



101 Lucas Valley Road, Suite 300
San Rafael, CA 94903
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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
Ronald Ford
Craig K. Murray
Gary E. Robards
Crystal J. Yezman

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

BOARD MEETING AGENDA

March 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

4:00 PM

OPEN SESSION:

4:05 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.

4:10 PM

2. 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 February 15, 2024
- B. Approve the Warrant List for March 7, 2024
- C. Approve Robards attending the NBWA Conference April 19 in Sonoma
- D. Approve Yezman attending the NBWA Conference April 19 in Sonoma
- E. Approve Call for Bids Treatment Plant Standby Generator Upgrade Project
- F. Approve Resolution 2024-2323 GM Contract Amendment and Salary Pay Scale
- G. Approve Biosolids Land Application Services Project Notice of Completion and Resolution 2024-2324
- H. Approve July 4th Board Meeting Cancellation

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

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

- 4:20 PM** **3. AWARD OF CONTRACT FOR DESIGN OF LAB, BOARDROOM AND EDUCATION CENTER**
Board to review and approve the Award of Contract for the Design of the Lab, Boardroom and Education Center.

- 5:00 PM** **4. INFORMATION ITEMS:**
STAFF/CONSULTANT REPORTS:
 - 1. Solar Project Presentation
 - 2. General Manager’s Report – verbal

- 5:40 PM** **5. BOARD MEMBER REPORTS:**

 - 1. CLARK
 - a. NBWA Board Committee, Operations Control Centers Ad Hoc Committee, Fleet Management Ad Hoc Committee, FutureSense Ad Hoc Committee, CASA Workforce Committee, Other Reports

 - 2. FORD
 - a. NBWRA, Operations Control Center Ad Hoc Committee, Flood Zone 6, McInnis Marsh Ad Hoc Committee, Fleet Management Ad Hoc Committee, San Francisco Bay Trail Ad Hoc Committee, CASA TRIG Committee, Other Reports

 - 3. MURRAY
 - a. Marin LAFCO, Flood Zone 6, Biosolids Ad Hoc Committee, CASA Energy Committee, Development Ad Hoc Committee, San Francisco Bay Trail Ad Hoc Committee, Other Reports

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

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

- 5:50 PM** **6. BOARD REQUESTS:**
 - A. Board Meeting Attendance Requests – Verbal
 - B. Board Agenda Item Requests – Verbal

5:55 PM 7. VARIOUS INDUSTRY RELATED ARTICLES

6:00 PM CLOSED SESSION:

8. CONFERENCE WITH LEGAL COUNSEL—ANTICIPATED LITIGATION – Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Government Code § 54956.9: One case.

6:15 PM OPEN SESSION:

9. ADJOURNMENT

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

DATED: February 29, 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, if you need special assistance to participate in this meeting, please contact the District at (415) 472-1734 at least 24 hours prior to the meeting. Notification prior to the meeting will enable the District to make reasonable accommodation to help ensure accessibility to this meeting.

AGENDA ITEM 1

3/7/2024

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.

MEETING MINUTES OF FEBRUARY 15, 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, Ron Ford, Craig Murray, Gary Robards and Crystal Yezman (arrived at 4:05 pm)
- BOARD MEMBERS ABSENT:** None.
- STAFF PRESENT:** Curtis Paxton, General Manager; Teresa Lerch, Board Secretary; Dale McDonald, District Treasurer; Mel Liebmann, Plant Manager (by zoom), Mike Cortez, District Engineer (by zoom).
- OTHERS PRESENT:** Patrick Richardson, District Counsel; Jim Finklestein, FutureSense and Michelle Lazear, FutureSense (by zoom).
- ANNOUNCEMENT:** President Murray announced that the agenda had been posted as evidenced by the certification on file in accordance with the law.

1. PUBLIC COMMENT: None.

2. 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 January 4, 2024
- B. Approve the Warrant List for February 15, 2024
- C. Approve Board Compensation for January 2024
- D. Approve Resolution 2024-2322 Declaring that Certain Property is Surplus Property and May Be Disposed Of

ACTION:

Board approved (M/S Ford/Clark (4-0-1-0) the Consent Calendar items A through D.

AYES: Clark, Ford, Murray and Robards.

NOES: None.

ABSENT: Yezman.

ABSTAIN: None.

3. INFORMATION ITEMS:

STAFF / CONSULTANT REPORTS:

- 1. FutureSense Employee Cultural Assessment Report – Jim Finklestein and Michelle Lazear from FutureSense reviewed the LGVSD Employee Cultural Assessment Report with the Board. Discussion ensued.
- 2. General Manager's Report – Paxton reported.
- 3. Administrative Department Report – McDonald reported.
- 4. Engineering Department Report – Cortez reported.

- 5. Quarterly Financial Report – McDonald reported.
- 6. LGVSD Website update – Lerch reported.

4. GENERAL MANAGER CONTRACT AMENDMENT

The Board discussed the General Manager's Contract Amendment.

ACTION:

Board approved (M/S Robards/Ford (5-0-0-0) an Amendment to the General Manager's Contract providing for a merit pay increase of 5% to the base salary, effective the pay period containing August 8, 2023.

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

5. BOARD REPORTS

1. CLARK

- a. NBWA Board Committee – verbal report
- b. 2024 Operation Control Centers Ad Hoc Committee – no report
- c. 2024 GM Salary Negotiation Ad Hoc Committee – no report
- d. 2024 Fleet Management Ad Hoc Committee – no report
- e. 2023 FutureSense Ad Hoc Committee – no report
- f. CASA Workforce Committee – no report
- g. Other Reports – none

Board President Murray dissolved the 2023 GM Salary Negotiation Ad Hoc Committee.

2. FORD

- a. NBWRA – no report
- b. Flood Zone 6 – no report
- c. 2024 Operations Control Center Ad Hoc Committee – no report
- d. 2024 McInnis Marsh Ad Hoc Committee – no report
- e. 2024 Fleet Management Ad Hoc Committee – no report
- f. 2024 Bay Trail Ad Hoc Committee – verbal report
- g. CASA TRIG Committee – no report
- h. Other Reports – none

3. MURRAY

- a. Marin LAFCO – verbal report
- b. Flood Zone 6 – no report
- c. CASA Energy Committee – no report
- d. 2024 Biosolids Ad Hoc Committee – no report
- e. 2024 Development Ad Hoc Committee – no report
- f. 2024 SF Bay Trail Ad Hoc Committee – no report
- g. Other Reports–written reports in packet

4. ROBARDS

- a. Gallinas Watershed Council/Miller Creek – verbal report
- b. 2024 STPURWE Engineering Ad Hoc Committee – no report
- c. 2024 McInnis Marsh Ad Hoc Committee – no report
- d. 2024 Development Ad Hoc Committee – no report
- e. 2024 FutureSense Ad Hoc Committee – no report
- f. Other Reports – SVNA meeting update – verbal report

- 5. YEZMAN
 - a. Flood Zone 7– no report
 - b. CSRMA – no report
 - c. Marin Special District Association – no report
 - d. 2024 STPURWE Engineering Ad Hoc Committee – no report
 - e. 2024 Biosolids Ad Hoc Committee – no report
 - f. Other Reports– none

- 6. **BOARD REQUESTS:**
 - A. Board Meeting Attendance Requests – none.
 - B. Board Agenda Item Requests – none.

- 7. **MISCELLANEOUS DISTRICT CORRESPONDENCE**
Discussion ensued.

- 8. **ADJOURNMENT:**
ACTION:
The board approved (M/S Ford/Robards 5-0-0-0) the adjournment of the meeting at 6:07 p.m.
 - AYES: Clark, Ford, Murray, Robards and Yezman.
 - NOES: None.
 - ABSENT: None.
 - ABSTAIN: None.

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

ATTEST:

Teresa Lerch, Board Secretary

APPROVED:

Ron Ford, Vice-President

Date: March 7, 2024

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|---|-----------------------------|-----------------|---|--------------|--------------------|-------------|-----------|--------|
| ADP Inc | | | | | | | | |
| 140 | ADP Inc | 653571983 | Payroll processing fees Comprehensive Service | 02/02/24 | 69.05 | .00 | | |
| 140 | ADP Inc | 653573044 | Payroll processing fees Comprehensive Service | 02/02/24 | 2,018.45 | .00 | | |
| 140 | ADP Inc | 654192383 | Payroll processing fees YE Tax Reporting | 02/14/24 | 271.05 | .00 | | |
| Total ADP Inc: | | | | | 2,358.55 | .00 | | |
| Applied Industrial Technologies | | | | | | | | |
| 3045 | Applied Industrial Technolo | 7028953484 | Cottered Chain and 5 Addl Links for Cottered C | 02/13/24 | 4,809.29 | .00 | | |
| Total Applied Industrial Technologies: | | | | | 4,809.29 | .00 | | |
| Aqua Engineering Inc | | | | | | | | |
| 240 | Aqua Engineering Inc | 27066 | STPURWE- Amendment 10- Bidding & construc | 02/13/24 | 21,223.96 | .00 | | |
| Total Aqua Engineering Inc: | | | | | 21,223.96 | .00 | | |
| AT&T | | | | | | | | |
| 270 | AT&T | 2.7.24 - 3.6.24 | Phone Lines at Pump Station | 02/07/24 | 690.08 | .00 | | |
| Total AT&T: | | | | | 690.08 | .00 | | |
| Banner Bank Escrow 1559 | | | | | | | | |
| 305 | Banner Bank Escrow 1559 | ESCROW 0214 | Retenention #52 | 09/26/23 | 27,882.71 | .00 | | |
| Total Banner Bank Escrow 1559: | | | | | 27,882.71 | .00 | | |
| Bellecci & Associates Inc | | | | | | | | |
| 355 | Bellecci & Associates Inc | 230140.00-000 | On-Call Inspection Services for Collection Syste | 02/07/24 | 11,145.00 | .00 | | |
| Total Bellecci & Associates Inc: | | | | | 11,145.00 | .00 | | |
| Blocka Construction, Inc. | | | | | | | | |
| 3035 | Blocka Construction, Inc. | PAYMENT 3 | Digester MCC-2 Upgrade | 02/26/24 | 15,200.00 | .00 | | |
| Total Blocka Construction, Inc.: | | | | | 15,200.00 | .00 | | |
| BMO Bank N.A. | | | | | | | | |
| 3515 | BMO Bank N.A. | ESCROW 2.21. | Escrow retention #2 | 02/21/24 | 1,802.22 | .00 | | |
| Total BMO Bank N.A.: | | | | | 1,802.22 | .00 | | |
| Brown and Caldwell | | | | | | | | |
| 440 | Brown and Caldwell | 11508924 | STPURWE - Amendment 4 - Engineering Servic | 02/12/24 | 2,784.49 | .00 | | |
| 440 | Brown and Caldwell | 11508924 | STPURWE - Amendment 4 - Engineering Servic | 02/12/24 | 491.38 | .00 | | |
| Total Brown and Caldwell: | | | | | 3,275.87 | .00 | | |
| Cal Microturbine | | | | | | | | |
| 515 | Cal Microturbine | 4924 | Factory protection plan for Microturbines 5 yr co | 01/01/24 | 12,107.21 | .00 | | |
| Total Cal Microturbine: | | | | | 12,107.21 | .00 | | |
| California Water Environment Association | | | | | | | | |
| 545 | California Water Environme | C. GILL | Cert Renewal C. Gill C. System Maint. Grade III | 02/28/24 | 108.00 | .00 | | |
| 545 | California Water Environme | G. MALEKI | CWEA Membership G. Maleki | 02/08/24 | 241.00 | .00 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|---|------------------------------|----------------|---------------------------------------|--------------|--------------------|-------------|-----------|--------|
| Total California Water Environment Association: | | | | | 349.00 | .00 | | |
| CalNet | | | | | | | | |
| 2935 | CalNet | 21298263 | Phone Lines at Pump Station | 02/20/24 | 330.27 | .00 | | |
| Total CalNet: | | | | | 330.27 | .00 | | |
| CalPERS 457 Plan Deferred Comp | | | | | | | | |
| 555 | CalPERS 457 Plan Deferr | 457 2_23 | 457 Deferred Comp Paydate 2/23 | 02/26/24 | 11,270.14 | .00 | | |
| 555 | CalPERS 457 Plan Deferr | 457 2_9 | 457 Deferred Comp Paydate 2/9 | 02/21/24 | 11,670.14 | .00 | | |
| Total CalPERS 457 Plan Deferred Comp: | | | | | 22,940.28 | .00 | | |
| CALPERS Health | | | | | | | | |
| 565 | CALPERS Health | MARCH 2024 | Active Admin Fee | 02/14/24 | 10,593.85 | .00 | | |
| 565 | CALPERS Health | MARCH 2024 | Active Admin Fee | 02/14/24 | 5,107.05 | .00 | | |
| 565 | CALPERS Health | MARCH 2024 | Active Admin Fee | 02/14/24 | 9,396.98 | .00 | | |
| 565 | CALPERS Health | MARCH 2024 | Active Admin Fee | 02/14/24 | 4,971.55 | .00 | | |
| 565 | CALPERS Health | MARCH 2024 | Active Admin Fee | 02/14/24 | 2,335.68 | .00 | | |
| 565 | CALPERS Health | MARCH 2024 | Active Admin Fee | 02/14/24 | 16,608.31 | .00 | | |
| 565 | CALPERS Health | MARCH 2024 | Employer Share- Retired Premium | 02/14/24 | 1,570.00 | .00 | | |
| 565 | CALPERS Health | MARCH 2024 | Employer Share- Retired Premium | 02/14/24 | 157.00 | .00 | | |
| 565 | CALPERS Health | MARCH 2024 | Employer Share- Retired Premium | 02/14/24 | 1,413.00 | .00 | | |
| Total CALPERS Health: | | | | | 52,153.42 | .00 | | |
| CALPERS Retirement | | | | | | | | |
| 575 | CALPERS Retirement | PAYDATE 2_9_ | EE & ER Retirement- Paydate 2/9 | 02/21/24 | 5,950.70 | .00 | | |
| 575 | CALPERS Retirement | PAYDATE 2_9_ | EE & ER Retirement- Paydate 2/9 | 02/21/24 | 4,119.14 | .00 | | |
| 575 | CALPERS Retirement | PAYDATE 2_9_ | EE & ER Retirement- Paydate 2/9 | 02/21/24 | 7,060.58 | .00 | | |
| 575 | CALPERS Retirement | PAYDATE 2_9_ | EE & ER Retirement- Paydate 2/9 | 02/21/24 | 2,577.76 | .00 | | |
| 575 | CALPERS Retirement | PAYDATE 2_9_ | EE & ER Retirement- Paydate 2/9 | 02/21/24 | 1,596.25 | .00 | | |
| 575 | CALPERS Retirement | PAYDATE 2_9_ | EE & ER Retirement- Paydate 2/9 | 02/21/24 | 10,055.38 | .00 | | |
| 575 | CALPERS Retirement | RETIREMENT | EE & ER Retirement- Paydate 2/23 | 02/26/24 | 5,950.70 | .00 | | |
| 575 | CALPERS Retirement | RETIREMENT | EE & ER Retirement- Paydate 2/23 | 02/26/24 | 4,119.14 | .00 | | |
| 575 | CALPERS Retirement | RETIREMENT | EE & ER Retirement- Paydate 2/9 | 02/26/24 | 7,085.64 | .00 | | |
| 575 | CALPERS Retirement | RETIREMENT | EE & ER Retirement- Paydate 2/23 | 02/26/24 | 2,577.76 | .00 | | |
| 575 | CALPERS Retirement | RETIREMENT | EE & ER Retirement- Paydate 2/23 | 02/26/24 | 1,596.25 | .00 | | |
| 575 | CALPERS Retirement | RETIREMENT | EE & ER Retirement- Paydate 2/23 | 02/26/24 | 10,055.38 | .00 | | |
| Total CALPERS Retirement: | | | | | 62,744.68 | .00 | | |
| Caltest Analytical Laboratory | | | | | | | | |
| 580 | Caltest Analytical Laborator | 716725 | Outside Lab Testing | 02/12/24 | 4,453.67 | .00 | | |
| Total Caltest Analytical Laboratory: | | | | | 4,453.67 | .00 | | |
| Cintas Corporation | | | | | | | | |
| 675 | Cintas Corporation | 4183005231 | Laundry Service for week of 2/11/2024 | 02/12/24 | 371.30 | .00 | | |
| 675 | Cintas Corporation | 4183005231 | Laundry Service for week of 2/11/2024 | 02/12/24 | 371.31 | .00 | | |
| Total Cintas Corporation: | | | | | 742.61 | .00 | | |
| Comet Building Maintenance | | | | | | | | |
| 715 | Comet Building Maintenanc | 171786 | Janitorial Services Feb 2024 | 02/21/24 | 2,043.07 | .00 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|---|-----------------------------|----------------|--|--------------|--------------------|-------------|-----------|--------|
| Total Comet Building Maintenance: | | | | | 2,043.07 | .00 | | |
| Corcus Construction Inc. | | | | | | | | |
| 3175 | Corcus Construction Inc. | 2.26.24 | John Duckett Force Main Access Structures | 02/26/24 | 34,242.23 | .00 | | |
| Total Corcus Construction Inc.: | | | | | 34,242.23 | .00 | | |
| CPS HR Consulting | | | | | | | | |
| 780 | CPS HR Consulting | 0012421 | Human Resources Consulting Services | 02/24/24 | 1,255.74 | .00 | | |
| Total CPS HR Consulting: | | | | | 1,255.74 | .00 | | |
| Dell Marketing LP | | | | | | | | |
| 895 | Dell Marketing LP | 10731012077 | Dell Rugged Tablets for CSO vehicles | 02/14/24 | 5,980.60 | .00 | | |
| 895 | Dell Marketing LP | 10731398490 | Brandon's replacement computer | 02/16/24 | 1,046.53 | .00 | | |
| Total Dell Marketing LP: | | | | | 7,027.13 | .00 | | |
| Diego Truck Repair Inc | | | | | | | | |
| 915 | Diego Truck Repair Inc | 68401 | 2022 Dodge Ram - Full Service | 02/14/24 | 1,078.04 | .00 | | |
| Total Diego Truck Repair Inc: | | | | | 1,078.04 | .00 | | |
| Direct Dental Administrators LLC | | | | | | | | |
| 925 | Direct Dental Administrator | D20240126-28 | Dental Payment - Checks for employee benefits | 01/20/24 | 862.68 | .00 | 01/25/24 | |
| Total Direct Dental Administrators LLC: | | | | | 862.68 | .00 | | |
| Evoqua Water Technologies LLC | | | | | | | | |
| 1055 | Evoqua Water Technologie | 906316565 | Laboratory Services and Supplies | 02/08/24 | 824.31 | .00 | | |
| Total Evoqua Water Technologies LLC: | | | | | 824.31 | .00 | | |
| FedEx | | | | | | | | |
| 1090 | FedEx | 8-418-30895 | Misc. Mailings | 02/23/24 | 53.95 | .00 | | |
| Total FedEx: | | | | | 53.95 | .00 | | |
| Freyer & Laureta Inc | | | | | | | | |
| 1150 | Freyer & Laureta Inc | 24-082 | On-Call Contract for Engineering Services 2023 | 02/27/24 | 16,757.50 | .00 | | |
| 1150 | Freyer & Laureta Inc | 24-0881 | Marin Lagoon Pump Station Control Panel and | 02/27/24 | 12,325.00 | .00 | | |
| 1150 | Freyer & Laureta Inc | 24-107 | Emergency Bypass Pumping Analysis & Respo | 02/27/24 | 230.00 | .00 | | |
| Total Freyer & Laureta Inc: | | | | | 29,312.50 | .00 | | |
| GHD Inc. | | | | | | | | |
| 1190 | GHD Inc. | 380-0046436 | Amendment #1 Terra Linda- Hwy 101 Sewer Cr | 02/26/24 | 726.00 | .00 | | |
| Total GHD Inc.: | | | | | 726.00 | .00 | | |
| Grainger | | | | | | | | |
| 1235 | Grainger | 9021884326 | Misc. Supplies | 02/15/24 | 433.76 | .00 | | |
| 1235 | Grainger | 9026901398 | Misc. Supplies | 02/20/24 | 54.99 | .00 | | |
| 1235 | Grainger | 9030689484 | Fuses | 02/23/24 | 1,939.33 | .00 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|--|----------------------------|----------------|--|--------------|--------------------|-------------|-----------|--------|
| Total Grainger: | | | | | 2,428.08 | .00 | | |
| Hach Company | | | | | | | | |
| 1260 | Hach Company | 13924893 | Hach sensors / electrolyte / membrane caps | 02/15/24 | 8,923.87 | .00 | | |
| 1260 | Hach Company | 13937104 | Hach sensors / electrolyte / membrane caps | 02/26/24 | 2,474.51 | .00 | | |
| Total Hach Company: | | | | | 11,398.38 | .00 | | |
| HASA Inc. | | | | | | | | |
| 3055 | HASA Inc. | 941061 | Chemicals | 02/02/24 | 15,072.34 | .00 | | |
| 3055 | HASA Inc. | 943332 | Chemicals | 02/15/24 | 15,219.77 | .00 | | |
| Total HASA Inc.: | | | | | 30,292.11 | .00 | | |
| Instrument Technology Corporation | | | | | | | | |
| 1375 | Instrument Technology Cor | 23161 | CP/vCam-6 repair | 02/20/24 | 1,242.17 | .00 | | |
| Total Instrument Technology Corporation: | | | | | 1,242.17 | .00 | | |
| Kemira Water Solutions Inc. | | | | | | | | |
| 1435 | Kemira Water Solutions Inc | 9017817508 | PAX-XL 1900 | 01/09/24 | 31,728.39 | .00 | | |
| 1435 | Kemira Water Solutions Inc | 9017817566 | Ferric Chloride Solution | 01/09/24 | 15,972.86 | .00 | | |
| Total Kemira Water Solutions Inc.: | | | | | 47,701.25 | .00 | | |
| Kennedy Jenks Consulting Inc | | | | | | | | |
| 1440 | Kennedy Jenks Consulting | 169919 | STPURWE: Amendment 2 - Construction Mana | 02/27/24 | 617.33 | .00 | | |
| Total Kennedy Jenks Consulting Inc: | | | | | 617.33 | .00 | | |
| Kyocera Document Solutions | | | | | | | | |
| 1475 | Kyocera Document Solutio | 55E1769290 | Overages Charges for toner, copies etc. | 02/26/24 | 1,474.12 | .00 | | |
| Total Kyocera Document Solutions: | | | | | 1,474.12 | .00 | | |
| Kyocera Lease Agreement | | | | | | | | |
| 3025 | Kyocera Lease Agreement | 15078286 | Copier lease payment | 02/26/24 | 1,491.26 | .00 | | |
| Total Kyocera Lease Agreement: | | | | | 1,491.26 | .00 | | |
| Liebert Cassidy Whitmore | | | | | | | | |
| 1500 | Liebert Cassidy Whitmore | 261012 | Professional rules review | 01/31/24 | 919.00 | .00 | | |
| 1500 | Liebert Cassidy Whitmore | 261012 | Professional rules review - additional cost for Ja | 01/31/24 | 2,305.00 | .00 | | |
| Total Liebert Cassidy Whitmore: | | | | | 3,224.00 | .00 | | |
| Liebmann, Mel | | | | | | | | |
| 1505 | Liebmann, Mel | WELLNESS R | Wellness Reimbursement Program 2024 | 02/08/24 | 500.00 | .00 | | |
| Total Liebmann, Mel: | | | | | 500.00 | .00 | | |
| Lingo Telecom Inc | | | | | | | | |
| 460 | Lingo Telecom Inc | 48990129 | Truck Lines | 02/01/24 | 330.06 | .00 | | |
| Total Lingo Telecom Inc: | | | | | 330.06 | .00 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|--|---------------------------|----------------|--|--------------|-----------------------|-------------|-----------|--------|
| Marin Ace | | | | | | | | |
| 1560 | Marin Ace | 71520 | Bulk Stock | 02/14/24 | .81 | .00 | | |
| 1560 | Marin Ace | 71760 | Misc Supplies | 02/26/24 | 22.93 | .00 | | |
| Total Marin Ace: | | | | | 23.74 | .00 | | |
| Myers & Sons Construction LP | | | | | | | | |
| 1720 | Myers & Sons Construction | 0214-52 | STPURWE Change Orders #54 to #58 | 02/28/24 | 450,305.76 | .00 | | |
| 1720 | Myers & Sons Construction | 0214-52 | STPURWE Change Order CCO #53 | 02/28/24 | 79,465.72 | .00 | | |
| Total Myers & Sons Construction LP: | | | | | 529,771.48 | .00 | | |
| Orion Protection Services Group Inc | | | | | | | | |
| 1860 | Orion Protection Services | 12875 | Nightly Patrol- Smith Ranch | 02/17/24 | 369.61 | .00 | | |
| Total Orion Protection Services Group Inc: | | | | | 369.61 | .00 | | |
| Platt Electric Supply | | | | | | | | |
| 1995 | Platt Electric Supply | 4V59110 | Electrical Supplies | 02/14/24 | 33.49 | .00 | | |
| Total Platt Electric Supply: | | | | | 33.49 | .00 | | |
| Regional Government Services | | | | | | | | |
| 2090 | Regional Government Serv | 16327 | Contract services for January | 01/31/24 | 1,494.46 | .00 | | |
| Total Regional Government Services: | | | | | 1,494.46 | .00 | | |
| RelaDyne | | | | | | | | |
| 2105 | RelaDyne | 0091424-IN | Unleaded- Collections | 02/02/24 | 845.40 | .00 | | |
| 2105 | RelaDyne | 0091424-IN | Unleaded- Plant | 02/02/24 | 845.40 | .00 | | |
| 2105 | RelaDyne | 0091424-IN | Diesel- Collections | 02/02/24 | 2,171.65 | .00 | | |
| 2105 | RelaDyne | 0091424-IN | Diesel- Plant | 02/02/24 | 2,171.65 | .00 | | |
| Total RelaDyne: | | | | | 6,034.10 | .00 | | |
| Riedinger Consulting | | | | | | | | |
| 2220 | Riedinger Consulting | 2023-920 | STPURWE Additional PCO Support | 01/12/24 | 2,712.50 | .00 | | |
| 2220 | Riedinger Consulting | 2024-925 | STPURWE Additional PCO Support | 02/14/24 | 1,837.50 | .00 | | |
| Total Riedinger Consulting: | | | | | 4,550.00 | .00 | | |
| Ross Recreation Equipment | | | | | | | | |
| 3385 | Ross Recreation Equipmen | 124915 | Replacement plaque for Judy's bench | 02/23/24 | 234.58 | .00 | | |
| Total Ross Recreation Equipment: | | | | | 234.58 | .00 | | |
| San Rafael Police Dept | | | | | | | | |
| 2300 | San Rafael Police Dept | INV-24-470329 | Permit 2024 - 300 Smith Ranch Rd. | 02/07/24 | 20.00 | .00 | | |
| Total San Rafael Police Dept: | | | | | 20.00 | .00 | | |
| Starnes, Daniel | | | | | | | | |
| 2885 | Starnes, Daniel | 804958 | Certification Reimbursement - Mech Tech 1/CW | 10/02/23 | 413.00 | .00 | | |
| 2885 | Starnes, Daniel | 804959 | Certification Reimbursement - Collection Syste | 10/02/23 | 192.00 | .00 | | |
| 2885 | Starnes, Daniel | 805950 | Certification Reimbursement -Elec & Instr 1 | 10/23/23 | 207.00 | .00 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|--|-----------------------------|----------------|--|--------------|--------------------|-------------|-----------|--------|
| Total Starnes, Daniel: | | | | | 812.00 | .00 | | |
| Sun Life Financial - LIFE & ADD | | | | | | | | |
| 2460 | Sun Life Financial - LIFE & | FEB 2024 | Life & ADD | 01/17/24 | 901.24 | .00 | | |
| 2460 | Sun Life Financial - LIFE & | FEB 2024 | Life & ADD | 01/17/24 | 130.76 | .00 | | |
| 2460 | Sun Life Financial - LIFE & | FEB 2024 | Life & ADD | 01/17/24 | 246.28 | .00 | | |
| 2460 | Sun Life Financial - LIFE & | FEB 2024 | Life & ADD | 01/17/24 | 271.00 | .00 | | |
| 2460 | Sun Life Financial - LIFE & | FEB 2024 | Life & ADD | 01/17/24 | 64.58 | .00 | | |
| 2460 | Sun Life Financial - LIFE & | FEB 2024 | Life & ADD | 01/17/24 | 298.00 | .00 | | |
| Total Sun Life Financial - LIFE & ADD: | | | | | 1,911.86 | .00 | | |
| Sun Life Financial - LTD | | | | | | | | |
| 2465 | Sun Life Financial - LTD | FEB 2024 | LTD | 01/17/24 | 569.23 | .00 | | |
| 2465 | Sun Life Financial - LTD | FEB 2024 | LTD | 01/17/24 | 350.83 | .00 | | |
| 2465 | Sun Life Financial - LTD | FEB 2024 | LTD | 01/17/24 | 621.09 | .00 | | |
| 2465 | Sun Life Financial - LTD | FEB 2024 | LTD | 01/17/24 | 347.72 | .00 | | |
| 2465 | Sun Life Financial - LTD | FEB 2024 | LTD | 01/17/24 | 199.61 | .00 | | |
| 2465 | Sun Life Financial - LTD | FEB 2024 | LTD | 01/17/24 | 652.45 | .00 | | |
| Total Sun Life Financial - LTD: | | | | | 2,740.93 | .00 | | |
| TMI Consulting | | | | | | | | |
| 3535 | TMI Consulting | 2011696 | Quinn - Ergonomic Evaluation | 02/28/24 | 472.50 | .00 | | |
| Total TMI Consulting: | | | | | 472.50 | .00 | | |
| Towne Communications, Inc. | | | | | | | | |
| 2565 | Towne Communications, In | 130901 | Quarterly Charge for Warranty Agreement on P | 02/28/24 | 172.58 | .00 | | |
| Total Towne Communications, Inc.: | | | | | 172.58 | .00 | | |
| United Site Services | | | | | | | | |
| 2650 | United Site Services | INV-4164464 | Porta Potties at plant | 02/03/24 | 723.93 | .00 | | |
| Total United Site Services: | | | | | 723.93 | .00 | | |
| Univar USA Inc. | | | | | | | | |
| 2655 | Univar USA Inc. | 51845046 | Sodium Bisulfite | 02/09/24 | 8,993.33 | .00 | | |
| 2655 | Univar USA Inc. | 51865983 | Sodium Bisulfite | 02/16/24 | 7,871.70 | .00 | | |
| 2655 | Univar USA Inc. | 51880769 | Sodium Bisulfite | 02/20/24 | 8,127.73 | .00 | | |
| Total Univar USA Inc.: | | | | | 24,992.76 | .00 | | |
| US Bank (bond) | | | | | | | | |
| 2665 | US Bank (bond) | 2503682 | Debit Service Payment on Revenue Bonds | 02/02/24 | 645,300.00 | .00 | | |
| 2665 | US Bank (bond) | 2503682 | Debit Service Payment on Revenue Bonds | 02/02/24 | 1,155,000.00 | .00 | | |
| Total US Bank (bond): | | | | | 1,800,300.00 | .00 | | |
| Vision Service Plan | | | | | | | | |
| 2720 | Vision Service Plan | MARCH 2024 | Vision Coverage | 02/19/24 | 65.07 | .00 | | |
| 2720 | Vision Service Plan | MARCH 2024 | Vision Coverage | 02/19/24 | 65.07 | .00 | | |
| 2720 | Vision Service Plan | MARCH 2024 | Vision Coverage | 02/19/24 | 151.83 | .00 | | |
| 2720 | Vision Service Plan | MARCH 2024 | Vision Coverage | 02/19/24 | 65.07 | .00 | | |
| 2720 | Vision Service Plan | MARCH 2024 | Vision Coverage | 02/19/24 | 43.38 | .00 | | |

