Ft/Month |
| 12/1/2019 | 11/30/2020 | \$ 8,596 | | | \$ 2.20 |
| 12/1/2020 | 11/30/2021 | \$ 8,854 | \$ 258 | 3% | \$ 2.26 |
| 12/1/2021 | 11/30/2022 | \$ 9,119 | \$ 265 | 3% | \$ 2.33 |
| 12/1/2022 | 11/30/2023 | \$ 9,393 | \$ 274 | 3% | \$ 2.40 |
| 12/1/2023 | 11/30/2024 | \$ 9,675 | \$ 282 | 3% | \$ 2.47 |
| Proposed Lease | | | | | |
| Period | | Monthly | Increase | | \$/Sq Ft/Month |
| 12/1/2024 | 11/30/2025 | \$ 9,965 | \$ 290 | 3% | \$ 2.55 |
| 12/1/2025 | 11/30/2026 | \$ 10,264 | \$ 299 | 3% | \$ 2.63 |
| 12/1/2026 | 11/30/2027 | \$ 10,572 | \$ 308 | 3% | \$ 2.70 |
| 12/1/2027 | 11/30/2028 | \$ 10,889 | \$ 317 | 3% | \$ 2.78 |
| 12/1/2028 | 11/30/2029 | \$ 11,216 | \$ 282 | 3% | \$ 2.87 |

In reviewing the possibility of moving to another leased property, the rates for similar type office spaces range from \$2.50 - \$3.75/square foot/month. Additionally, the District would incur costs for new office furniture and information technology (IT) systems.

PREVIOUS BOARD ACTION

10/17/2019: Approval of lease agreement with Rathlin Properties LLC.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

The Administration Department Budget for 2024/2025 contains adequate funding for the recommended lease renewal.

ATTACHMENTS

None

11/7/2024

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, Energy 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, Energy Ad Hoc Committee, Other Reports

NITZBERG

Operations Control Centers Ad Hoc Committee, McInnis Marsh Ad Hoc Committee, Fleet Management Ad Hoc Committee, SF Bay Trail Ad Hoc Committee, Other Reports

ROBARDS



Gallinas Watershed Council/Miller Creek, NBWRA, 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



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

October 10, 2024 (10 am – 12 pm)
Virtual – Zoom Link (see Meeting Invite)



1

Priority Issues/
Action Items



2

1. CARB 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><i>(cities, counties, special districts, State agencies)</i></p> | <p>2. High Priority & Federal Fleet Requirements (Section 2015)</p> <p><i>(POTWs can opt in until 2030 – once in, you cannot opt out)</i></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

CARB is implementing AB 1594 requirements into ACF regs

- Signed October 8, 2023
- Applies to public agencies, ...community water systems, water districts, wastewater treatment providers..
- Authorizes public agencies to “...purchase traditional replacements for medium- and heavy-duty vehicles at the end of their useful life...when needed to maintain reliable service and respond to major foreseeable events...**without regard to the model year of the vehicle being replaced.**”
- ACF regulations re-opened March 25th to incorporate AB 1594 requirements, to complete by early 2025
- CASA submitted comments May 20th, met w/ CARB staff June 26th, and submitted comments September 3rd
- CASA continues coordinating with CMUA, ACWA, SCPPA, NTPA to have united voice where possible
- **October 3rd Workshop held to discuss Draft Rulemaking Language (released Oct 1st) – CARB focused on:**
 - Definition of a public agency utility (Section 100 change, already accepted).
 - Definition of traditional utility-specialized vehicles.
 - Early access to Daily Usage & ZEV Purchase exemptions (i.e., vehicle replacements without regard to model year)



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CARB is implementing AB 1594 requirements into ACF regs

- Definition of a public agency utility (Section 100 change, already accepted).
 - Wastewater treatment provider definition – Health and Safety Code § 116773.2
A city, county, special district, or joint powers authority that provides wastewater collection, treatment, or disposal service through a POTW.



9

CARB is implementing AB 1594 requirements into ACF regs

- Definition of traditional utility-specialized vehicles.
 - CASA proposed the definition include all Classes (2B-8), since all wastewater sector vehicles are required for maintaining a reliable system.
 - CARB is proposing the definition include Classes 3-8 (>10,000 lbs) and listed examples of vehicles.
PLEASE PROVIDE EXAMPLES (NAMES) OF TRUCKS THAT ARE CLASS 3-8, for CARB to list in regulation.
 - CASA requested the combination vacuum/jetter truck be added to the list of vehicle configurations only available as ICE, to be released by January 1st, 2025.
1. Weight Class 3 to 8 (>10,000 lbs)
 2. Operated by a public agency utility >50% of the time to maintain reliable public utility service
 3. Body configuration is not designed to primarily carry cargo or passengers
 4. Manufacturer stated towing capacity
 5. Either:
 1. Equipped with power take-off device; or
 2. Equipped with four-wheel drive or six-wheel drive, capable of providing torque and power to all wheels simultaneously



10

CARB is implementing AB 1594 requirements into ACF regs

- **Early access to Daily Usage & ZEV Purchase Exemptions, allowing vehicle replacements without regard to model year of vehicle being replaced.**
- **NEW Section 2013(u) identifies two pathways for being granted early access to Exemptions:**
 - a) Meeting usage thresholds (CA Dept of Finance, DOT Fleet Replacement Model, Table 1) which continue to limit our access:

| Vehicle Class | Mileage or Hour Threshold |
|---------------------------------|---------------------------|
| Class 3 & 4 | 70,000 miles |
| Class 5 & 6 | 115,000 miles |
| Class 7 & 8 | 175,000 miles |
| Trucks w/ Power Take-Off device | 4,000 hours |

OR

- b) Providing proof that the vehicle being replaced is included in a Vehicle Replacement Purchase Plan. CARB recognizes each public agency utility has a unique approach to their Vehicle Replacement Purchase Plan with their own “replacement criteria” to determine timing of vehicle replacement.
PLEASE SHARE HOW YOUR ORGANIZATION PLANS FOR VEHICLE REPLACEMENTS.



11

1. CARB’s Advanced Clean Fleet Regulations/Resolution


- **Actions/Upcoming Events:**
 - Comments due in 3 weeks on preliminary Draft Rulemaking Language (incorporating AB 1594 requirements)
 - CARB is hosting an Exemptions & Extensions Overview webinar November 1st (providing broad overview)
 - CARB has distributed checklists for some Exemptions and a draft vehicle-availability list – please review and let me know if you have any feedback
 - Truck Regulations Implementation Group (TRIG) continues to meet to receive input
 - Subgroups: Outreach, Border Communities, Infrastructure Implementation, Rule Provisions
 - Outreach Subgroup: October 29
 - Infrastructure Subgroup: November 4
 - Rule Provisions Subgroup: December TBD
 - EPA is considering CARB’s request for a waiver of preemption and authorization for the ACF Regulations – once approved, CARB can begin enforcement



12


1. CARB's Advanced Clean Vehicle Regulations: Forklifts

- **Zero-Emission Forklift Regulation**
 - **Objective:** To reduce emissions of oxides of nitrogen (NOx), fine particulate matter (PM), other criteria pollutants, toxic air contaminants, and greenhouse gases (GHG) from Large Spark-Ignition (LSI) Forklifts, especially in areas that exceed ozone standards
 - **Beginning 2026:** Manufacturers cannot produce or sell Class IV and Class V LSI forklifts for use in CA
 - **Beginning 2028:** Larger fleets (26 units or more) begin phasing out use of spark-ignited forklift
 - **Beginning 2029:** Smaller fleets (<26 units) begin phasing out use of spark-ignited forklifts
 - Phase-out schedule is by model year and **NO forklift <10 years old is required to be phased out**
 - Approved by CARB June 27th
 - Final package submitted to Office of Administrative Law (OAL) August 2nd
 - **Approved by OAL September 16th**



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2. SB 1383 Organic Waste Methane Emissions Reduction



- 40% methane reduction by 2030 (relative to 2013 levels) via organic waste diversion from landfills
 - 75% by January 1st, 2025 (relative to 2014 levels)
- Counties with overly restrictive ordinances for land application are reassessing restrictions as projects arise
 - Sutter County updated their Ordinance to allow Class A/EQ land app (CalRecycle, CASA, City of Yuba City advocated for Class B)
 - Tracking CalRecycle's compliance evaluations across CA with focus on Stanislaus, San Joaquin, Tulare, Kern, San Benito (Class B CUP), San Luis Obispo
- Article 2 interpretation and determination discussions continue, specifically regarding:
 - Processes counting as landfill disposal
 - Whether there is a net-methane/GHG reduction (to support the overall objective of the regulation)

County Ordinance Requirements and Biosolids Bans

- Ban on All Land Application
- Ban on Class B
- Conditional Use Permit Required
- Class B Land Application Allowed
- No Regulations/Ordinances Enacted



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3. CalRecycle's Zero Waste Plan

- Schedule as required by SB 101 (Budget Act of 2023)
 - Draft Baseline Report was due July 1, 2024
 - Public engagement August 8-31, Public Workshop held August 14th, written comments due 31st
 - Zero Waste Plan due to CA Legislature January 1, 2026 (**additional public engagement to follow**)
- Baseline Report Recommendations
 1. Reach and surpass existing waste and **emission reduction mandates and goals**.
 2. Identify and address gaps and overlaps to make current waste management systems **more sustainable, effective, and cohesive**.
 3. Improve understanding of the full lifecycle of materials management (cradle-to-grave) to reduce loss and discourage disposal within a **closed loop economy**.
 4. Combat environmental health and justice issues associated with the lifecycle of material production, consumption, and waste generation.
 5. Maximize environmental, social, and economic benefits of a **circular economy**.
 6. Stimulate growth of our state's **circular economy** through activities



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4. CARB Low Carbon Fuel Standard (LCFS)

- Designed to reduce fossil fuel dependence and reduce carbon intensity of fuel used
- Proposed (45-day) changes released January 5th
 - Phase-out of avoided landfill methane crediting for both biomethane and hydrogen pathways
 - Phase-out credit for biomethane as a transportation fuel
- CASA submitted comments February 20th and May 9th
- First 15-Day Changes – released August 12th, CASA submitted comments August 27th
 - Requested CARB maintain three 10-year credit periods for projects post 2030, for ww biogas to low carbon fuel to be used for aviation use (where there is a deficit), account for benefit of land applying biosolids in the CI score
- **Second 15-Day Changes – released October 1st, comments due Oct 16th**
 - CARB maintains two 10-year credit periods for avoided emissions for projects breaking ground before 2030, all projects certified before effective date of rule are eligible for three periods (95488.9(f)(3)(A), page 167)
 - Temporary CI's for ww biogas to LCF is 65 and non-dairy/swine biogas to hydrogen is 175 (95488.9(b), page 164)
- Next Steps
 - Submit comment letter on second 15-Day Changes
 - CARB encouraged CASA to continue our sector's message regarding biogas utilization
 - Board Hearing set for November 8th to hear and adopt updates, to be effective 2025