| Vendor | Vendor Name | Invoice Number | Description | Invoice Date | Net Invoice Amount | Amount Paid | Date Paid | Voided |
|---|--------------------------|----------------|--------------------------------------|--------------|--------------------|-------------|-----------|--------|
| 2720 | Vision Service Plan | MARCH 2024 | Vision Coverage | 02/19/24 | 130.14 | .00 | | |
| Total Vision Service Plan: | | | | | 520.56 | .00 | | |
| Water Components & Building Supply | | | | | | | | |
| 2740 | Water Components & Build | 30629913 | Flange | 02/07/24 | 598.21 | .00 | | |
| 2740 | Water Components & Build | 30630093 | Misc. Supplies | 02/09/24 | 131.65 | .00 | | |
| 2740 | Water Components & Build | 30630374 | Valve | 02/13/24 | 686.75 | .00 | | |
| 2740 | Water Components & Build | 30630401 | Flange | 02/13/24 | 1,654.43 | .00 | | |
| 2740 | Water Components & Build | 30630439 | Flange | 02/14/24 | 1,654.43 | .00 | | |
| 2740 | Water Components & Build | 30630604 | Misc. Supplies | 02/15/24 | 61.22 | .00 | | |
| 2740 | Water Components & Build | 30630917 | Flange | 02/21/24 | 639.93 | .00 | | |
| Total Water Components & Building Supply: | | | | | 5,426.62 | .00 | | |
| WEX Health Inc. | | | | | | | | |
| 2780 | WEX Health Inc. | 0001889151-IN | FSA Administration | 01/31/24 | 50.00 | .00 | 01/25/24 | |
| 2780 | WEX Health Inc. | FSA 2_15_24 | FSA Reimbursement 2-15-24 to 2-15-24 | 02/16/24 | 129.58 | .00 | | |
| 2780 | WEX Health Inc. | FSA 2_16_24 | FSA Reimbursement 2-16-24 | 02/16/24 | 270.00 | .00 | | |
| Total WEX Health Inc.: | | | | | 449.58 | .00 | | |
| Grand Totals: | | | | | 2,803,388.01 | .00 | | |

Board Member: _____

General Manager: _____

Finance Manager: _____



BOARD MEMBER CONFERENCE/ MEETING/WEBINAR ATTENDANCE REQUEST

Date: 2/27²⁰²⁴ Name: GARY ROBARO

I would like to attend the North Bay Watershed Conference Meeting
of NBWA

To be held on the 19 day of April from 9 a.m./p.m. to
19 day of April from 3 a.m./p.m.

Location of meeting: Rohnert Park

Actual meeting date(s): Apr 19, 2024

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

Purpose of Meeting: to imagine our future North Bay

Meeting relevance to District: learn about regional projects

Board Members to register for Webinars and Meetings
Request assistance from Board Secretary to register for Conference only: YES NO

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

Frequency of Meeting: 1

Estimated Costs of Travel (if applicable): \$100

Date submitted to Board Secretary: 2/27/2024

Board approval obtained on Date: _____

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

AGENDA ITEM 2D
DATE March 7, 2024



BOARD MEMBER CONFERENCE/ MEETING/WEBINAR ATTENDANCE REQUEST

Date: 02/15/24 Name: Crystal Yezman

I would like to attend the Annual Conference Meeting of
NBWA

To be held on the 19th day of April from 9 a.m. to 3 p.m.

Location of meeting: Sonoma State University

Actual meeting date(s): 4/19/2024

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

Purpose of Meeting: North Bay Watershed Stakeholder Meeting, Networking and
Education

Meeting relevance to District: Environmental Protection, Climate Change, and
Regulatory Compliance

Board Members to register for Webinars and Meetings

YES NO

Request assistance from Board Secretary to register for Conference only:

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

Frequency of Meeting: 1x/yr

Estimated Costs of Travel (if applicable): ~\$200

Date submitted to Board Secretary: 02/15/2024

Board approval obtained on Date: _____

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



Item Number _____ 2E _____

GM Review _____ CP _____

Agenda Summary Report

To: Board of Directors
From: Michael P. Cortez, PE, District Engineer
 (415) 526-1518; mcortez@lgvsd.org
Mtg. Date: March 7, 2024
Re: Call for Bids for Treatment Plant Standby Generator Upgrade Project
Item Type: Consent Action Information Other
Standard Contract: Yes No (See attached) Not Applicable

STAFF RECOMMENDATION

Board to approve Call for Bids for Treatment Plant Standby Generator Upgrade Project.

BACKGROUND

Aqua Engineering has completed the design of the Treatment Plant Standby Generator Upgrade Project. The project is ready for bid advertisement with bid opening scheduled for April 30, 2024. The Engineer’s estimate of construction is \$1M. Funding will be reallocated from the TWAS Enclosure/Sludge Basin & Reception Pad Project, currently listed in the FY 2023/24 CIP budget, which District staff deferred to address other projects with higher priority.

The project provides for the installation of new cables in existing spare conduits to connect existing electrical panels and gear in the Equipment Building to the new service and standby generator installed with the new Electrical Building. This will allow for a single service meter to serve the treatment plant as well as the operations of a single standby generator. The existing standby generator near the Equipment Building will be decommissioned and disposed offsite once the new connection is made. District staff delayed this portion of work to minimize interruptions of treatment processes during construction of the Secondary Treatment Plant Upgrade and Recycled Water Expansion Project.

PREVIOUS BOARD ACTION

N/A

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

To Be Determined




Item Number 2F

GM Review CP

Agenda Summary Report

To: Board of Directors

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

Meeting Date: March 7, 2024

Re: Resolution Approving Salary Pay Schedule, Pursuant to the California Code of Regulations, Subchapter 1, Employees' Retirement System Regulations Section 570.5.

Item Type: Consent X Action Information Other .

Standard Contract: Yes No (See attached) Not Applicable X.

STAFF RECOMMENDATION

Staff requests that the Board approve the attached Salary Pay Schedule and associated Resolution 2024-2323.

BACKGROUND

When the District adds or modifies compensable employee wages, a new Salary Pay Schedule must be adopted to meet California Code of Regulations, Subchapter 1, Employees' Retirement System Regulations Section 570.5 (2 CCR § 570.5).

The Salary Pay Schedule has been updated to reflect the base salary increase of the General Manager position by five percent with an effective date for this position of August 7, 2023. No other changes to the Salary Pay Schedule have been made.

PREVIOUS BOARD ACTION

On February 15, 2024, the Board approved a five percent increase to the General Manager's base salary and authorized an amendment to the Employment Agreement Between Las Gallinas Valley Sanitary District And Curtis D. Paxton.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

None. Approving the Pay Schedule is administrative.

RESOLUTION NO. 2024-2323

A RESOLUTION ADOPTING THE SALARY PAY SCALES PURSUANT TO THE CALIFORNIA CODE OF REGULATIONS, SUBCHAPTER 1, EMPLOYEES' RETIREMENT SYSTEM REGULATIONS SECTION 570.5

LAS GALLINAS VALLEY SANITARY DISTRICT

WHEREAS, the Las Gallinas Valley Sanitary District ("District") adopted a Salary Pay Schedule for all employees on January 4, 2024; and

WHEREAS, on October 5, 2023, the Board of Directors completed a performance evaluation of the General Manager for the period of August 8, 2022 to August 7, 2023; and

WHEREAS, an amendment to the Employment Agreement to increase the General Manager's base salary by five percent with an effective date of the payroll period containing August 8, 2023 was authorized on February 15, 2024; and

WHEREAS, the pay period that contained August 8, 2023 started on August 7, 2023; and

WHEREAS, the Las Gallinas Valley Sanitary District has contracted with CalPERS to provide certain retirement benefits to its employees; and

WHEREAS, the governance of retirement benefits provided to public employees in the state of California is governed by California Government Code Title 2, Division 5, Part 3 Public Employees' Retirement System; and

WHEREAS, the Board of Administration of the Public Employees' Retirement System has promulgated regulations to implement requirements of the governing law; and

WHEREAS, the California Code of Regulations, Subchapter 1, Employees' Retirement System Regulations section 570.5 (2 CCR § 570.5) states that

"(a) For purposes of determining the amount of "compensation earnable" pursuant to Government Code Sections 20630, 20636, and 20636.1, payrate shall be limited to the amount listed on a pay schedule that meets all of the following requirements:

(1) Has been duly approved and adopted by the employer's governing body in accordance with requirements of applicable public meeting laws;

(2) Identifies the position title for every employee position;

(3) Shows the payrate for each identified position, which may be stated as a single amount or as multiple amounts within a range;

(4) Indicates the time base, including, but not limited to, whether the time base is hourly, daily, bi-weekly, monthly, bi-monthly, or annually;

- (5) Is posted at the office of the employer or immediately accessible and available for public review from the employer during normal business hours or posted on the employer's internet website;
- (6) Indicates an effective date and date of any revisions;
- (7) Is retained by the employer and available for public inspection for not less than five years; and
- (8) Does not reference another document in lieu of disclosing the payrate”.

THEREFORE, BE IT RESOLVED that the Board of Directors of the Las Gallinas Valley Sanitary District does hereby adopt the Salary Pay Schedule Effective March 7, 2024, incorporating the General Manager salary increase of August 7, 2023, which is attached as Exhibit A and is included by reference, in accordance with the requirements of the California Code of Regulations, Subchapter 1, Employees’ Retirement System Regulations section 570.5 (2 CCR § 570.5).

* * * * *

I hereby certify that the forgoing is a full, true and correct copy of a resolution duly and regularly passed and adopted by the Sanitary Board of the Las Gallinas Valley Sanitary District, Marin County, California, at a regular meeting thereof held on March 7, 2024, by the following vote of the members thereof:

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

Teresa Lerch, Board Secretary
Las Gallinas Valley Sanitary District

APPROVED:

(seal)

Craig K. Murray, Board President
Las Gallinas Valley Sanitary District



Las Gallinas Valley Sanitary District
Salary Pay Schedule as of March 7, 2024

EXHIBIT A

| Full Time Positions | Monthly Salary | | | | | |
|---|---------------------------------|--------|--------|--------|--------|--------|
| | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 |
| Administrative Assistant | 6,360 | 6,678 | 7,012 | 7,362 | 7,730 | 8,117 |
| Administrative/Financial Specialist | 8,767 | 9,205 | 9,666 | 10,149 | 10,656 | 11,189 |
| Administrative Services Manager | 15,470 | 16,244 | 17,056 | 17,909 | 18,804 | 19,744 |
| Assistant Engineer | 9,677 | 10,161 | 10,669 | 11,202 | 11,763 | 12,351 |
| Associate Engineer | 11,791 | 12,380 | 12,999 | 13,649 | 14,332 | 15,048 |
| Civil Engineering Technician | 7,749 | 8,136 | 8,543 | 8,970 | 9,419 | 9,890 |
| Collection System/Maintenance/Safety Manager | 15,093 | 15,848 | 16,640 | 17,472 | 18,346 | 19,263 |
| Collection System Operator ⁽¹⁾ | 6,053 | 6,356 | 6,674 | 7,007 | 7,358 | 7,726 |
| Collection System Operator I ⁽¹⁾ | 6,360 | 6,678 | 7,012 | 7,362 | 7,730 | 8,117 |
| Collection System Operator II | 6,682 | 7,016 | 7,367 | 7,735 | 8,122 | 8,528 |
| Collection System Operator III | 7,195 | 7,555 | 7,933 | 8,330 | 8,746 | 9,183 |
| Collection System Operator Lead | 7,749 | 8,136 | 8,543 | 8,970 | 9,419 | 9,890 |
| CMMS Technician | 7,749 | 8,136 | 8,543 | 8,970 | 9,419 | 9,890 |
| District Engineer | 15,857 | 16,650 | 17,482 | 18,357 | 19,274 | 20,238 |
| Executive Assistant / Board Secretary | 13,103 | 13,758 | 14,446 | 15,168 | 15,927 | 16,723 |
| Electrical Instrumentation Technician | 9,211 | 9,671 | 10,155 | 10,663 | 11,196 | 11,756 |
| Environmental Services Supervisor | 11,222 | 11,784 | 12,373 | 12,991 | 13,641 | 14,323 |
| Grant Management and Procurement Specialist | 8,767 | 9,205 | 9,666 | 10,149 | 10,656 | 11,189 |
| Laboratory Analyst-in-Training ⁽¹⁾ | 7,375 | 7,744 | 8,131 | 8,538 | 8,965 | 9,413 |
| Laboratory Analyst I ⁽¹⁾ | 7,749 | 8,136 | 8,543 | 8,970 | 9,419 | 9,890 |
| Laboratory Analyst II | 8,553 | 8,981 | 9,430 | 9,901 | 10,396 | 10,916 |
| Laboratory Analyst III | 9,919 | 10,415 | 10,936 | 11,483 | 12,057 | 12,659 |
| Maintenance Supervisor | 11,222 | 11,784 | 12,373 | 12,991 | 13,641 | 14,323 |
| Plant Manager | 15,470 | 16,244 | 17,056 | 17,909 | 18,804 | 19,744 |
| Plant Operator-in-Training ⁽¹⁾ | 6,682 | 7,016 | 7,367 | 7,735 | 8,122 | 8,528 |
| Plant Operator I ⁽¹⁾ | 7,020 | 7,371 | 7,740 | 8,126 | 8,533 | 8,959 |
| Plant Operator II | 7,749 | 8,136 | 8,543 | 8,970 | 9,419 | 9,890 |
| Plant Operator III | 8,553 | 8,981 | 9,430 | 9,901 | 10,396 | 10,916 |
| Plant Operator Lead | 9,211 | 9,671 | 10,155 | 10,663 | 11,196 | 11,756 |
| Plant Operations Supervisor | 11,222 | 11,784 | 12,373 | 12,991 | 13,641 | 14,323 |
| Skilled Maintenance Worker I ⁽¹⁾ | 6,682 | 7,016 | 7,367 | 7,735 | 8,122 | 8,528 |
| Skilled Maintenance Worker II | 7,749 | 8,136 | 8,543 | 8,970 | 9,419 | 9,890 |
| General Manager ⁽²⁾ | 25,725 Effective August 7, 2023 | | | | | |

How to Use this Pay Scale: Steps 1 through 6 are the regular base wage levels for all positions.

Longevity Pay is available to eligible employees hired prior to 9/7/2023. Employees hired after 9/7/2023 are not eligible for longevity pay.

Longevity Pay equal to 5% of employee's base wage rate is given beginning on the 7th year of employment for eligible employees.