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5. CPUC SB 1440 Proceedings

- CASA submitted “reply comments” August 16th to express support for comments previously submitted by others on the Renewable Gas Standard, specifically:
 - Increasing incentives for and/or rate-basing interconnection;
 - Removing the prohibition against combustion for onsite power demands;
 - Rejecting price caps;
 - Rejecting the proposal for third party verification; and
 - Removing the 2040 end date.
- CASA opposed proposals to expand the Renewable Gas Standard in violation of SB 1440 or to exclude biomethane sources eligible under SB 1440 and SB 1383
- Next steps being determined



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6. 8-hour Ozone Attainment: SCAQMD State Implementation Plan (SIP) & Rule 317.1

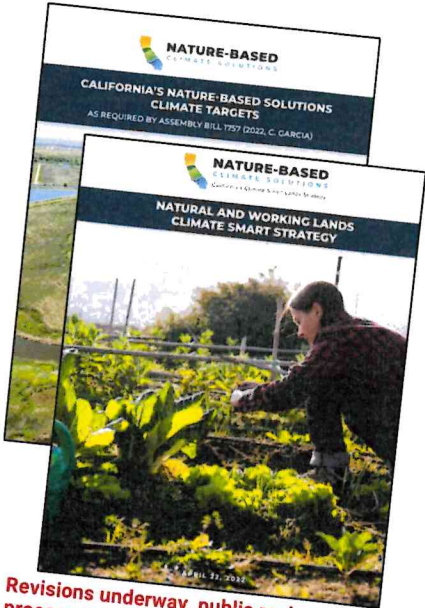
- Federal 8-hr ozone attainment requirements (set in 1997 for 2023) are unreachable without reductions by federal sources (e.g., aviation, locomotives, non-road engines, and ocean-going vessels) in LA-South Coast Air Basin
- EPA proposed disapproval of LA-South Coast Air Basin’s 1997 8-hr Ozone Air Plan, stating:
 - “No basis for approving federal assignments”; however, EPA acknowledged federal sources represent majority of emissions in SCAQMD’s 1994 ozone SIP
 - “Contingency measures to achieve reductions were not implemented properly”
- SCAQMD approved Rule 317.1, imposing penalties on Title V facilities not in attainment
- July 22nd EPA/CARB/SCAQMD quietly re-commit to reduce emissions from ALL sources to meet ozone standards set in 1997, 2008, and 2015
- Fees to be imposed beginning in 2025
- **Subgroup to meet in October/November**




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7. CNRA NWL Climate Smart Strategy

- Considers 8 landscapes for GHG reduction/storage potential
- **Proposed revisions to be released this fall to incorporate:**
 - Quantitative [nature-based solution targets](#) for 2030, 2038, 2045 as required by AB 1757 (released April 22, 2024)
 - CASA requested biosolids be listed as an eligible soil amendment (alongside compost and biochar)
- CNRA is focused on:
 - Identifying science/data needs for tracking progress toward targets
 - Working with CARB to update the NWL GHG model
- **Expert Advisory Committee** discussing revisions and needs:
 - May 30 focused on coastal wetlands, Climate-Smart Strategy updates
 - July 11 focused on nature-based solution targets, implementation barriers, and solutions to barriers – remote sensing postponed
 - Sept 12 focused on forest modeling
 - **Upcoming (final) meeting: November 6**




Revisions underway, public review process to be complete in 2025




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7. CNRA NWL Climate Smart Strategy – EFA SAP efforts

- Environmental Farming Act Science Advisory Panel (EFA SAP) met September 13th – focus areas included:
 - CDFA Climate Strategy and climate-smart incentive programs
 - Cover-cropping tradeoffs
- Reaching out to Chico State faculty (supporting EFA SAP) specializing in Soil Health Indicators and discuss whether they have experience with biosolids land application
- **Next meeting: November 14th**



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Summary of Incentives directly or indirectly supporting biosolids to improve soil health and carbon sequestration across California landscapes 

| Incentive Programs | Objective | Relevance to Biosolids | Applicant |
|--|--|---|---|
| Inflation Reduction Act | Reduce inflation due to global energy crisis while reducing carbon emissions by 40% by 2030. | \$19.5B directed to USDA NRCS Climate-Smart Agriculture & Forestry to increase carbon sequestration (see next row). | See next row, since funds are allocated locally |
| USDA NRCS Climate-Smart Agriculture & Forestry Program | Expand conservation practices to mitigate climate change and build resilient farms and forests. | Improve soil health and carbon sequestration through <u>mitigation strategies</u> (e.g., land application of soil amendments). Need to overcome NRCS Code 336 excluding biosolids. Biosolids investigation by W-5170 underway. | Producers, land managers (e.g., farmers and landowners) |
| CDFA OEFI Healthy Soils Program | Promote conservation management practices that improve soil health, sequester carbon and reduce GHG emissions. | Eligible on-farm management practices include cover cropping, no-till, reduced-till, mulching, compost and biosolids land application, and conservation plantings. | Growers, ranchers |
| CDFA OEFI State Water Efficiency & Enhancement Program (SWEET) | Implement irrigation systems that reduce GHGs and save water in agricultural operations. | Eligible components include soil moisture monitoring, drip systems, low pressure irrigation systems, pump retrofits, variable frequency drives and renewable energy to reduce on-farm water use energy. Possibly includes strategies that offset water use including land application of biosolids. | Agricultural operation (applying for SWEET precludes you from applying for other USDA funds listed above) |
| Climate Action Reserve (CAR) Soil Enrichment Protocol (Update underway) | Provide guidance on how to quantify, monitor, report, and verify ag practices to enhance C storage in soils. | Provides credit for achieving carbon storage/sequestration through land application of soil amendments, including biosolids. | Field manager, project developer, project owner |

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8. Criteria Pollutants & Toxics Reporting and Air Toxics “Hot Spots” Inventory Program

- 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 2027 data (i.e., new reporting begins 2029 for 2028 data)
 - **All WWTPs must participate in a two-step process (individually or as a group) to be compliant**
 - “Two-Step Process” to determine shortlist of compounds relevant to wastewater sector
 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, but list of AB 2588 compounds creates broader scope)



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8. Statewide Pooled Emissions Study (PES)

- Latest Study actions:
 - Two-Step Process is being achieved in two Phases
 1. **Develop approvable plan/protocol to perform two-step process (we are here)**
 2. Quantify emissions (according to approved plan/protocol for performing two-step process)
 - **PES Steering Committee is working with Yorke to develop a plan/protocol to present to Air Districts for feedback in preparation for meeting with CARB – start w/ South Coast Oct 15th**
 - CASA outreach /collection of pledges for Phase I (Fiscal Years ending '24 and '25) continues
 - CASA's Air Toxics Subgroup open to all Study participants, next meeting: October 16th



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8. 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 acknowledging the fact that CARB's CTR/EICG are compliant with the revisions and supporting CARB's application to submit on behalf of CA facilities
 - Expected final revisions by end of 2024

**No Update
from EPA**



24

9. Adaptation-Related Updates

- ✓ OPC Sea Level Rise (SLR) Planning Guidance (2024)
- CNRA Draft CA Climate Adaptation Strategy (2024)
- CCC SLR Policy Guidance Update (2024-2025)
- SWRCB *NEW* Climate Change Resolution/Policy
- Resilience-related funding (e.g., SB 1 SLR funding)
- RWQCB’s Climate Change NPDES/WDR Permit Renewals & Basin Plan Amendments



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9. Adaptation-Related Updates

- CNRA Draft CA Climate Adaptation Strategy
 - Building upon the 2021 Strategy overhaul that targeted more transparency and accountability
 - Designed to accelerate climate adaptation action across sectors to achieve 6 climate resilience priorities
 - Strengthen Protections for Climate Vulnerable Communities
 - **Bolster Public Health & Safety to Protect Against Increasing Climate Risks**
 - Increase funding and reduce timelines for funding ww systems at risk (SWB)
 - Increase number of permits that include climate resilience requirements (SWB/RWB)
 - Establish 2040 goals for nutrient reduction or phasing out coastal discharge (80-90% water reuse) to limit Ocean Acidification and Hypoxia (State Lands Commission)
 - Build a Climate Resilient Economy
 - Accelerate Nature-Based Solutions & Strengthen Climate Resilience of Natural Systems
 - Make Decisions Based on the Best Available Climate Science
 - Partner and Collaborate to Leverage Resources
 - **Draft to be final in 2024**



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9. Adaptation-Related Updates

- CCC SLR Policy Guidance Update (2024)
 - Align with OPC SLR Planning Guidance (June 4, 2024)
 - Incorporate EJ Policy principles
 - Consequences of sea level rise to environmental justice communities (e.g., rate increases)
 - Coordinate meaningful engagement to discuss how environmental justice communities may be impacted in planning and permitting process
 - Determine equitable adaptation strategies
 - Incorporate SB 272 requirements (requires local governments develop sea level rise adaptation plans as part of new or updated Local Coastal Programs by January 1, 2034)
 - Defines WWTPs as critical infrastructure
- Support CASA comments from 2021 on the Infrastructure Planning Guidance
- **Comments submitted September 23rd and waiting to hear next steps**



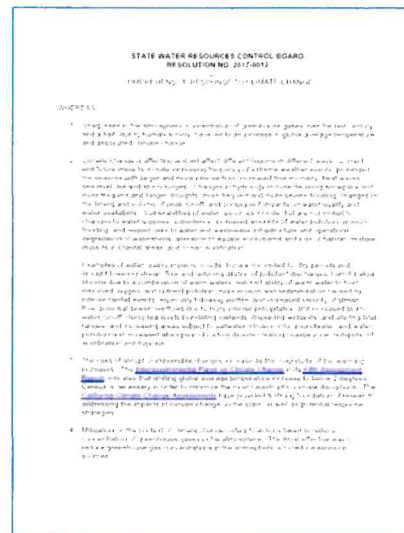
27

9. Adaptation-Related Updates

- SWRCB *NEW* Climate Change Resolution/Policy 2024 – **CASA meeting with SWRCB today**
- *To replace the 2017 Resolution, which states: Water Boards to play a “...collaborative and substantive leadership role in promoting water measures that mitigate GHG emissions and contribute to adaptation to the effects of climate change...”*

And included 30 actions to address:

- I. Reducing GHG Emissions
- II. Improving Ecosystem Resilience
- III. Responding to Climate Change Impacts
- IV. Relying on Sound Modeling and Analyses
- V. Funding
- VI. Outreach
- VII. Administration



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9. Adaptation Updates: SB 1 SLR Adaptation Planning Grant

- Grant funding for local, regional, and tribal governments facing significant and imminent SLR threats along the CA coast and San Francisco Bay shoreline
- Latest round of funding approved:
 - Up to \$250,000 to the City of Sausalito
 - Up to \$1,499,285 to Contra Costa County
 - Up to \$600,000 to the City of Santa Cruz
 - Up to \$1,200,000 to the Stinson Beach County Water District
 - Up to \$997,500 to the City of South San Francisco
 - Up to \$848,000 to the City of Imperial Beach
 - Up to \$220,000 to Orange County Parks
- For details, including eligibility, types of technical services supported, and how to apply, visit link in agenda
- Informational webinar held April 15th ([recording here](#))

NOTE: Senate Bill 1 SLR Adaptation Planning Grant Program (Track 1) proposals are accepted on a rolling, quarterly, non-competitive basis.

**Next submission deadline:
December 20, 2024!**

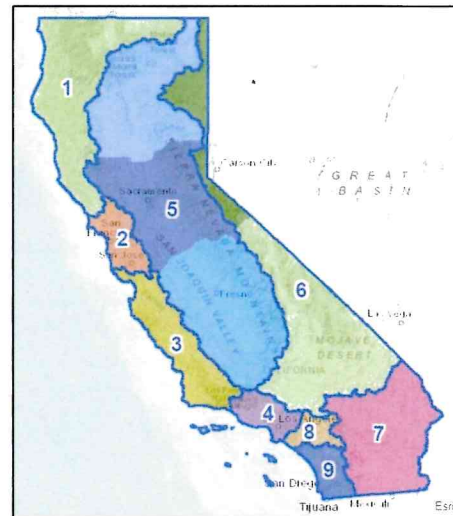
**Updated application materials
available online!**



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9. Adaptation Updates: Permit Renewals & Climate Change

- NPDES/WDR permits require climate change vulnerability assessments, action plans, resilience plans, disaster preparedness plans, and possibly GHG emissions accounting
- Check out what your Regional Water Board is requiring (see next slide for high level summary and ask for detailed matrix)!



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RWQCB's requiring climate change assessments in permit renewals, some require GHG estimates (outside RWB authority)

| Region | POTW Requirements for Climate Adaptation* | Mitigation of GHG Emissions |
|------------------|---|--|
| 1 North Coast | Disaster Preparedness Assessment and Action Plan | No requirement as of today |
| 2 San Francisco | 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 | GHG emissions attributable to WWTPs, solids handling, and effluent discharge |
| 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 |

***Need to also consider requirements of SB 272 for local governments (in whole or in part within the coastal zone) to develop sea level rise adaptation plans by 2034.**



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State Legislation (See the attached email update from Jessica Gauger & Spencer Saks)

Governor's Enacted Budget



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Informational Items



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1. Biogas-to-Hydrogen

- Continue tracking bills in 2025 (e.g., definitions of green hydrogen)
- US National Clean Hydrogen Strategy & Roadmap:
 - Strategy 1: Target Strategic, High-Impact Uses of Clean Hydrogen
 - **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 to demonstrate biogas-to-hydrogen technologies – third parties pursuing partnership
- CASA to schedule another meeting with GO-Biz Senior Advisor



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2. BACT: Emergency Diesel Engines

- **Bay Area AQMD**
 - Tier 4 for engines >1000 bhp effective January 1, 2020
 - **Tier 4 for engines >50 bhp – still looking for source test data from Sacramento Metro AQMD**
- **Sacramento Metro AQMD**
 - Tier 4 for engines >1000 bhp effective June 4, 2021
 - **Tier 4 for engines >50 hp approved February 2024**
- **San Joaquin Valley APCD**
 - Tier 4 for engines >1000 bhp effective April 29, 2022
- **South Coast AQMD**
 - Tier 4 for engines >1000 bhp effective September 2, 2022
 - Clean Water SoCal working to avoid unnecessary testing requirements for compliant engines by requesting they match that for certified engines
 - Advises operators to avoid using emergency generators during Public Safety Power Shutoff (PSPS) events

NFPA 110-2022 Edition
www.nfpa.org/110

Standard for Emergency and Standby Power Systems

Adding a new Section (5.6.5.5.1) to read as follows:
5.6.5.5.1 *Where used for permanent Level 1 applications, EPA-mandated inducement engine shutdowns due to emissions system controls that are required on Tier 4 certified engines with SCR shall be prohibited.*

Substantiation:
 Tier 4 certified engines have EPA mandated inducement shutdowns that occur when NOx goes out of limits. This is not catastrophic to the engine / generator itself, it just means NOx went out of limits.


For obvious reasons, generators that provide power for critical facilities like hospitals and WWTPs (or other emergency systems) absolutely cannot have that added risk to public safety!

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3. CARB Proposed Amendments to Off-Road New Diesel Engine Emission Standards – Workshop held October 8th

- **“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
 - New off-road Low Load Cycle (LLC) for certification
 - Reduced idling provisions
 - Improved Certification – Use of accelerated aging for certification and California-specific credit provisions
 - In-use Reliability
 - Revised useful life, warranty, and defects reporting requirements
 - New/enhanced in-use screening and testing provisions
 - Selective catalytic reduction inducement provisions
 - Off-Road On-Board Diagnostics

- **NEW as of Workshop October 8th**
 - Release draft test procedures: Q4 2024
 - 45-Day Public Notice: August 2025
 - Release Initial Statement of Reasons: Aug 2025
 - Board Hearing: Oct 2025
 - **Status of SW Research Institute demonstration:**
 - Developed new off-road LLC
 - Completed technology selection, calibration, and demonstration using certification cycles
 - Conducting off-cycle testing



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4. Water Research Foundation (WRF) Projects of Interest

- WRF 5188 – Establishing Industry-Wide Guidance for Water Utility Life Cycle GHG Emission Inventories
- WRF 5211 – Understanding the Value Proposition for Thermal Processes to Mitigate PFAS in Biosolids (to be complete in 2026)
- WRF 5220 – Sewer Methane Methods for Everyone
- WRF 5251 – Advancing the Understanding of Nitrous Oxide Emissions Through Enhanced Whole-Plant Monitoring and Quantification (awarded)
- WRF 5255 – Developing a GHG Emissions Library for Unit Processes by Water Utilities and Decentralized Systems

- **Posted September 9th:**
 - WRF 5310 – Head-to-Head GHG Measurement Comparisons: Plantwide and Process-Specific Quantification Methods Evaluation (Proposals are due November 14th)



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5. CASA's Engineering & Research Group (ERG) & CASA's Research Collaborative

ERG

- Led by Associates
- Meet during conferences
- Actions:
 - Compile list of experts (academic, associates, researchers, etc.)
 - Identify areas for research, including:
 - RO concentrate/brine management
 - Nutrient management
 - Organics diversion/nutrient management/nitrous oxide emissions
 - Exfiltration
 - CEC (PFAS, Microplastics, etc.) removal

Research Collaborative

- Facilitated by CASA Staff
- Held initial meeting with SWRCB kick off the collaboration
- Recognize coordination may be needed with other state agencies where research topics warrant it



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Upcoming Conferences/Events

- **CASA-CWEA Innovative Technology Seminars**
October 29, Hyperion & October 30, SFPUC SEP Community Center
- **NACWA National Clean Water Law & Enforcement Seminar**
November 13-15, Tucson, AZ
- **California Bioresources Symposium**
November 19-20, UC Davis Conference Center



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Upcoming Meeting

- November 14th
- 2025 meeting invites to be distributed



Thank you!



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

October 10, 2024

10:00 am – 12:00 pm

Zoom Meeting and Call-In Details: See Meeting Invite

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

PRIORITY ISSUES/ACTION ITEMS

| | ITEM | LEAD | NOTES |
|----|--|------------------------------------|---|
| 1. | CARB Advanced Clean Vehicle Regulations | Sarah | Final ACF Package reopened March 2024 to incorporate AB 1594 , CASA participated in Oct 3 Workshop on Draft Rulemaking Language and staff ppt (released Oct 1), written comments due in 3 weeks. Exemptions & Extensions Overview Webinar Nov 1 ; TRIG Subgroup Meetings – Outreach Oct 29, Infrastructure Nov 4; EPA considering CARB’s ACF waiver request . CARB’s Zero-Emission Forklift Regulation was adopted June 27, final package was submitted to OAL Aug 2 and approved Sept 16. CASA to meet w/ GO-Biz Senior Advisor to secure beneficial uses of biogas. |
| 2. | CalRecycle’s SB 1383 CH₄ Reductions | Greg Sarah | Continued tracking/participating in County actions related to land application of biosolids (jurisdiction evaluations) and Article 2 determinations . |
| 3. | CalRecycle’s Zero Waste Plan | Sarah | Per SB 101 (Budget Act of 2023), CalRecycle drafted July 1 Baseline Report to CA Legislature, Zero Waste Plan due Jan 2026 with circular economy focus. |
| 4. | CARB Low Carbon Fuel Standard | Greg Sarah | Second 15-day Changes released Oct 1, CASA drafting comments due Oct 16, public hearing scheduled Nov 8 with changes effective 2025, CARB requested CASA continue to comment on our sector’s position. |
| 5. | CPUC Renewable Gas (SB 1440) Proceedings | Greg Sarah | CASA submitted reply-comments Aug 16 on Commissioner’s ruling seeking comments on the Renewable Gas Standard Program and other issues |
| 6. | 8-hour Ozone Attainment: SCAQMD SIP & Rule 317.1 | Sarah David | EPA released its proposed disapproval of LA-South Coast Air Basin’s 1997 8-hr Ozone Air Plan March 1, objectives cannot be achieved without reductions from federal sources; EPA/CARB/SCAQMD signed agreement July 22 committing to collaborative approach. SCAQMD updated Rule 317.1 June 7 to apply fees to Title V facilities for non-attainment. CASA forming Subgroup. |
| 7. | CNRA Natural & Working Lands (NWL) Climate Smart Strategy Environment Farming Act Science Advisory Panel (EFA SAP) | Sarah | CNRA posted final carbon sequestration targets in support of AB 1757 ; Climate Smart Strategy update to be released in fall 2024 for review, CASA requested biosolids be listed as eligible soil amendment, expert advisory committee met July 11 and Sept 12 , next meeting Nov 6. EFA SAP meets quarterly to review latest science on improving soil health and carbon sequestration – next meeting is November 14 th . |
| 8. | Criteria Pollutants & Toxics Emissions Reporting (CTR) & Hot Spots Program (EICG) EPA’s Air Emissions Reporting Rule Update | Sarah PES Steering Committee | Wastewater sector reports BAU through 2027 while performing Statewide Air Toxics Pooled Emissions Study (PES), next Air Toxics Subgroup meeting is Oct 16. CASA commented on EPA’s proposed revisions to its air emissions reporting rule to be finalized and published in 2024. |
| 9. | Adaptation-Related Updates | Sarah | Tracking CNRA’s 2024 Draft CA Climate Adaptation Strategy ; OPC released the final 2024 SLR Guidance and, as expected, CCC released proposed revisions to their SLR Policy Guidance for review – CASA submitted comments Sept 23; next round of OPC’s SB 1 SLR Adaptation Planning Grant funding applications due in Dec. Keep us notified regarding your NPDES and WDR permit renewals! SWRCB to develop NEW climate change resolution this fall, CASA requested to be involved in the process. |