Additional Longevity Pay of 3% is given beginning on the 11th year of employment for eligible employees.

Additional Longevity Pay equal to 2% is given beginning on the 16th year of employment for management hired prior to 7/1/2016.

⁽¹⁾ Employees in entry level classifications are not eligible for longevity pay.

⁽²⁾ The General Manager position is an executive contract position. Base salary increase effective August 7, 2023.

Resolution No. 2024-2323

Revised / Adopted _____



Item Number _____ 2G _____

GM Review _____ CP _____

Agenda Summary Report

To: Board of Directors
From: Michael P. Cortez, PE, District Engineer
 (415) 526-1518; mcortez@lgvsd.org
Mtg. Date: March 7, 2024
Re: Approve Resolution 2024-2324
 Accepting Biosolids Land Application Services Project
Item Type: Consent Action _____ Information _____ Other _____ .
Standard Contract: Yes _____ No _____ (See attached) Not Applicable .

STAFF RECOMMENDATION

Board to approve Resolution 2024-2324 Accepting Final Completion of Biosolids Land Application Services Project.

BACKGROUND

Synagro-WWT, Inc. completed all work related to the Biosolids Land Application Services Project awarded on August 17, 2023. The project consisted of application of dewatered biosolids for beneficial use at the District’s 66-acre non-irrigated pasture in the Reclamation Area as outlined in the Notice of Applicability (NOA) dated July 1, 2022 issued by the Regional Water Quality Control Board. This project closeout marks the completion of the first-year land application towards beneficial use of biosolids on District-owned property. The final cost is \$391,950, which included a \$5,000 credit for the leveling work that the District consultant deemed unnecessary at final completion.

PREVIOUS BOARD ACTION

Board approved the Award of Contract for Biosolids Land Application Services Project to Synagro-WWT, Inc. on August 17, 2023.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

N/A

RESOLUTION No 2024-2324

**A RESOLUTION ACCEPTING THE
BIOSOLIDS LAND APPLICATION SERVICES
FOR**

LAS GALLINAS VALLEY SANITARY DISTRICT

WHEREAS, Synagro-WWT, Inc. of Baltimore, Maryland, executed a contract on September 18, 2023 in the amount of \$396,950 to complete BIOSOLIDS LAND APPLICATION SERVICES project, Job No. 21500-08, scope defined in Contract Documents and Specifications dated July 2023 prepared by District staff and consultants;

WHEREAS, Synagro-WWT, Inc. completed the project with a \$5,000 credit for a final amount of \$391,950; and

WHEREAS, Michael P. Cortez, District Engineer for the Las Gallinas Valley Sanitary District by a Notice of Completion dated March 7, 2024, a copy of which is attached hereto as Exhibit A, has acknowledged that the aforementioned project has been completed, and found to be acceptable to the District in accordance with the Notice of Applicability dated July 1, 2022 issued by the Regional Water Quality Control Board.

NOW, THEREFORE, the Board of Directors of the Las Gallinas Valley Sanitary District herein approves the Notice of Acceptance of Completion for recordation with the Marin County Recorder.

* * * * *

I hereby certify that the forgoing is a full, true, and correct copy of a resolution duly and regularly passed and adopted by the Sanitary Board of the Las Gallinas Valley Sanitary District, Marin County, California, at a meeting thereof held on the 7th day of March 2024, by the following vote of the members thereof:

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

Teresa Lerch, Board Secretary
Las Gallinas Valley Sanitary District

APPROVED:

(seal)

Craig K. Murray, Board President
Las Gallinas Valley Sanitary District

Exhibit A

Notice of Acceptance of Completion
BIOSOLIDS LAND APPLICATION SERVICES

Recorded at the Request of:
Las Gallinas Valley Sanitary District

When Recorded Mail to:
Las Gallinas Valley Sanitary District
101 Lucas Valley Road, Suite 300
San Rafael, CA 94903

Space above this Line for Recorder's Use

NOTICE OF ACCEPTANCE OF COMPLETION
LAS GALLINAS VALLEY SANITARY DISTRICT
MARIN COUNTY, CALIFORNIA
BIOSOLIDS LAND APPLICATION SERVICES

NOTICE IS HEREBY GIVEN, Pursuant to Section 3093 of the Civil Code of the State of California, that Michael P. Cortez, District Engineer for the Las Gallinas Valley Sanitary District, Marin County, California, on the 7th day of March 2024, did file with the Secretary of said District a Statement of Completion of the following described work, the BIOSOLIDS LAND APPLICATION SERVICES project, Job No. 21500-08, the contract for doing which was awarded to Synagro-WWT, Inc. of Baltimore, Maryland, and entered into on September 18, 2023. A copy of said Statement of Completion is attached hereto and incorporated by reference herein as Attachment 1.

That said work is public owned and held by said District for the benefit of the public, and were actually completed on 31st day of October 2023. Acceptance of completion of said work was ordered by the District Board on March 7, 2024.

That said work consisted of the performing of all work and furnishing of all labor, materials, equipment and all utility and transportation services required for the completion of the BIOSOLIDS LAND APPLICATION SERVICES project, all as more particularly described in the plans and specifications approved by the said District in July 2023.

The project site was in San Rafael, CA 94903.

OWNER: Las Gallinas Valley Sanitary District
101 Lucas Valley Road, Suite 300
San Rafael, CA 94903

VERIFICATION

I, the undersigned, declare that I am the General Manager and duly authorized representative for the Las Gallinas Valley Sanitary District, Marin County, California, and that I have read the foregoing notice, know its contents, and that the facts therein stated are true to the best of my knowledge and belief.

(CONTINUED NEXT PAGE)

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

Executed at San Rafael, California, this _____ day of March 2024.

LAS GALLINAS VALLEY SANITARY DISTRICT

Curtis Paxton, General Manager



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
Ronald Ford
Craig K. Murray
Gary E. Robards
Crystal J. Yezman

ATTACHMENT 1

STATEMENT OF COMPLETION

**BIOSOLIDS LAND APPLICATION SERVICES
(JOB NO. 21500-08)**

I, Michael P. Cortez, District Engineer, for the Las Gallinas Valley Sanitary District, Marin County, California, do hereby certify that work described in the contract, which was entered into by and between Las Gallinas Valley Sanitary District and Synagro-WWT, Inc. of Baltimore, Maryland, dated September 18, 2023 was completed to my satisfaction on October 31st, 2023.

That said work is more particularly described in the Contract Documents dated July 2023, prepared by District staff, and advertised for public bidding on July 19, 2023.

I understand that neither the determination of completeness of the work, nor acceptance of the work by the District, shall operate to bar claims against the Contractor under the terms of the guarantee provisions of the Contract Documents.

Dated: March 7, 2024

By: _____
Michael P. Cortez, PE
District Engineer



Item Number _____ 2H _____

GM Review _____ CP _____

Agenda Summary Report

To: Board of Directors
From: Teri Lerch, Executive Assistant/Board Secretary
 (415) 526-1510; tlerch@lgsd.org
Mtg. Date: March 7, 2024
Re: July Board Meeting Schedule Modification
Item Type: Consent X Action _____ Information _____ Other _____ .
Standard Contract: Yes _____ No _____ (See attached) Not Applicable X .

STAFF RECOMMENDATION

The Board approve cancelling the July 4th Board meeting.

BACKGROUND

The District Board Meetings are regularly scheduled on the first and third Thursday of each month. Occasionally, Special Meetings are scheduled, or Board Meetings need to be cancelled to accommodate scheduling conflicts.

The Fourth of July falls on the first Thursday of July. Staff requests the cancelling of the July 4th Board meeting due to the observed holiday that day. The next scheduled Board meeting is July 18, 2024.

PREVIOUS BOARD ACTION

N/A

FISCAL IMPACT

N/A

PERSON TO BE NOTIFIED:

Public notice in accordance with District Policy and as required under the Brown Act.



Item Number _____ 3 _____
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: March 7, 2024
Re: Award of Contract for Design Services to Noll & Tam Architects
Multipurpose Lab Building
Item Type: Consent Action _____ Information _____ Other _____
Standard Contract: Yes No _____ (See attached) Not Applicable _____

STAFF RECOMMENDATION

Board to approve the award of a contract for Architectural Design Services for the Multipurpose Lab Building to Noll & Tam Architects in the amount of \$1,890,899.

BACKGROUND

District staff, with input from the Operations Control Centers (OCCs) Ad Hoc Committee, has completed the evaluation of proposals in response to the Request for Proposals (RFP) for the design of a two-story Multipurpose Lab Building issued on August 28, 2023. The primary focus of evaluation as outlined in the objectives of the RFP (see Attachment 3) is direct experience as a prime consultant in designing laboratory buildings with emphasis on District’s California State Environmental Laboratory Accreditation Program (ELAP) certification needs and code compliance, as well as an education center with dual-purpose classroom and boardroom.

After discussion with the OCC Ad Hoc Committee on November 15, 2023 and January 29, 2024, District staff deemed Noll & Tam Architects best meets the RFP criteria and District requirements. Noll & Tam’s experience includes North Coast County Water District Headquarters Upgrade in Pacifica and North Marin Water District Headquarters Upgrade in Novato, both of which included design of a new water quality laboratory. Noll & Tam’s project team consists of 10 subconsultants that included Miller Pacific Engineering Group for geotechnical and BKF Engineers for civil, which both are familiar with the proposed site and have performed quality work on prior District projects.

The scope of work covers conceptual, schematic, and construction design development, with bid assistance and construction administration services, with fee estimate not to exceed \$1,890,899 (see Attachments 1 & 2). The current proposed schedule is as follows:

- | | |
|-----------------------------------|---------------------------------|
| 1. Award of a Consultant Contract | March 7, 2024 |
| 2. Notice to Proceed | March 21, 2024 |
| 3. Design Phase | 13 Months (Mar 2024 – Mar 2025) |
| 4. Bid Phase | 3 Months (April – June 2025) |
| 5. Construction Phase | 1 Year (July 2025 – June 2026) |



Other consultants that responded to the RFP are listed below in alphabetical order:

- Danadjieva Hansen Architects (Tiburon)
- Integrated Project Solutions (Walnut Creek)
- Marcy Wong Donn Logan Architects (Berkeley)
- MBH Architects (Alameda)
- MWA Architects (San Francisco)
- RMW Architecture & Interiors (San Francisco)
- Shah Kawasaki Architects (Oakland)
- Ware Malcolm (San Francisco)

The project has a budget of \$750,000 in the FY 2023-24 CIP, which staff anticipates would be sufficient to cover design expenses until the end of fiscal year on June 30, 2024. To cover the remaining expenses of \$1.14M, District staff hereby request, contingent with the award of a contract, Board approval for the following:

1. Allocate a new budget for Multipurpose Lab Building as a continuing CIP project in FY 2024-25 from general revenue.

PREVIOUS BOARD ACTION

N/A

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

\$1,890,899

PROPOSAL

**MULTIPURPOSE
LABORATORY BUILDING**

JOB NO. 24600-01

**LAS GALLINAS VALLEY
SANITARY DISTRICT**

5 OCTOBER 2023



5 October 2023

Michael Cortez, Project Manager
Las Gallinas Valley Sanitary District
101 Lucas Valley Road, Suite 300
San Rafael, CA 94903



Re: Las Gallinas Valley Sanitary District Design Services for a Multipurpose Laboratory Building

Mr. Cortez and Members of the Selection Committee:

Communities deserve great infrastructure and the teams of people who provide stewardship for community utilities deserve a workplace that promotes growth and reflects dedication to the mission. The Las Gallinas Valley Sanitary District should expect a highly reliable multipurpose laboratory building to help keep utility systems running smoothly in ordinary and trying times. The new facility should honor the natural surroundings of the site, paying particular attention to the impact on the bird population and other local wildlife. Our driving vision for this project is to design, engineer and deliver a facility that not only lasts you well into the future, but serves hard-working District staff elegantly, efficiently, and comprehensively.

Established in 1992, Noll & Tam has assisted municipal clients and agencies in planning and executing their projects in a thoughtful, practical, and forward-thinking way. In this proposal, we highlight our work with the North Coast County Water District, North Marin Water District, and Oro Loma Sanitary District. These similar projects have given us a keen understanding of the opportunities and challenges this project could face and inform our strategies to provide turnkey design and engineering solutions to meet the needs of the District.

For this project, I will serve as Principal in Charge, providing expertise in municipal projects with complex program requirements and multiple user groups, ensuring that all project goals are met by our team.

Elaine Kross, our talented and experienced Project Manager, draws upon her experience gained from her work with the Oro Loma Sanitary District. Jessica Jobe Sea, who is currently working with me on the North Marin Water District Headquarters project in Novato, will act as Lab Planner.

We've invited a number of key consultants to join us for this project, with a particular focus on engaging with local firms to more closely serve their community with expertise and knowledge. Above all else, we value our relationships with our clients, and would give this project all the enthusiasm, energy, and conscientious effort for which we are known.

We have reviewed all District-issued addenda and have included a signed receipt at the end of this proposal.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Salge".

Scott Salge, AIA, LEED AP
Principal/Secretary

(Authorized to legally bind the firm)

FIRM QUALIFICATIONS

Noll & Tam Architects was founded in 1992 to establish a talented studio of architects promoting active community involvement and environmentally responsive design. Today, our Berkeley-based firm has 40 creative and energetic staff members, including 17 licensed architects, 16 LEED Accredited Professionals, and 3 interior designers.

Our team brings together the talents of architects and subconsultants who understand public work, office buildings, and designing for a coastal setting. As Prime Architect, Noll & Tam will provide the overall team direction, overseeing the consultants, leading the planning and design, and managing the documentation of the project. In the following pages, we have listed the firm profiles of our selected subconsultants. Our team is available to begin work immediately upon award of the contract.

RELEVANT EXPERIENCE

Over the last 30 years, 95% of Noll & Tam's projects have been for public clients. Our clients represent over 40 varied and diverse communities, agencies, and organizations – many of whom we have decades-long relationships with. We are known for providing outstanding service, expert project management, and creative design solutions within the constraints of given programs, schedules, and budgets.

Our experience includes work with other water districts, including North Coast County Water District, North Marin Water District, Alameda County Water District in Fremont, and Soquel Creek Water District in Santa Cruz County. We also recently completed work for the Oro Loma Sanitary District in San Lorenzo.

We look forward to working with you on this project.

NOLL & TAM ARCHITECTS 2023 SCHEDULE OF HOURLY BILLING RATES

Professional Hourly Billing Rates:

| | |
|--|---------------|
| Principal | \$250-\$290 |
| Associate Principal | \$220-\$230 |
| Senior Architect/ Project Manager | \$190 - \$220 |
| Intermediate Architect/ Project Architect | \$165 - \$180 |
| Intermediate Technical | \$150 - \$170 |
| Junior Technical | \$130 - \$140 |
| Interior Designer | \$150 - \$160 |
| Graphics / Project Administration | \$100 - \$120 |

Reimbursable Expenses

Reproduction, travel outside the Bay Area, renderings, computer models, physical models, postage, messengers, and other usual expenses will be billed at 1.15 times actual cost.

For additional hourly rates for subconsultants, please refer to our Fee Schedule, included after resumes.

SELECTED CLIENT LIST

Alameda County Water District
 Bay Area Rapid Transit (BART)
 Castro Valley Sanitary District
 Midpeninsula Regional Open Space District
 North Coast County Water District
 North Marin Water District
 Oro Loma Sanitary District
 Soquel Creek Water District
 City and County of Alameda
 City of Albany
 City of Antioch
 City of Benicia
 City of Berkeley

City of El Cerrito
 City of Fairfield
 City of Fremont
 City of Half Moon Bay
 City of Hayward
 City of Morgan Hill
 City of Marina
 City of Menlo Park
 City of Milpitas
 City of Oakland
 City of Oakley
 City of Palo Alto
 City of Pinole
 City of Pleasanton

City of Rohnert Park
 City of Sacramento
 City of San Carlos
 City and County of San Francisco
 City of San Pablo
 City of Santa Clara
 City of Saratoga
 City of South San Francisco
 City of St. Helena
 City of Sunnyvale
 County of Marin
 County of Napa
 County of Sacramento



KEY FEATURES

- RENOVATION & ADDITION
- ADMINISTRATIVE OFFICES
- WATER QUALITY LABS

PROJECT INFORMATION

Client: North Coast County Water District
 Location: Pacifica, CA
 Owner Reference: Adrienne Carr, General Manager
 Phone: (650) 355-3462
 Email: acarr@nccwd.com
 Size: 16,567 SF

NORTH COAST COUNTY WATER DISTRICT HEADQUARTERS UPGRADE

After performing an initial facility assessment and needs study of the 1960s-era building, Noll & Tam presented three options to the Board for replacement vs. renovation and expansion. We were then engaged to renovate the 4,600 SF maintenance facility and design a new 9,700 SF administrative addition, including an upgraded water quality lab, board room, and conference room/training spaces. A later phase will renovate the corporation yard and provide additional support buildings. Ultimately, the project will provide a safe, modern, and high-performance workplace to retain staff and address essential service security requirements, that will last the next 75 years.





KEY FEATURES

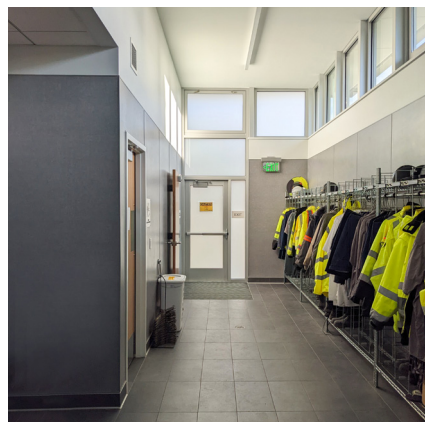
- **RENOVATION & ADDITION**
- **PUBLIC AGENCY CLIENT**
- **EXPERIENCE WITH SANITATION DISTRICT**

PROJECT INFORMATION

Client: Oro Loma Sanitary District
 Location: San Lorenzo, CA
 Owner Reference: Jimmy Dang, District Engineer
 Phone: (510) 481-6981
 Email: jdang@oroloma.org
 Size: 10,307 SF

ORO LOMA SANITARY DISTRICT FACILITIES

Noll & Tam worked with the Oro Loma Sanitary District to renovate their office headquarters to update it for a modern work environment. The project was comprised of a 2,500 SF new building for the locker rooms and a 1,200 SF renovation that reorganized work environments and communal spaces so that daily operations can be more functional. The new locker rooms are welcoming, with a lot of natural light, modern yet durable finishes, layouts and functions that accommodate staff with disabilities, and more privacy to respond to a more inclusive, gender-balanced staff. Private changing areas within the shower stalls; high-quality, slip-resistant flooring; full privacy toilet partitions; high-performing, long-lasting solid phenolic lockers; and fully automated bathroom fixtures are all included in the design.





KEY FEATURES

- RENOVATION
- ADMINISTRATIVE OFFICES
- WATER QUALITY LABS

PROJECT INFORMATION

Client: North Marin Water District
 Location: Novato, CA
 Owner Reference: Tony Williams, General Manager, Chief Engineer
 Phone: (415) 761-8945
 Email: twilliams@nmwd.com

Owner Reference: Robert Clark, Operations/Maintenance Superintendent
 Phone: (415) 761-8931
 Email: rclark@nmwd.com
 Size: 13,500 SF

NORTH MARIN WATER DISTRICT HEADQUARTERS UPGRADE

As the first phase of our work with this water district in Novato, Noll & Tam conducted a needs assessment and site analysis to explore the prospect of a significant renovation or new facility for the District Headquarters. The recommendations from our master plan are now moving into the implementation phase, with a renovation of the existing building plus a 3,300 SF addition. The project includes public and training spaces, modernized staff and administration spaces, a new water quality lab, and general improvements to the operation and maintenance of the facility.



TEAM QUALIFICATIONS

As Prime Architect, Noll & Tam will provide the overall team direction, overseeing the consultants and leading the design process. We intend to collaborate with the District and other stakeholders to ensure that the project moves forward efficiently. The key personnel listed here will be your project team and are available to provide all services that the project requires. On the next page we've included an Organizational Chart listing the subconsultants we are proposing to partner with.

PRINCIPAL IN CHARGE SCOTT SALGE

With 25 years of experience, nearly 14 of them with Noll & Tam, Scott Salge brings a strong understanding of constructability issues, construction practices, and building materials that ultimately informs the development of successful design documents. He has extensive experience working with water districts, municipalities, and administrative divisions. As PIC Scott will communicate with clients and consultants in a straightforward, practical way, and provide oversight and direction of the project as a whole. He will:

- Provide team leadership
- Work with the District project leaders to define design goals and objectives
- Lead during the decision-making process
- Manage project design criteria and budget
- Direct firm-wide resources including staffing, quality assurance, programming expertise
- Oversee broad project objectives (sustainability, code compliance, environmental conditions)

PROJECT MANAGER ELAINE KROSS

Elaine has spent the last 6 years of her career working with Noll & Tam. She will act as Project Manager throughout the duration of this project, leading the design, coordinating the production of documents, interfacing with consultants, and administering construction administration. Her technical skills are enhanced by her ability to clearly communicate design vision and technical viability. She will follow the project from initial design through construction, providing critical continuity and coordination. Elaine will stay in close communication with Scott, the Principal in Charge, and other design staff on the project to identify and coordinate project issues and find effective solutions. The PM role will provide:

- Coordination of consultants' design and documents
- Supervision of document preparation

- Adhere to client design standards
- Reconcile project scope with budgets
- Coordinate the technical development of the project
- Handle project schedule and meeting milestones

LAB PLANNER JESSICA JOBE SEA

Jessica has been with Noll & Tam since 2013 and brings 11 years of strong experience in architectural design and project management for civic, community, and cultural projects. Jessica's technical skills are enhanced by her ability to clearly communicate design vision and intention. She is able to bring disparate user groups to consensus and move community projects forward. Jessica is currently working with the North Coast County Water District and the North Marin Water District and will draw on past experience working on the water science lab renovation for the Monterey Bay Aquarium.



THE MARINE MAMMAL CENTER

ORGANIZATION CHART

LAS GALLINAS VALLEY SANITARY DISTRICT

NOLL & TAM ARCHITECTS

Prime Architect

Scott Salge

Principal in Charge

Elaine Kross
Project Manager

Jessica Jobe Sea
Lab Planner

SUBCONSULTANTS

IDA STRUCTURAL ENGINEERS

Structural Engineering

Steven De Jesse, SE
Principal

QUADRIGA

Landscape

Christine Talbot
Principal

MILLER PACIFIC

Geotech

Eric Dabanian
Principal Engineer

LSA

CEQA

Shanna Guillier, AICP
Senior Environmental Planner

GUTTMAN & BLAEVOET

MEP/Lighting/Fire Protection/Fire Alarm/Commissioning/Advanced Commissioning/Lab Systems

Mark Brown, PE
Electrical Engineer

Gurdaver Singh, PE, LEED AP, C. Eng
Mechanical Engineer

SFMI

AV/Acoustics/Telecom/Sec

Peter McDonald
Principal

WC3

Inspection

Joe Rossbach, MCP, CBO
Building Inspection Manager/Plans Examiner

BKF ENGINEERS

Civil Engineering

Jonathan Tang, PE
Senior Civil Project Manager

TBD

Cost Estimation

Sam Evison
Principal

CUMMING MANAGEMENT GROUP

Construction Management

John Olsson
Project Executive
Hermon Blackmon
Senior Project Manager

SUBCONSULTANTS

STRUCTURAL ENGINEER

IDA STRUCTURAL ENGINEERS, INC.