STATE LEGISLATIVE & BUDGET UPDATE

| | ITEM | LEAD | STATUS |
|----|-------------------|-----------------|---|
| 1. | State Legislation | Jessica/Spencer | Summary of ACE-tracked bills |
| 2. | Governor’s Budget | Jessica/Spencer | Enacted (Summer) Budget |

INFORMATIONAL ITEMS

| | ITEM | LEAD | NOTES |
|----|---|-------------------|---|
| 1. | Biogas to Hydrogen | Sarah | US National Clean Hydrogen Strategy and Roadmap includes WWTP biogas as feedstock; continued tracking of legislation and meeting with GO-Biz to preserve multiple uses of biogas. |
| 2. | 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. |
| 3. | CARB Potential Amendments to Off-Road Diesel Engine Standards | Courtney | Tier 5 rulemaking (including CO ₂ standards) proposal expected in 2024, implementation to begin 2028. CARB Workshop Oct 8 . |
| 4. | WRF Projects of Interest | Sarah | WRF RFP 5310 posted Sept 9 |
| 5. | CASA's Engineering & Research Group (led by Associates) & CASA's Research Collaborative | Sarah | Pulling together list of experts and identifying priority issues. Supporting CASA's new Research Collaborative with SWRCB, may require multi-state agency engagement. |

UPCOMING CONFERENCES/EVENTS

| NAME | DATE/LOCATION |
|--|--|
| CASA-CWEA Innovative Technology Seminars (registration is open) | Oct 29, Hyperion Oct 30, SFPUC SEP Community Center |
| NACWA National Clean Water Law & Enforcement Seminar | November 13-15, Tucson, AZ |
| California Bioresources Symposium (registration open) | November 19-20, UC Davis Conference Center |

NEXT MEETING: November 14th and 2025 Meeting Invites to be distributed by end of October

Teresa Lerch

From: LegCommittee <legcommittee-bounces@lists.casaweb.org> on behalf of Spencer Saks via LegCommittee <legcommittee@lists.casaweb.org>
Sent: Wednesday, October 2, 2024 3:39 PM
To: Danielle Coats via LegCommittee
Cc: Spencer Saks
Subject: [LegCommittee] CASA State Legislative Update - End of Session Wrap Up - October 2024
Attachments: ATT00001.txt



End of Session Wrap Up - October 2024



2024 Legislative Session Comes to a Close

On the final deadline for signing or vetoing bills, Governor Gavin Newsom closed out the 2024 Legislative Session by addressing all pending bills on his desk. The second year of the two year 2023-24 Legislative Session concluded with significant developments across a range of policy areas. The year was marked by efforts to address some of the state's most pressing issues, including housing, climate change, water resiliency, and renewable energy amongst the background of the state facing a challenging economic situation.

In anticipation of the upcoming 2025-26 Legislative Session, CASA will be hosting our State Legislative Committee Planning Meeting on December 6th. If you are interested in attending or have a bill proposal

you would like presented to the SLC, please reach out to [Jessica Gauger](#) and [Spencer Saks](#).

2024 Session: Final Bill Dispositions and Recap

SB 903 (Skinner) – Held in Appropriations

CASA, in conjunction with a group of NGO partners co-sponsored [SB 903](#) this year, which would have prevented the sale of products containing per- and polyfluoroalkyl substances (PFAS) unless the use of the PFAS in the product is determined to be unavoidable. This bill was unfortunately held “on suspense” in the Senate Appropriations Committee earlier this summer after it received a sizable fiscal analysis. The Appropriations committee cited \$10 million annually and 44 positions at DTSC to implement the program as described in the bill, which was untenable given the state’s Budget shortfall. If you have any questions or would like more information, please reach out to [Jessica Gauger](#) and [Spencer Saks](#).

AB 2515 (Papan) – Signed

[AB 2515](#) was signed by the Governor on September 30th. This bill will prohibit the manufacturing, distributing, selling, or offering for sale in the state any menstrual products that contain PFAS. The bill would require the Department of Toxic Substances Control to adopt regulations on or before January 1st, 2029 and would create penalties for violations of AB 2515. This bill would additionally create and would require all moneys collected from penalties to be deposited in, the T.A.M.P.O.N. Act Fund. CASA had a support position on the bill, consistent with our ongoing efforts to promote source reductions of PFAS in commerce.

AB 805 (Arambula) – Signed

[AB 805](#) passed through the Legislature and was signed by Governor Newsom on September 24th. This bill provides a temporary interim authority to the State Water Resources Control Board to appoint an administrator to oversee a failing sewer system serving a disadvantaged community. This new authority requires The Board to undertake a process to designate a system as failing, and then allows the Board to require the failing system to contract with an administrator approved by the State Water Board. Through negotiations, CASA was able to advocate for substantial provisions that require due process for both the failing systems and the potential appointed administrators. This bill was passed with an urgency clause, which means that the bill takes effect immediately after the Governor’s signature. The authority provided in the bill is revoked on January 1st, 2029, and a permanent program will require further legislative approval. This will allow the ongoing Wastewater Needs Assessment project underway at the Board to proceed and inform any permanent program. CASA had a neutral position on the bill after negotiating language to address our concerns in the Senate. For more

information or if you have any questions, please reach out to [Jessica Gauger](#).

SB 937 (Weiner) – Signed

[SB 937](#), which delays the collection of certain development fees, was signed by the Governor on September 19th. For most of the year CASA was only watching this bill, but we quickly moved to an oppose position during the last week of the Legislative Session, after the bill was amended problematically with provisions impacting an agency's ability to collect connection and capacity fees for certain development projects. CASA is continuing to evaluate this bill's impact and will engage on the implementation of this legislation with our Attorneys Committee.

AB 3073 (Haney) – Held in Appropriations

[AB 3073](#) was a bill which proposed to create a voluntary pilot program under the California Department of Public Health for local sanitation agencies to collect wastewater samples for testing for illicit substances to inform public health responses. CASA worked closely with the author's office to amend the bill to become a voluntary pilot program rather than a state-mandated local program. The bill died on the Assembly Appropriations Suspense file with a cost estimate of \$3 million in the first year and annual costs in the range of \$1 million and \$1.7 million (General Fund) in subsequent years until the program would have sunset in 2028. CASA ultimately moved to a support position on the final version of the bill after it was amended to be a pilot program that was voluntary in nature.



A full list of CASA's Bill Positions can be found linked [here](#), and a summary of active positions can be found below.

| Bill Number | Subject | Position (Letter) | CASA Subgroup |
|-----------------------------------|---|---|----------------------|
| AB 805 (Arambula) | Sewer consolidations | Neutral, As Amended [Signed] | Attorneys, SLC |
| AB 817 (Pacheco) | Open meetings: teleconferencing: subsidiary body. | Watch [Dead] | Attorneys, SLC |
| AB 985 (Arambula) | SJVUAPCD: Emission | Oppose, unless amended [Dead] | ACE, SLC |

| | | | |
|---|---|---|----------------|
| | reduction credit system | | |
| AB 1465 (Wicks) | Nonvehicular air pollution: civil penalties. | Oppose, unless amended [Signed] | ACE, SLC |
| AB 1820 (Schiavo) | Housing development fees | Neutral, as amended [Signed] | SLC |
| AB 2204 (Bennett) | Green hydrogen. | Oppose, unless amended [DEAD] | ACE, SLC |
| AB 2257 (Wilson) | Local Government: water and sewer fee assessments | Support [Signed] | Attorneys, SLC |
| AB 2301 (Nguyen, Stephanie) | Sacramento Area Sewer District Pension Protection Act of 2024. | Support [Signed] | SLC |
| AB 2302 (Addis) | Open Meetings: local agencies: teleconferences | Watch [Signed] | Attorneys, SLC |
| AB 2318 (Papan) | SWPCAA | Watch [Signed] | SLC |
| AB 2489 (Ward) | Local agencies: contracts for special services and temporary help | Oppose [DEAD] | SLC |
| AB 2501 (Alvarez) | WQCPs: Donations and Grants | Watch [Signed] | SLC |
| AB 2514 (Aguiar-Curry) | Solid waste: organic waste. | Watch [Dead] | ACE, SLC |
| AB 2515 (Papan) | PFAS Ban in Menstrual Products | Support [Signed] | SLC |
| AB 2557 (Ortega) | Local agencies: contracts for special services and temporary help: performance reports. | Oppose [DEAD] | SLC |

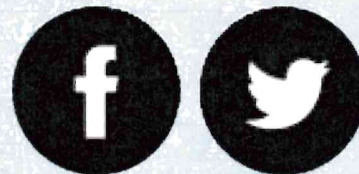
| | | | |
|--|---|---|----------------|
| AB 2592 (Grayson) | Local planning: housing elements: water and sewer services. | Oppose, unless amended [Dead] | SLC |
| AB 2599 (ESTM Committee) | Public Beaches: discontinuation of residential water service. | Support [Signed] | SLC |
| AB 2614 (Ramos) | Water policy: California tribal communities. | Work with Author [Dead] | Attorneys, SLC |
| AB 2715 (Boerner) | Brown Act: cybersecurity | Watch [Signed] | Attorneys, SLC |
| AB 2761 (Hart) | Plastic Packing: Reducing toxics in packaging | Watch [Dead] | SLC |
| AB 3073 (Haney) | Wastewater testing: illicit substances. | Support, as amended [Dead] | SLC |
| SB 778 (Ochoa Bogh) | Excavations: subsurface installations. | Neutral, As Amended [Signed] | SLC |
| SB 903 (Skinner) | Non-Essential Uses PFAS Ban | Co-Sponsor [Dead] | SLC |
| SB 937 (Weiner) | Development projects: fees and charges. | Oppose [Signed] | SLC |
| SB 972 (Min) | Methane emissions: organic waste: landfills. | Support [Dead] | ACE, SLC |
| SB 1072 (Padilla) | Local Government: Prop 218: remedies | Support [Signed] | Attorneys, SLC |
| SB 1134 (Caballero) | Surplus land. | Support [Dead] | SLC |
| SB 1143 (Allen) | Household hazardous waste: producer responsibility. | Support in concept [Signed] | SLC |
| SB 1147 (Portantino) | Drinking water: bottled water: microplastics levels. | Watch [Signed] | SLC |

| | | | |
|-------------------------------------|---|--|----------------|
| SB 1162 (Cortese) | Public contracts: skilled workforce | Watch [Signed] | Attorneys, SLC |
| SB 1210 (Skinner) | New housing construction: electrical, gas, sewer, and water service connections: charges. | Neutral, as amended (Oppose Letter [Signed]) | SLC |
| SB 1266 (Limón) | Product safety: bisphenol. | Watch [Signed] | SLC |
| SB 1420 (Caballero) | Hydrogen | Support [Signed] | ACE, SLC |

For more information please reach out to the CASA Legislative Staff:

Jessica Gauger, jgauger@casaweb.org
 Spencer Saks, ssaks@casaweb.org

Follow CASA on Social Media!