STEPHEN DEJESSE, SE – PRINCIPAL

IDA Structural Engineers, Inc. (IDA) is a full-service consulting structural engineering firm originally established in 1986. Located in Oakland with a staff of 16, IDA's engineers have experience working with municipalities throughout Northern California on important water treatment facilities and maintenance and operation buildings. Clients include EBMUD, Petaluma Water Services, Point Isabel Wet Weather Treatment Plant, Easterly Wastewater Treatment Plant, Ellis Creek Water Recycling, Sunnyvale Water Pollution Control, and San Mateo/Foster City Estero Municipal Improvement District.

MEP/LIGHTING/FIRE PROTECTION/FIRE ALARM/ COMMISSIONING/ADVANCED COMMISSIONING/LAB SYSTEMS

GUTTMAN & BLAEVOET

MARK BROWN, PE – ELECTRICAL ENGINEER

GURDAVER SINGH, PE, LEED AP, C. ENG – MECHANICAL ENGINEER

Since 1956 Guttman & Blaevoet has had the mission of providing engineering and consulting services with a focus on high performance building design. They have extensive experience providing consulting and design services for civic and public facilities, including recent work with the Department of Public Utilities Southeast Surface Water Treatment Facility Administrative Building for the City of Fresno, and many other Operations and Maintenance Departments and Corporation Yards. In addition, G&B brings strong

experience in laboratory facilities that balance their needs for functionality, energy-efficiency, environmental controls, code compliance, and cost.

CIVIL ENGINEERING

BKF ENGINEERS

JONATHAN TANG, PE – SENIOR CIVIL PROJECT MANAGER

Since 1915, BKF Engineers has successfully planned, designed, surveyed, and implemented complex projects. They diligently guide projects from the initial due diligence and feasibility stages, progressing through project designs and permitting approvals, and concluding with construction and implementation. This approach recognizes that developing dynamic projects requires focused team collaboration. We have had the privilege of collaborating with BKF on a number of projects, including the North Coast County Water District Headquarters Upgrade, and has personal experience working with LGVSD on two past projects.

LANDSCAPE ARCHITECTS

QUADRIGA LANDSCAPE ARCHITECTURE

CHRISTINE TALBOT - PRINCIPAL

Since their beginning in 1997, Quadriga has been committed to providing expert landscape architecture and planning services to their clients throughout California. Their process hinges on four basic components – listening, communicating, designing, and creating – and it is through these processes that they curate unique spaces specific to the needs of their clients. Quadriga has worked with us on the North Marin Water District Headquarters Upgrade.

AV/ACOUSTICS/TELECOM/ SECURITY

SMITH, FAUSE, & MCDONALD, INC.

PETER MCDONALD - PRINCIPAL

Formed in 1986 Smith, Fause & McDonald, Inc. is a San Francisco based engineering firm specialized in design of telecommunications, electronic security, audio-visual and acoustical engineering systems. Services include design of data, voice and video networking systems and distribution systems including Local, Metropolitan and Wide Area Networks, wireless networking, VoIP and telephone systems, OPAC and the supporting infrastructure including structured cabling infrastructure, horizontal cabling, pathways and telecommunication closets; design of audio-visual systems, public address and intercom systems, master clocks, CATV and MATV systems, video media servers; electronic security systems including access control, intrusion detection and CCTV surveillance cameras; architectural acoustics, room acoustics, sound isolation, mechanical noise and vibration mitigation.

COST ESTIMATING

TBD CONSULTANTS

SAM EVISON - PRINCIPAL

TBD, Inc is dedicated to the provision of excellence in construction cost management and project management services to owners and their professional consultants. They specialize in developing construction cost estimates based on the most conceptual information as well as the detailed and complex later stages of design. TBD provides clients with defensible and reliable information at all stages of a project, and lends expertise to control time and budget, and manage risks from project inception to completion.

**GEOTECHNICAL ENGINEER
MILLER PACIFIC ENGINEERING
GROUP**

**ERIC DABANIAN – PRINCIPAL
ENGINEER**

Miller Pacific Engineering Group (MPEG) provides clients with special services in the Geosciences by drawing on over thirty years of the firm’s professional expertise in Geology, Geo-Civil and Geotechnical Engineering. Their services span the range of Geotechnical Planning, Geological Hazards Analysis, Geotechnical Exploration and Testing, Foundation Engineering, Construction Monitoring, Geo-Civil Engineering and Distressed Property Evaluation. They currently provide on-call Geologic and Geotechnical services for several project stakeholders, including Marin County, Sonoma County, and the Marin Municipal Water District.

**CEQA
LSA ASSOCIATES, INC.**

**SHANNA GUILER, AICP – SENIOR
ENVIRONMENTAL PLANNER**

LSA has 47 years of experience helping clients navigate the often-complex process of environmental review pursuant to CEQA and the National Environmental Policy Act (NEPA). The firm offers technical expertise in the areas of biological resources, wetland permitting, air quality, noise, climate change, cultural, historical and paleontological resources, land use and community planning, natural resources, transportation, water quality, geographic information systems and graphics, and document management. Their recent work has included the West County Wastewater Comprehensive Energy and Sustainability Upgrades Project in Contra Costa County, and several projects with the Richmond Wastewater Treatment Plant.

**CONSTRUCTION MANAGEMENT
& INSPECTION
WEST COAST CODE
CONSULTANTS, INC.**

**JOE ROSSBACH, MCP, CBO –
BUILDING INSPECTION MANAGER/
PLANS EXAMINER**

West Coast Code Consultants, Inc. (WC3) is a code consulting firm, serving local jurisdictions with complete plan review, inspection, and other comprehensive services for nearly 17 years. WC3 thrives on the ability to offer an array of code compliance services in the Building Safety; Fire Prevention; Energy and Power; and Civil Engineering and Public Works disciplines.

**CONSTRUCTION MANAGEMENT
CUMMING GROUP**

**JOHN OLSSON – PROJECT
EXECUTIVE**

**HERMON BLACKMON - SENIOR
PROJECT MANAGER**

Cumming Group has been drawing on their deep experience in the communities and sectors they serve,

anticipating problems, delivering solutions, and driving results for their clients since their opening in 1996. Their industrial sector team is comprised of professional engineers, licensed contractors, resident engineers, and project/construction managers. Cumming recently completed work on the Rancho San Diego Pump Station in San Diego.

**EXHIBIT DESIGN AND
DEVELOPMENT**

We strive to plan a cohesive experience to connect learning opportunities from the immediate Las Gallinas Valley to built education spaces. Making the connection for people of all ages to the science of water and the environment has become a common thread for our clients. From Monterey Bay Aquarium labs to the Midpen Administrative Offices. These exhibits showcase the mission of our special districts in fun, interactive ways. We work with a wide variety of consultants to deliver exhibit spaces, digital content, physical interactives and creative learning environments, tailoring an experience from our clients vision.



MIDPENINSULA REGIONAL OPEN SPACE DISTRICT ADMINISTRATIVE OFFICE TI

PROJECT APPROACH

INTRODUCTION

Our team's experience includes the design of learning environments and highly specialized facilities for a variety of public entities. We bring a deep understanding that blends our technical expertise with adept collaboration and insightful visioning. With all our clients, our first step is to understand their core organization culture and values, so that the design options we develop support their mission and goals.

We bring an extensive track record in facilitating complex public projects, navigating multiple stakeholder groups, and integrating both schedule and budget constraints to ensure timely and effective project completion. We are confident in our ability to guide the design process while keeping the ultimate use of the space in the forefront of our mind. In

the following pages, we've provided an outline of how we would work with you through the process, as well as some of the key opportunities we see for the project. We look forward to the opportunity to work with the District to create a new Multipurpose Laboratory Building for District staff, services and the public.

PROJECT SCOPE UNDERSTANDING

We understand the scope of this Multipurpose Laboratory building to be a two-story facility to replace the existing single-story structure within the same site area while accommodating new parking lot features and addressing the site constraints. This new building shall include:

- First floor Laboratory with some Lab Office Space
- Second floor Education Center
- Second floor Dual-purpose Classroom and Boardroom
- Supporting spaces such as break rooms, restrooms, utilities, and horizontal and vertical circulation.

The surrounding site scope will include:

- Staff and visitor parking; including solar canopies where feasible and designated parking for clean air vehicles as required per City of San Rafael Ordinance.
- Utility work as required.

Additionally, we will work with the district to plan for ongoing operational capabilities of the existing lab during construction.



MONTEREY BAY AQUARIUM WATER SCIENCE LAB

APPROACH

Our intent is to build upon the District's exemplary environmental stewardship and provide a thoughtfully crafted facility that continues to enrich the communities it serves. There is a complex yet dynamic interaction between the natural and manufactured systems that surround us, and so as architects, we try to create synergy between the technical and functional needs of the built environment while simultaneously sitting lightly on the land.

Through our experience with educational buildings, we see the importance of educating the public on how to live sustainably with natural systems and habitats through sustainable design that is on full display. In collaboration with specialized exhibit designers, our team can create an engaging user experience, advancing the level of environmental literacy, knowledge of local wildlife and conservation science. But it isn't only interactive exhibits and educational programming that provides teachable moments. We also believe buildings can demonstrate responsible water conservation and stormwater management through a wide variety of sustainable design features such as shed roofs, bioswales with native planting that capture and clean stormwater and solar thermal systems for hot water.

Our extensive lab experience has helped us understand the complex interrelationship between the public use of the facility for educational purposes and the highly specialized laboratory use. Providing various levels of access to separate some spaces while allowing for other shared facilities can be important to the design. Viewing windows into treatment areas gives visitors and student field trips a glimpse into the

District's vital work. We feel this type of transparency is in line with the District's commitment to empower the public with information and showcase how their work supports the ecology that is there.

SUSTAINABLE DESIGN

When designing a comfortable, energy efficient facility, we look to passive systems first. Reducing the energy needs of the building has compounding savings for the District, not only in operating costs over the years, but in initial construction cost for mechanical heating and cooling equipment, PV panels, and battery backup systems that are now code-required. Our passive design process includes managing the window to solid wall ratio and solar orientation to maximize insulation as well as daylight and views. We emphasize glazing in the places that will have the best impact on the human experience, while also providing shading and insulation where it is most effective.

A PLACE FOR EVERYONE

It is fundamental for multipurpose buildings to prioritize flexibility in all aspects as we consider its variety of uses, the adaptability of future change and the diverse needs and abilities of all people. With a commingling of outside visitors, lab technicians, staff, pedestrians, and fleet vehicles, it is important to provide clear and accessible circulation, visibility, and workflows for each contrasting use case. As a public building, the public reception must be welcoming and hospitable for people of all ages, abilities, and cultures.

The District Staff clearly take a lot of pride in their work, and we want to design the spaces that support those contributions to the organization's success. It is important that the physical facility supports a cohesive and healthy working culture through daily interaction and shared amenities amongst all staff.



Designing for Sustainability at Half Moon Bay Library

The Half Moon Bay Library has been designed to be Zero Net Energy and LEED Platinum. Natural daylighting is a key design feature to reduce reliance on electricity, and high-performance insulation and glazing further reduce the need for heating and cooling energy; aided by automatic windows for thermal comfort and airflow. The materials used on both the interior and exterior of the building reflect the building's coastal surroundings and were selected for sustainability and reduced maintenance. The Half Moon Bay Library is a physical landmark and the cultural heart of the community. It was recognized in 2019 with an AIA/ALA Library Building Award, IIDA Northern California "Give" Award, and an AIA SF Sustainable Community Infrastructure Award.