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Sarah Deslauriers, CASA (SD): ACF Regs. 8500+ lb. vehicles. POTWs in Section 2015 High Priority & Federal Fleet Req. (can opt. in through 2030 but can't opt back out) from local govt. area. CARB AB 1594 ACF reg. implementation. Oct.3 workshop held to discuss draft rulemaking language. Age of vehicle access to exemptions impt. Since lot of our fleet is not ZEV. SD: Unified voice with other groups. Traditional Utilities Specialized Vehicle Definition. Heidi: Option B for Class II vehicles. Vast majority will use Option B. SD: put in comment letter & more specifics.

- **NEW** Section 2013(u) identifies two pathways for being granted early access to Exemptions:
 - a) Meeting usage thresholds (CA Dept of Finance, DOT Fleet Replacement Model, Table 1) which continue to limit our access:

| Vehicle Class | Mileage or Hour Threshold |
|---------------------------------|---------------------------|
| Class 3 & 4 | 70,000 miles |
| Class 5 & 6 | 115,000 miles |
| Class 7 & 8 | 175,000 miles |
| Trucks w/ Power Take-Off device | 4,000 hours |

OR

- b) Providing proof that the vehicle being replaced is included in a Vehicle Replacement Purchase Plan. CARB recognizes each public agency utility has a unique approach to their Vehicle Replacement Purchase Plan with their own "replacement criteria" to determine timing of vehicle replacement.

PLEASE SHARE HOW YOUR ORGANIZATION PLANS FOR VEHICLE REPLACEMENTS.

Comments due in 3 weeks. SD will prepare in behalf of CASA. SD Daily Usage and ZEV purchase , these 2 checklists and Steve Cliff Air Quality EO has authority to approve. SD will forward out both checklists. David Rothbart (DR): Another lawsuit filed, dealing with interstate commerce back to EPA and CARB. Still unsure date when Waiver will be approved. Forklift phase-out by model year. Approved by CARB June 27th.

SB 1383 Counties with overly restricted ordinances for land applied biosolids. Ban: San Joaquin; Stanislaus. Ban on Class B: Fresno, Kings, Tulare, SLO, Kern, Riverside, Sutter. CUP req. w/ 26 Counties. No regs./ordinances: 15 Counties. Class B Land Application Allowed: 5 counties.

CARB Low Carbon Fuel Standard (LCFS): 45 day changes released Jan.5 avoiding landfill, biomethane crediting. Reduction method from landfill nice credit. Want to phase-out credit for biomethane as transportation fuel, pushing hydrogen. CI: Carbon Intensity. Non-Dairy is huge increase to now take to hydrogen. With much higher CI, is it really going in the right direction? DR: new req. for Diaries to use flares, this change may not incentivize the diary digesters as environmentalists think. Methane v. biogenic carbon only allowed to vent is different methodology.

CPUC SB 1440 Proceedings. Did oppose to expand in violation of SB 1440. All to maintain pathway for pipeline injection of biogas.

- CASA submitted “reply comments” August 16th to express support for comments previously submitted by others on the Renewable Gas Standard, specifically:
 - Increasing incentives for and/or rate-basing interconnection;
 - Removing the prohibition against combustion for onsite power demands;
 - Rejecting price caps;
 - Rejecting the proposal for third party verification; and
 - Removing the 2040 end date.

AB 617 Air Toxics. AB 2588 Hot Spots. Air Resource allowing two-step process, pooled to understand what is detectable and quantification if there is even a risk. Reduces strain on laboratories and source testing specialists. Meeting next week at south coast. PES: Statewide Pooled Emission Study. Adaptation Related: OPC SLR planning guidance; CNRA Draft CA Climate Adaptation Strategy – 6 priorities and at least one relate to WW sector. Steve Jepsen: Ocean Outfalls are granted by State Lands Commission & come up periodically. We were successful in negotiating and we need to watch. SD to coordinate with Jared.

Steve Jepsen: 44% of our Energy is still made with Natural Gas Power Plants.

SLR Planning Grants: December 20, 2024 next application deadline.

No Spencer or Jessica, all just back from WEFTech. Bill summary in packet.

Biogas-to-Hydrogen Bills being followed and try to help w/GOBiz (gov office) to preserve pathways and project to show. DR: BACT: Emergency Diesel Engines. Courtney Mizutani (Bay Area), engines smaller than 1000 hp will become Tier 4. Seems to be turning towards So Coast on regs. Availability of testing is primary source. DR: Tier 5 is introducing inducements as well and we should be focused on it.

Water Research Foundation (WRF) PFAS

- WRF 5188 – Establishing Industry-Wide Guidance for Water Utility Life Cycle GHG Emission Inventories
- WRF 5211 – Understanding the Value Proposition for Thermal Processes to Mitigate PFAS in Biosolids (to be complete in 2026)
- WRF 5220 – Sewer Methane Methods for Everyone
- WRF 5251 – Advancing the Understanding of Nitrous Oxide Emissions Through Enhanced Whole-Plant Monitoring and Quantification (awarded)
- WRF 5255 – Developing a GHG Emissions Library for Unit Processes by Water Utilities and Decentralized Systems

- **Posted September 9th:**
 - WRF 5310 – Head-to-Head GHG Measurement Comparisons: Plantwide and Process-Specific Quantification Methods Evaluation (Proposals are due November 14th)

CASA Engineering & Research Group (ERG) & Research Collaborative meets at Conference.

Next Meeting: Nov.14.

###



**BOARD MEMBER CONFERENCE/
MEETING/WEBINAR 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: _____

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: _____

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.**

11/7/2024

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

MARIN MUNICIPAL

Agenda Item 9
Date November 7, 2024

Saving the salmon

Lagunitas Creek restoration work progresses



Members of local, state and federal agencies gather along a stretch of Lagunitas Creek to observe the progress of the salmon habitat restoration project. PHOTOS BY SHERRY LAVARS — MARIN INDEPENDENT JOURNAL



A heavy equipment operator working on the salmon habitat restoration project moves rocks and boulders in Lagunitas Creek.

BY KRISSY WAITE

KWAITE@MARINIJ.COM

The inaugural effort to restore an endangered fish spawning habitat in Lagunitas Creek is nearly complete.

This summer, the Marin Municipal Water District broke ground on a project to restore coho salmon habitat in the creek. The work entailed strategically placing logs, boulders and gravel to recreate spawning beds in the creek that runs through Samuel P. Taylor State Park.

The district led dignitaries on a tour of the three project sites on Tuesday. Among them were officials from California State Parks; the National Oceanic Atmospheric Administration Fisheries; the California Department of Fish and Wildlife; the U.S. Army Corps of Engineers; the Bureau of Reclamation; lawmakers; and the San Francisco Bay Regional Water Quality Control Board.

The group took a milelong round-trip walk beginning at the Leo T. Cronin Fish Viewing Area to see the work completed thus far.

“These are just wonderful projects,” said Supervisor Dennis Rodoni.

“They really do make a difference and we’re thankful for the opportunity to make these restoration improvements.”

District board director Matt Samson said it’s an educational opportunity to see what the area might have looked like historically.

“Today is a celebration to show the work that’s being done, where the funding has gone,” said Samson. “But it really is an example of what right looks like.”

Lagunitas Creek is home to the largest population of Central Coast coho salmon from Monterey Bay to the Sonoma County-Mendocino County border.

Once believed to have numbered in the thousands, populations have severely diminished since the construction of dams such as the Peters and Seeger dams. These dams have prevented the fish from not only accessing half of their historic habitat, but also the creation of essential spawning grounds. Coho salmon require deep, cool pools of water in gravelly creeks to spawn, and for the juvenile fish to grow in during their 16-month stay in freshwater.

The dams prevent debris — large pieces of wood and gravel — needed to naturally create the habitat from moving downstream where spawning happens. The project will add up to 4,450 linear feet of the channel, more than 270 logs and 12,000 tons of gravel to create the bed.

Eric Ettlinger, an aquatic ecologist with the Marin Municipal Water District, said the gravel will feature tracking tags that will help the team collect data on how it travels throughout the creek. The information collected could help inform future projects.

Still, experts noted that, historically, the region would have seen closer to 17 tons of gravel move through the creek annually. Before the dams, the loss of old-growth forest and trapping of beavers — which also would have created the needed habitat — contributed to the salmon decline.

“This creek has a lot going for it,” said Ettlinger. “However, it is far from what it used to be when coho salmon evolved in the redwood forest.”

When the area was an old-growth forest, redwood trees would have been falling in the creek for millennia, said Ettlinger.

Redwoods are rot resistant, so they would have remained in the water for a long time.

“Rivers like this would have had redwoods everywhere,” said Leslie Ferguson with the San Francisco Bay Regional Water Quality Control Board. “It would have been a mess.”

That “mess” created by the fallen redwoods is the kind of habitat that salmon evolved in — slow moving, dark, cold waters.

“This effort, despite the size and the expense, is only getting us a tiny way to the kind of habitat that used to be here that the coho really thrived under,” said Ettlinger.

Phase 1A encompasses three of 13 overall project sites. Construction is expected to be complete by Nov. 20. Work should begin next year on phases 1B, which includes five sites.

The first phase is funded by \$6.65 million in federal grants. The district still needs \$6 million in funding for construction of the second phase’s five sites, which could begin in 2026.

Jonathan Koehler, MMWD fisheries program manager, said previous projects have been good but have not been at the scale needed to impact salmon recovery. He said the creek itself is “exceptional” for salmon habitat.

“There are also areas that are really lacking,” said Koehler.

“There are these shallow, homogeneous glides and so that was part of the process, to identify some of these opportunities and fill in basically the gaps between the high-quality habitat while keeping the areas where it’s functioning well alone.”

In order to surpass their federally endangered status, the Lagunitas Creek coho must lay at minimum 1,600 nests for three winters in a row. For the past quarter century, district counts have not reached 800.

Ettlinger said he is hopeful that counts will be higher in the future. The creek currently averages 300 to 400 returning salmon a year. Two years ago, counts of smolts going back out to sea reached a record high, and Ettlinger is hopeful that 1,000 adult fish will return to the creek this winter based on the smolt count.

Reservoirs remain above average headed into winter

Managers cite rainy seasons, customer conservation efforts



The sunrise shines on Black Mountain near the Nicasio Reservoir in Nicasio. The Marin Municipal Water District's total storage this week for its seven reservoirs was above 63,400 acre-feet, which is around 80% of capacity. ALAN DEP — MARIN INDEPENDENT JOURNAL



Lake Lagunitas in Fairfax. The Marin Municipal Water District and the North Marin Water District ended the fiscal year on June 30 with above-average rainfall counts. SHERRY LAVARS — MARIN INDEPENDENT JOURNAL

BY ADRIAN RODRIGUEZ

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Despite months of dry weather and no major rain in the forecast, Marin water managers say reservoirs are in good shape.

That's because the past two winters have been wetter than normal, and Marin reservoirs, along with California's major reserves, are holding more water than usual for this time of year.

Both the Marin Municipal Water District and the North Marin Water District ended the fiscal year on June 30 with above-average rainfall counts, and the reservoirs are holding up.

"We've been able to maintain high local storage levels the past two years primarily from receiving above-average rainfall, along with conservation efforts from our customers," said Lucy Croy, water quality manager of the Marin Municipal Water District.

The district recorded 62 inches of rain from July 2023 through June, or about 120% of the average of 52 inches.

In the water year from July 2022 to June 2023, the rainfall topped off Marin reservoirs and extracted the county from a significant drought. The district recorded 77 inches of rain, or about 150% of the average of 52 inches.

The district's seven reservoirs have a combined storage capacity of about 80,000 acre-feet of water. An acre-foot is about 326,000 gallons. The district serves about 191,000 residents. This week, total storage was above 63,400 acre-feet, which is around 80% of capacity. That amounts to "122% of average for this time of year — a great place to be heading into the winter months," Croy said.

This past year, the North Marin Water District recorded 34.5 inches of water at Stafford Lake, its reservoir in Novato, exceeding its average of 27.3 inches. Stafford Lake is at 75% of capacity.

The district recorded 41.7 inches in the 2022-23 season, 18 inches in the 2021-22 season and a record low 8.5 inches in 2020-21.

The district serves about 61,000 residents in the greater Novato area and parts of western Marin. Novato receives about 80% of its water supply from the Russian River.

Stafford Lake provides the remaining supply for the North Marin Water District, but it is a smaller reservoir and typically only drawn during the warm months when water use is highest.

“We are looking good, but remember Stafford is only 20% of our supply,” said Tony Williams, general manager of the North Marin Water District. “Our West Marin water system relies solely on groundwater and is independent of our Novato system.”

Overall, the state — which has suffered through three severe droughts over the past 15 years — has a water-supply cushion as this winter season approaches, experts say.

“It’s nice to have water in the reservoirs,” said Jay Lund, a professor of environmental engineering at the University of California at Davis. “Things are probably looking good for the next year or so.”

On Tuesday, the 154 largest reservoirs in California were at 114% of their normal capacity for this date, according to data from the state Department of Water Resources.

The biggest, Shasta Lake, near Redding, was 58% full, or 107% of normal. The second biggest, Oroville, in Butte County, was 51% full, or 96% of average. The massive San Luis Reservoir east of Gilroy was 51% full, or 116% of normal.

Because of its Mediterranean climate, California receives most of its rain and snow during the winter. In the Bay Area, 73% of the average annual rainfall comes in December, January, February and March. When winter rains are plentiful, reservoirs fill and groundwater recharges. In dry winters they don’t, and both are drawn down by cities and farms over the summer, causing water shortages and drought restrictions.

“I’d much rather be starting off the winter where we are now than having reservoirs starting at 60% of normal, which we have in the recent past,” said Jan Null, a meteorologist with Golden Gate Weather Services in Half Moon Bay. “We can stand one dry year. But when we get to back-to-back dry winters, we start to use the ‘d word,’ and then after three dry years in a row, it’s a capital D.”

In the past decade, there have only been two years — 2023 and 2019 — when California’s major reservoirs were above 100% of their historical average at the end of October.

In most of the other years, water managers were ominously looking at the sky, hoping for huge storms to catch up.

However, this summer had several extreme heat waves, and the ground in many areas is particularly dry, said Michael Anderson, the state’s climatologist at the Department of Water Resources.

If several soaking rainstorms don’t increase moisture levels in the soils before it starts to snow, that increases the chances that more Sierra Nevada snow in the spring will simply melt and soak into the ground, he said, rather than run off and refill reservoirs.

Big early-winter storms also end fire season in most places by wetting trees and brush.

“It’s been dry, one of the driest Octobers we’ve had in a long time,” Marin County Fire Department Chief Jason Weber said. “This leaves us in a lingering fire season: One east-wind event, even in November, could be devastating.”

A controlled burn on Mount Tamalpais on Wednesday was cut short because conditions proved to be too dry. Humidity was low and the fire consumed targeted vegetation too quickly, Weber said.

“The challenge with prescribed fire is that it’s got to be the right time, but Mother Nature dictates that, not us,” Weber said. “We’ve got a lot of burns ready to go.”

“We’re hoping for a bit of rain to get us out of fire season,” he said.

Bay Area News Group reporter Paul Rogers contributed to this article.



Responsible Growth in Marin



Stop Hiding Behind State Laws, It's Time to Take a Stand on Northgate

Dear Mayor Colin and Council Members,

Responsible Growth in Marin (RGM) is a non-profit grassroots organization comprised of 1000+ residents and businesses living and working primarily in North San Rafael. RGM endorses workforce and affordable housing and advocates for a profitable, sustainable, mixed-used commercial and residential development at Northgate Mall.

Over the last four years, Marlene Geier's proposal for the Redevelopment of Northgate Mall has greatly improved, incorporating many community objectives, adding 136 lower-height for-sale townhomes, distributing the affordable units throughout the project, and expanding the town square with natural grass, shade trees and a larger playground. However, this proposal will increase Terra Linda's population by approximately 30%, and issues of traffic, public safety, environment/greenhouse gases and the financial burden on San Rafael residents **are not adequately addressed**.

We ask you *not* to hide behind state laws and instead protect Terra Linda residents

via **your control** over this project's permits and entitlements specifically those discussed below.

The project's traffic study was based on average shopping center traffic conditions in the State's traffic handbook instead of actual on-the-ground existing traffic conditions. The study concluded that there will be no increase in traffic after 1442 housing units are built at Northgate, which **does not pass any credibility test**. The project's Master Use Permit must require follow-up traffic studies using on-the-ground traffic counts at the end of each phase to verify actual traffic changes and identification of any mitigation measures needed. The Master Use Permit for Loch Lomond Manna demonstrates a precedent for mandating verification by a follow-up study of the parking study for that project.

A 20-year project of this size (the largest commercial/residential development in Marin) must include a mechanism for ongoing audits to ensure the **developer and builders stay on track** with their commitments. A detailed Construction Management Plan (CMP), including an

ons to construction manager responsible for all construction and available to answer public concerns, must be included as a condition in the Environmental and Design Review Permit. The BioMarin/Vivalon project provides a template for a CMP in its Environmental and Design Review

This project does not meet City standards for providing parkland and recreational space for new residents and it will be required to pay parkland dedication in-lieu fees. San Rafael's recent Parks Master Plan identified nearby recreational facilities that are degraded, outdated and inadequate. The project's Tentative Subdivision Map needs to require that the project's **in lieu fees be applied** to improving recreational facilities in the North San Rafael area.

City residents repeatedly voiced **concerns over fire risks** from wildfire sparks, flammable trees, constrained evacuation routes, EMT response times, and scarce police services. The project's Environmental Impact Report claims there are no increased risks, no negative impacts on public services, and no responsibility to pay for additional needed services and mitigations. **Again, this fails a credibility test**. San Rafael does not require developers to pay a public safety impact fee. What future assessment will be made for these critical safety issues, and who will pay for any necessary mitigations? What **additional tax burden** is likely to be levied on San Rafael residents due to this project?

The Planning Commission will review Northgate's permits and entitlements on October 29, 2024 and you will vote on them on November 18, 2024.

RGM asks that you don't hide behind state laws and that you protect the interests of the City, its residents and your legacy by including the above conditions in Northgate's permits and entitlements which is within your power

Responsible Growth in Marin

Responsible Growth in Marin
P.O. Box 6147 • San Rafael, CA 94903
rgmann.org

SAUSALITO

City reports progress on sea-level rise adaptation

BY KRISSY WAITE

KWAITE@MARINIJ.COM

Sausalito is advancing on its sea-level adaptation plan.

The City Council received an update at its meeting on Oct. 15 that included comments from a community workshop. The project is about one-third complete.

The sea is expected to rise by 1 foot in the San Francisco Bay Area between now and 2050, according to the National Oceanic and Atmospheric Administration. The phenomenon is attributed to human activities that stoke global warming.

The goal of the city plan is to have an adaptation strategy, develop a community vision and complete a vulnerability assessment on how storm surge and sea levels could impact city-owned assets. The plan will include both short- and long-term strategies, priority projects and funding options, said Catie Thow Garcia, the city's sustainability manager.

Planning began in January. The first community workshop was held Sept. 7 and about 120 people participated. They generally understood the effects of sea-level rise and were well versed on the topic, Thow Garcia said.

"Interests in adaptation techniques were generally in line with Sausalito's character," Thow Garcia said. "So supporting things like floating structures, and we heard that there's high value in maintaining views and public access."

The city created a sea-level rise committee in March 2021. Two years later, it received a \$1 million grant from the state Office of Emergency Services to create an adaptation plan. In December 2023, the city approved two contracts for design and community engagement work related to the plan.

"This is really outstanding work," Councilmember Janelle Kellman said.

Senate Bill 272, was passed last year, requires local jurisdictions to develop a sea-level rise adaptation plan. It also prioritizes funding for municipalities with an approved plan. This month, the San Francisco Bay Conservation and Development Commission released SB 272 guidelines, which with the city's plan must align, Thow Garcia said.

Councilmember Melissa Blaustein asked if the plan — the best practices and "lessons learned" — will be shared with neighboring Marin City and people living on boats.

Thow Garcia said that while the plan is limited to the city, the "sphere of influence" is extended to the boat community.

A second community workshop is scheduled for January.

"These are really complex problems," Thow Garcia said. "Sea-level rise in Sausalito requires getting a lot of people to the table. It takes really having a holistic, multidisciplinary approach."

Thow Garcia said she hopes to complete the plan by the end of 2025. More information can be found online at sausalito.gov/shorelineplan.

Marin Municipal seeks \$4M from state for dam upgrades

Funding for Phoenix repairs, spillway structural integrity



Hikers approach a concrete structure with gate valves at Lake Lagunitas in the Mount Tamalpais watershed. The lake is a Marin Municipal Water District reservoir. SHERRY LAVARS — MARIN INDEPENDENT JOURNAL



The spillway of SoulaJule Reservoir in western Marin. The Marin Municipal Water District plans to repair spillways at various dams. ALAN DEP — MARIN INDEPENDENT JOURNAL

BY KRISSY WAITE

KWAITE@MARINIJ.COM

The Marin Municipal Water District is seeking \$4 million in grants to fund two of its dam projects.

The district board unanimously approved two grant applications for the state Department of Water Resources' safety and climate resiliency program. The grants would give up to \$2 million for each project.

The funds would go toward repairing spillways at various dams and replacing valves and actuators at Phoenix and Lagunitas dams. Actuators help control water flow.

"This opportunity for the submission of these proposals seems like it's quite new, or this is a new program focused on the maintenance of dams that predate a certain period," Ranjiv Khush, the board president, said at its meeting on Oct. 15. "It's a great opportunity that's come up from our department resources and I was really excited to see that we jumped on it."

The grants would not cover the full cost of the projects, according to Adriane Mertens, a district spokesperson.

The valve and hydraulic actuator project at Phoenix Lake is estimated to cost around \$5 million because of its complexity, Mertens said. The cost of the spillway project is pending.

"However, we anticipate that repairs or improvements to sub drainage or potentially localized structural concrete repairs would be costly," Mertens wrote in an email.

The district has spillways at its Peters, Seeger and SoulaJule dams. In 2017, after the failure of the spillway at the Oroville Dam in Butte County, the state Division of Safety of Dams ordered dams across the state be evaluated. The spillway repair project is a result of the district's spillway condition assessments and are part of a dam safety requirement.

In the first phase of its spillway evaluation, completed in 2019, the district repaired minor and surface-level issues. Phase one repairs involved spalls, surface defects, offsets, sub-drain cleaning and crack and joint sealing.

Now in phase two, the utility is conducting a deeper structural evaluation of spillways, using imaging techniques like ground-penetrating radar to investigate their integrity.

Additionally, the aged valves and hydraulic actuators need to be replaced. The work is part of the district's five-year capital improvement plan.

"While the Districts dams are safe and meet all state safety standards, these projects will help to keep the dams in good operating condition for the future," Mertens wrote.

Board member Monty Schmitt asked if the replacement valves would allow the district to adjust how much water is released.

"I know right now part of the issue, at least with one of the valves, is that it leaks and it's old, probably both of them," Schmitt said.

Alex Anaya, the district's engineering director, said the project would allow the valves to be left partially open if desired.

However, the main goal of the project is to fix the leaking valve and allow the district to open and close the valves remotely.

Planners urged to support mall EIR

Study examines Northgate housing-commercial plan

BY ADRIAN RODRIGUEZ

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San Rafael officials have released the final environmental impact report on the massive housing plan for the Northgate mall.

The hefty, 1,480-page report examines the potential effects of the proposal for 1,422 homes mixed with shops and restaurants at the 45-acre site in Terra Linda.

Despite revised plans being submitted late in the game, the report says the changes “do not add significant new information” and “would not substantially change the construction and operational impacts.”

The report is consistent with a draft assessment released in January stating that greenhouse gas emissions and noise generated by the project would be “significant and unavoidable.”

Like the draft report, the final EIR, or FEIR, examines three other project alternatives, including a “no-project” option. In conclusion, the report says the “reduced residential alternative” — which proposes 63 fewer homes than what developers are seeking — would be the “environmentally superior alternative.”

The option would “slightly reduce” the effects on air quality, emissions, energy, noise and vehicle trip generation, the report says.

However, the report maintains that a list of required construction and mitigation measures would need to be followed to minimize disruptions.

The report says the reduced residential alternative would meet the stated project objectives just with 63 fewer homes.

April Talley, the city’s project director, said the Planning Commission is being asked to recommend certification of the document. Certification means the city finds the EIR has met requirements set by the California Environmental Quality Act, Talley said.

“It is independent of the decision whether to approve the project, and approving certification does not necessarily mean project approval,” Talley said.

“California law requires that before considering whether to approve a project, the city must complete the environmental review process,” Talley said. “Certification of the EIR allows the city to proceed with review and consideration of the project.”

The Planning Commission is set to consider the EIR when it meets at 7 p.m. Tuesday at City Hall. An endorsement would be sent to the City Council for certification.

“Every aspect of the plan has been carefully evaluated to transform Northgate from a declining suburban mall into a dynamic, mixed-use town center,” said Ross Guehring, spokesperson for mall owner and developer Merlone Geier Partners.

“We are eager to move forward to the final review phase, bringing us one step closer to creating a vibrant new gathering place for San Rafael,” he said.

Merlone Geier Partners bought the mall in 2017. The company is proposing to begin phase one construction in 2025, followed by phase two in 2040.

The project would include six residential parcels with a mix of townhomes and apartments. Buildings would range from two to seven stories.

The proposal has become the poster child for the push of high-density housing in Marin, as municipalities are working to meet daunting state housing requirements.

Some residents are for it, but the vocal majority lining up at City Hall to state their views say the project is too big for the quiet residential neighborhood.

One group that has consistently raised concerns is the nonprofit Responsible Growth in Marin.

In an email, Grace Geraghty, executive director of the group, said it appreciates the staff for holding workshops and welcoming public comments, but said “we are disheartened by the dismissive tone of the FEIR.”

The report includes staff and consultant responses to public letters and in-person comments. Critics raised concerns about traffic, noise, emissions, emergency access and evacuations. They also say police and fire departments, schools and other agencies could be overburdened.

Geraghty said the staff and consultant responses in the report are “misleading, at times deceptive, and disregard the legitimate and real concerns ... of the existing community whose lives will be negatively impacted for years to come.”

“These lingering concerns of the community deserve sincere engagement and resolution rather than a whitewash,” Geraghty said.

Members of the Marin Organizing Committee, an advocacy group, have a different perspective. Linda Haumann, a volunteer with the organization, said there is a housing crisis and the mall is declining. Haumann said the developer has been responsive to community concerns by making revisions along the way.

For example, Haumann said, the developers are planning to spread 143 designated affordable apartments and homes throughout the site rather than group a majority of the lower-income dwellings in one complex. That change was in response to concerns that a standalone complex for low-income households would segregate the community.

Some of those affordable homes will be for sale, while others would be rentals. Expanding the homeownership opportunities at affordable levels was another response to public comments, Haumann said.

Additionally, the centerpiece “town square” feature was expanded to be 57,000 square feet after critics said there wasn’t enough recreation space.

“We need to move forward, to build more housing for our workforce and those in Marin who need a place to call home,” Haumann said. “The bottom line is, if we want our teachers, our EMTs, our health care workers to live closer to where they work, we need more housing.”

More project information is at cityofsanrafael.org/northgate-town-square-rev/.

Amid controversy, state, Biden prep new water plans

BY IAN JAMES

LOS ANGELES TIMES

LOS ANGELES >> The Biden and Newsom administrations will soon adopt new rules for California's major water delivery systems that will determine how much water may be pumped from rivers while providing protections for imperiled fish species.

But California environmental groups, while supportive of efforts to rewrite the rules, are criticizing the proposed changes and warning that the resulting plans would fail to protect fish species that are declining toward extinction in the Sacramento-San Joaquin River Delta and San Francisco Bay.

As the preferred proposal is laid out in a federal draft environmental review, the new rules "would make things worse," said Jon Rosenfield, science director for the group San Francisco Baykeeper.

"We are deeply concerned that six endangered species in the Bay Delta are on the verge of extinction or headed in that direction," Rosenfield said.

The rules under revision govern dams, aqueducts and pumping plants in California's two main water systems, the Central Valley Project and the State Water Project, which deliver water to millions of acres of farmland and more than 25 million people. Pumping to supply farms and cities has contributed to the ecological degradation of the Delta, where threatened and endangered fish species include steelhead trout, two types of Chinook salmon, longfin smelt, Delta smelt and green sturgeon.

The rewriting of the rules, along with supporting biological opinions, began nearly three years ago after California and environmental groups successfully challenged the Trump administration's previous rules in court, arguing that 2019 biological opinions failed to provide adequate protections for endangered fish.

Federal and state agencies are now aiming to lock in new rules in the coming weeks amid uncertainty about the presidential election, which in the event of a victory by former President Donald Trump would likely bring new attempts to weaken protections for fish.

"The Biden-Harris administration and the Newsom administration, which said that we're going to do better than the illegal Trump administration plan, have actually produced a less protective plan that will accelerate the path to extinction for many of these fish species," Rosenfield said. "No doubt a Trump administration would seek to weaken these protections, but that is not an argument to lock in obviously inadequate protections."

State officials disagreed, saying their plan for the State Water Project will better protect fish species.

The state Department of Water Resources has been working for the last several years with the U.S. Bureau of Reclamation and counterparts at state and federal fish agencies to complete a new permit — called an incidental take permit — for the State Water Project, said Karla Nemeth, the department's director.

Nemeth said DWR's proposal for operating the system "includes a portfolio of actions designed to reduce impacts to listed species while ensuring water supply reliability amid a changing climate."

That permit for the State Water Project is separate from the forthcoming biological opinions for the federally operated Central Valley Project.

Nemeth said state officials are working with federal partners to ensure the rules governing operations of both systems "are aligned to benefit listed and endangered fish species while continuing to provide water to millions of Californians."

The development of the new operating rules has involved more than 21/2 years of consultations and analysis through a "multi-agency state and federal team with regular engagement and opportunities for feedback," said Mary Lee Knecht, a spokesperson for the Bureau of Reclamation. She said the proposal focuses partly on "striking a reasonable balance among

competing demands for water, including the requirements of fish and wildlife, agricultural, municipal, and industrial uses of water.”

The time allotted for updating the rules is coming to an end. For the last three years, federal and state officials have operated the water systems under a court-ordered interim operations plan, which will expire in December.

The federal environmental review — called a draft environmental impact statement— includes several alternatives, and environmental groups have urged officials to consider one that they say would provide stronger environmental protections than the Biden administration’s preferred alternative.

Trump has said in recent campaign speeches that water in California is “horribly mismanaged” and that if he is elected, he would deliver more water to farmers and cities. He has indicated he would again seek to weaken environmental protections, lamenting that because of “a little tiny fish called a smelt, they send millions and millions of gallons of water out to the Pacific Ocean.”

Vice President Kamala Harris, in contrast, would likely seek to maintain stronger environmental protections.

Such arguments over water in the Delta have long pitted Central Valley farmers and agricultural water districts against environmental groups, fishing advocates and Native tribes.

The California Farm Bureau, the state’s largest agricultural organization, raised various concerns about the proposed rules in a recent letter, saying the federal analysis ignored the fact that farms face state-mandated limitations on groundwater pumping in the coming years.

Alexandra Biering, the Farm Bureau’s senior policy advocate, wrote in the letter that agricultural water users have been frustrated by “politically driven regulatory uncertainty” and have been “left in a limbo of sorts about the future operational conditions of the projects” as officials have pushed for rewriting the rules.

“I continue to be dismayed about the fact that this is a political football, and it just keeps getting kicked from one side to the other,” Biering said in an interview. “Everybody wants to lock something in before the potential for a change in administration, which I understand, but I think it inevitably leads to this perception that politics is what’s driving those decisions.”

That’s unfortunate, she said, because the same public officials have been tasked with revising the plans for years under different administrations. Biering said she’d like to see the process be “a little bit more insulated from politics.”

Large urban water agencies that depend on the State Water Project have also been weighing in.

Adán Ortega Jr., board chair of the Metropolitan Water District of Southern California, said leaders of the agency would like to see state and federal permits “that have consistent terms across them.” He said the district, which supplies water for 19 million people, supports the inclusion of proposed negotiated agreements — called Agreements to Support Healthy Rivers and Landscapes— in which water agencies have pledged to forgo certain amounts of water while also funding projects to improve wetland habitats.

Those proposed deals, also called the “voluntary agreements,” have been supported by Gov. Gavin Newsom and his administration but strongly opposed by environmental groups, who have argued this approach would mean reduced flows in the Delta and would be detrimental to fish and the ecosystem. Instead, they have called for science-based flow requirements to help fish populations recover.

“The science is very, very clear, and has been for a long time, that without additional flows into, through and out of the Delta to San Francisco Bay, these species will continue to decline,” Rosenfield said.

Another key water policy framework is now being developed by the State Water Resources Control Board, which on Friday released a draft review of potential options for updating the state’s plan for managing flows in the Delta. It includes options for incorporating the voluntary agreements proposal.

The state water board has not yet decided which option it will adopt in the updated Bay-Delta Plan. Board members will hear comments from the public at a series of meetings in November, December and January.

The board has not set a date for adopting the plan but is aiming for sometime in summer or fall of 2025, said Eric Oppenheimer, the board’s executive director.

Whatever approach the board ultimately takes, legal challenges are expected.

Potential litigation also looms as the federal government finalizes the rules for operating the Central Valley Project. Environmental groups have said the Biden administration's preferred plan is built on the controversial voluntary agreements, and the analysis failed to properly assess the environmental effects of two proposed infrastructure projects — Sites Reservoir and the Newsom administration's plan to build a \$20-billion water tunnel — both of which the groups are fighting.

A coalition of environmental groups raised other concerns in a recent letter, condemning the federal government's proposed rules for excluding environmental impacts on the Trinity River and its fish. The groups said that "creates an overestimate of the water available for export" and will result in uncertainty and potentially more litigation.

"They're going to make it worse for fish in California," said Tom Stokely, water policy adviser for the group California Water Impact Network.

Max Gomberg, a former state water official who resigned in 2022 over differences with the Newsom administration, said the proposed rules would "essentially maintain the status quo," which has harmed the Delta's ecosystem and fisheries, and would allow "environmentally destructive levels of water exports."

"The only real beneficiaries are a few wealthy Central Valley growers," said Gomberg, a board member of the California Water Impact Network.

State officials disagreed with the claims that the proposed rules would be less protective of the environment.

"We believe the proposed State Water Project operations will better protect threatened fish species by incorporating new science and addressing climate change impacts," said Ryan Endean, a spokesperson for the Department of Water Resources.

He said the improvements partly come through commitments to restore marsh and floodplain habitats, as well as other efforts to support the recovery of fish species.

Planners support Northgate overhaul

EIR OK'd as critics fear traffic impact of housing

BY KRISSY WAITE

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The San Rafael Planning Commission has voted to recommend the City Council approve plans to redevelop Northgate mall.

The commission majority also voted Tuesday to approve the environmental impact report, moving the 1,422-residence project a step closer to launch.

The commission's recommendations will go to the City Council for final approval at a meeting in November.

The 1,480-page EIR, released last week, found that any greenhouse gas emissions and noise from the project would be significant and unavoidable.

Residents packed the council chambers at City Hall to express concerns about the project or support for it. Supporters cited the affordable housing and workforce housing it would provide, but others worried about the effects on traffic and emergency services.

"I think all of us are sympathetic to the concerns of those in those neighborhoods," said Jon Haveman, chair of the commission. "This development certainly feels like it's going to hurt a lot of people. As an economist that has worked on projects like these, the consequences of them seldom turn out to be as bad as they appear. I think this is a good project. I think it is startling to the neighborhood but I don't think it will take very long before it's been accepted." Commissioner Jon Previtali voted no because of the traffic concerns. He said the city should take the time to get more location-specific data on traffic. He cited community comments on increased traffic in the area and the potential effects on safety and emergency services.

"I love this project, I want this project to happen," Previtali said. "The traffic, that is a huge problem. I feel like it's a safety issue that we need to deal with."

Commissioner Stewart Summers was absent from the meeting.

Merlone Geier Partners, a real estate investment firm in San Francisco, bought the property in 2017 and filed a project application in 2021.

The project has undergone several edits that increased the number of residences at the 45-acre site. The plan also calls for shops and restaurants.

According to David Parisi, a Parametrix consultant working for the city, the project would result in fewer vehicle trips than a fully occupied mall would during peak afternoon hours.

"The reason for this is because residential uses generate fewer trips than commercial uses," Parisi said.

The final report reflects this finding, but some residents questioned the calculations, which used national averages from the Institute of Transportation Engineers.

Terra Linda resident Kirk Warnock said he is against the project because the six-story buildings do not fit the suburban area. He also said the added traffic in the area would be horrible.

"It's too much," Warnock said. "Right now, if you go out and try to go anywhere on Manuel Freitas parkway, anywhere between 7:15 and 8:30, it's just a logjam. I mean if there's going to be more housing, it's got to be single-story or two-story. But making this a city when it's a suburban area is just not fair to these people who have invested their savings in their homes and everything and making it an urban area."

Commissioner Samina Saude said the environmental impact report “meets the letter of the law,” and that traffic is a regional issue, exacerbated by a commuter workforce. She pointed out that 85% of the county is open space, and that the mall is in decline.

“In order to protect that open space, we need to add density,” Saude said. “The mall is going into blight, and I think we need to ask what will happen if we don’t approve this project.”

Matthew Hartzell, a transportation planner, said he is excited about the project and feels it is needed.

He agreed with the findings of the environment report regarding traffic because the project is designed with walking, biking and multiuse paths and is near a SMART train.

“Marin County and San Rafael need more housing for young families like mine, need housing for the people who work and serve the communities in San Rafael,” Hartzell said. “That’s who I think this project is for.”

Grace Geraghty, representing the grassroots organization Responsible Growth in Marin, requested that some project fees go toward improving recreation sites in northern San Rafael because upgrades are desperately needed. She said the nonprofit appreciates the changes the developer has made thus far, especially regarding affordable housing and for-sale townhomes.

“We are in favor of workforce housing and would have preferred that Merlone Geier provided more than the minimum 10% affordable housing,” Geraghty said.

Daryoush Davidi, a business owner and San Rafael Chamber of Commerce board member, said the project will add life to the area. He said the mall is in decline and the area lacks employee housing.

“My own employees have to commute from places like Vallejo or other surrounding communities for an hour and a half just to come to Marin to work, and after a while attrition hits,” Davidi said. “These people don’t want to come to work no matter how much you pay them because they don’t want to drive, and as a result many businesses are suffering and closing here in San Rafael.”

The commission also voted to recommend that the council approve zoning changes, including creating a Northgate Town Square Planned Development District; and the project’s environmental design and review conditions of approval, which include the tentative subdivision map and master use permit. Previtali also voted against these items.

If approved, the company hopes to begin phase one construction in 2025, and a second phase in 2040.

Leases OK'd for WildCare, Little League

BY KERI BRENNER

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After months of negotiations, San Rafael City Schools has agreed to two leases on portions of the former Old Gallinas School campus.

The district's board voted unanimously Monday in favor of the agreements. One is with the WildCare animal rescue organization and the other with Gallinas Valley Little League.

The organizations will occupy separate portions of the 7.9-acre surplus property at 251 N. San Pedro Road.

WildCare originally leased a temporary half-acre spot for two years during renovations to its headquarters on Albert Park Lane in San Rafael. However, the nonprofit sought an additional five-year lease starting on July 1, 2026, when the temporary lease expires.

"We need to stay a little longer," said Elyn Weisel, the executive director. "We probably won't be done with our renovations by June 2026. This gives us some space to develop our property."

Since moving to the former school campus, WildCare has put up "a huge amount of money to develop infrastructure there," Weisel said. "We love being out there," she said.

The organization will pay about \$2,500 per month in rent, plus a 3% to 6% annual increase, depending on the consumer price index. The rent includes a prorated amount for property insurance, the district said.

The new lease, which covers access to non-exclusive parking spaces, includes a five-year option to renew.

Gallinas Valley Little League obtained a lease through June 30, 2026, for a 2.23-acre portion of the site, plus non-exclusive parking. The lease includes the option to renew for an extension of one to five years.

The league will pay an annual rent of \$12,000 with a 5% annual increase, according to a staff report from Bob Marcucci, assistant superintendent for the school district.

The report says the Little League will reimburse the district for water and outfield maintenance costs, and part of the property insurance. The league is responsible for maintaining the infield and adjacent facilities such as the snack shack and equipment sheds.

"We can continue to work hard with Gallinas Valley Little League to hopefully keep baseball going there for many years," Marcucci said at the board meeting.

Nancy Miller, a Little League board member, told trustees that the league is "thrilled" with the agreement. The league has been operating since 1959 and serves thousands of children, she said.