THE MARINE MAMMAL CENTER

Another key approach to designing spaces for all people is to support their health and well-being. Buildings can have a positive effect on our physical, mental, and emotional welfare. So, whether we are designing a working, learning or simply a welcoming environment, our project will aim to provide greater occupant comfort, be inclusive for all and connect people with place and nature.

As a modern society we spend most of our time indoors, often neglecting our well-being and innate need to connect with nature. To address this, we employ biophilic design principles-prioritizing ample view and daylight, indoor-outdoor synergies, the use of healthy materials-to nurture this nature connection.

RESILIENT FACILITY

Though your Laboratory Building is not categorized as an Essential Facility per the California Building Code, it is still important for the District to maintain operability during extreme weather and seismic events. Our design and engineering team will explore structural systems that are seismically resilient, like steel frames with buckling restrained braces.

To address sea level rise and storm surge concerns, our engineering

team will work together to propose stormwater management strategies and explore cost-effective, site-specific building design criteria to address these issues.

We will design for resilience to power outages by reducing the power demand and designing for critical systems to be supported by battery backup. We know that keeping your lab equipment and communications systems live 24/7 is crucial to your operations, so we will work to design protections for these tools to keep the facility resilient to power outages. At the North Marin Water District Headquarters, we worked with the stakeholders and our electrical engineer to facilitate a relocation of their SCADA servers into the new addition without downtime and designed for a backup generator

with an Automatic Transfer Switch to power critical systems, as well as UPS for the servers to protect against signal loss during power outages. Furthermore, we will strive to create flexibility for changing technology in the future. While it is hard to predict what exactly will change, we can work with the District and our consultants to provide accessible raceways for power and data, as well as additional capacity for future equipment.

CRITICAL ISSUES FOR THIS PROJECT

This project approach addresses many of the critical issues for the Laboratory Building in the sections above. The site itself with the ongoing District work will provide some additional constraints and opportunities.

We will work with the District to minimize the disruption to ongoing operations during construction. Strategies can include detailed site plans that outline circulation of construction and District vehicles, separated zones for construction laydown and storage, and establishing protocols for scheduling utility shutdowns or other construction disruptions. Noll & Tam has worked through many projects with a partially occupied site or building, and we can partner with the District and General Contractor to reduce the friction between



MIDPENINSULA DISTRICT OFFICE

construction and daily District operations. Protecting the existing resources, including the existing infrastructure, is of high importance for this project.

Shepherding this project through agency review—and ensuring that neither scope nor schedule is impacted—will be critical throughout the design and construction phases. Our workplan will factor in meetings, presentations, and preparation for key deliverables to the various Boards, Committees and other agencies having jurisdiction.

We will thoughtfully consider the scale of the building elements and the orientation of lighting, windows, and vehicular circulation. The design phases will explore site lines to the beautiful wildlife, help reduce light pollution as outlined in the Dark Sky Initiative, and design inclusively for visitors of the SF Bay Trail and Las Gallinas Wildlife Ponds.

EFFECTIVE COST CONTROL

All of our public projects have limited budgets and require us to investigate a number of alternative design solutions. We work creatively to balance the priorities of the users with what they can afford. During the design process, we work with our clients to develop solutions that stretch the budget, improving the spirit and character of a facility while at the same time maximizing functionality and addressing other programmatic needs.

We propose an interactive process with the District, the design team, and the cost estimator to identify potential alternates and to determine the most cost-effective means of setting priorities and reaching a design goal. We will also explore the cost-benefit analysis of various green building measures.

As we work through design phases, if our cost estimates exceed the



CAPITOLA LIBRARY CONFERENCE AND EDUCATION ROOM

budget, we present our client a menu of potential value engineering items to immediately offer tangible solutions. In addition to bid alternates and realistic contingencies, we inform our clients promptly when we see a significant change in the construction market.

Our cost management strategies fall into two primary categories:

- **Initial Capital investment:** This includes strong passive design strategies to conserve water and power. Designing for reduced demand means reduced costs of producing power through PV panels, storing power with reduced batteries, and less load for HVAC/mechanical equipment.
- **Continuing Costs for Operations:** With the passive design strategies in place, the District will have lower operating costs, which compound over the life of a building. What you invest in up front will be impacting you for 75 years of service. This reduction of operating costs can be part of the District's stewardship of your community through great service, robust infrastructure, and resilience in times of need.

SCHEDULE MANAGEMENT

Working almost exclusively in the public sector requires strong, proactive schedule control. We

understand how critical it is to adhere to the project schedule, especially when coordinating the public funding schedule and swing spaces for your critical staff crews. We pride ourselves on working effectively as a partner with the District's project management team to assist in timely decision making and detailing a realistic project timeline.

Our proposed Work Plan, Project Schedule, and Deliverables outline the tasks in each phase, stakeholder and agency review process, milestones, overall project vision and goals, and other relevant elements. It outlines the sequence and dependencies of all the project tasks, the timeframes needed to accomplish the tasks, project milestones, District review periods, responsibilities of the various parties, and other elements of the process. We also use this effort as an opportunity to identify potential efficiencies and risk factors and shape our process accordingly.

The project Work Plan and Project Schedule will be living documents that will be updated on a regular basis in coordination with the District to reflect changes to the workflow and the realities of the process. We take our commitment to the schedule very seriously and will make sure to deliver on our commitments at each stage of the process.



SCOTT SALGE, AIA, LEED AP NOLL & TAM ARCHITECTS

PRINCIPAL IN CHARGE

Scott Salge has more than 20 years of experience and is a principal with the firm. Prior to coming to Noll & Tam, Scott managed his own architecture practice, where he developed his ability to communicate with clients and consultants in a practical, straightforward way. Scott brings a very strong understanding of constructability issues, construction practices, and building materials that ultimately informs the development of successful design documents. Scott led the master plan recently completed for the North Marin Water District, which explored options for their new headquarters in Novato. He also led the Hayward Library & Community Learning Center project, which opened in September 2019.



CALIFORNIA REGISTRATION

Licensed Architect #C30033

EDUCATION

Master of Architecture, Montana State University, Bozeman, 1998
Bachelor of Arts in Environmental Engineering, Montana State University, Bozeman, 1997

RELEVANT PROJECT EXPERIENCE

San Jose-Evergreen Community College District Warehouse & Operations Facility

North Marin Water District Headquarters Upgrade, Novato

North Coast County Water District Santa Cruz Live Oak Library Annex

Berkeley YMCA-PG&E Teen Center
Hayward Library & Community Learning Center

Cherryland Community Center

South San Francisco Fire Station #63 Renovation

UC Berkeley Tang Center Renovation

UC Berkeley Career Center Tenant Improvements

UC Berkeley Kresge Library, Bechtel Engineering Building

UC Berkeley Haviland Hall Student Commons & Library Renovation

George Peabody Elementary School Modernization, San Francisco

Daniel Webster Elementary School Modernization, San Francisco

Lafayette Elementary School Modernization, San Francisco



HAYWARD LIBRARY & COMMUNITY LEARNING CENTER



NORTH COAST COUNTY WATER DISTRICT



NORTH MARIN WATER DISTRICT HEADQUARTERS



ELAINE KROSS

NOLL & TAM ARCHITECTS

PROJECT MANAGER

Elaine has more than 15 years of experience, five with Noll & Tam. She brings a strong background in architectural design for a wide variety of projects, including community, cultural, and civic projects. Her experience has ranged from working with Silicon Valley tech companies to a master plan for the Huntington Beach Library. Most recently, Elaine has worked as Project Manager for the Oro Loma Sanitary District Consolidated Facilities Design, as well as the Midpeninsula Regional Open Space District Administrative Office Tenant Improvement. She is able to interact with stakeholders in a way that brings disparate groups to consensus and moves the project forward.



EDUCATION

Master of Architecture,
Rice University, 2006

Bachelor of Fine Arts,
Environmental Design,
Otis College of Art and Design 1999

RELEVANT PROJECT EXPERIENCE

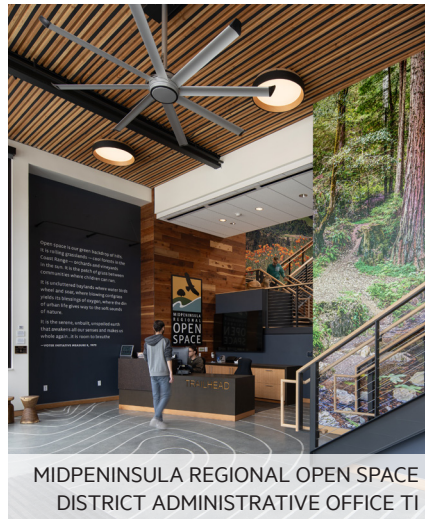
- Oro Loma Sanitary District Consolidated Facilities Project
- Midpeninsula Regional Open Space District Administrative Office TI
- Los Altos Community Center
- Age Well Center at South Fremont
- North Berkeley Senior Center Renovation
- College of Alameda New Center for Liberal Arts
- Merritt Landscape Horticulture Complex
- Capitola Library

- San Leandro Mulford Marina Library
- Albina & North Portland Branch Libraries, Multnomah County Library, Portland, OR (with LEVER)
- Oceanside Library Facilities/Service Delivery Study/Needs Assessment
- Huntington Beach Library Master Plan
- Half Moon Bay Library
- Apple ID Studio for Interaction Architecture*
- 631 Folsom Tower*
- Peddie Addition*
- Herrliberg House*

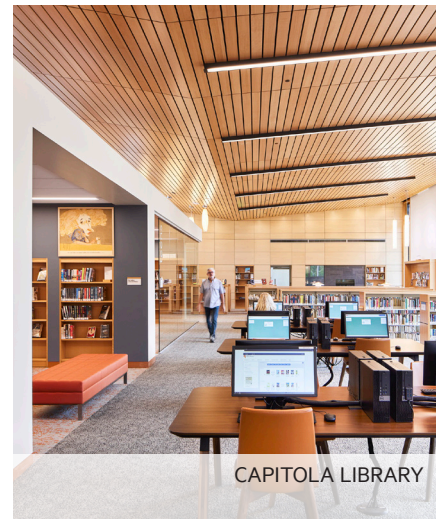
* WITH PREVIOUS FIRM



ORO LOMA SANITARY DISTRICT CONSOLIDATED FACILITIES



MIDPENINSULA REGIONAL OPEN SPACE DISTRICT ADMINISTRATIVE OFFICE TI



CAPITOLA LIBRARY



JESSICA JOBE SEA NOLL & TAM ARCHITECTS

LAB PLANNER

Jessica Jobe Sea is a licensed architect who has worked on a range of projects: from recreation centers to office renovations, and research labs to hospitals. Jessica has a passion for sustainable design and community-based design. She is currently working on the North Marin Water District Headquarters Upgrade and also played a key role in the UCSF Health Science Instruction & Research (HSIR) Renovation project. This complex project required significant management and phased planning, as the work affected laboratories on two floors in two different towers. With strong skills in Revit BIM software, Jessica is able to smoothly manage projects, while executing the specialized design that laboratory spaces require.



CALIFORNIA REGISTRATION

Licensed Architect #C36927

EDUCATION

Bachelor of Architecture,
University of Arizona, 2010

RELEVANT PROJECT EXPERIENCE

North Marin Water District
Headquarters Upgrade, Novato
Soquel Creek Water District 2014
Master Plan Update
Mosswood Recreation Center
Temporary Facilities, Oakland
San Pablo Community Center
Belle Haven Youth Center Relocation
Age Well Center at South Fremont
Summit Everest & Summit Prep
Public High School Remodels
Mission Branch Library Remodel,
Santa Clara

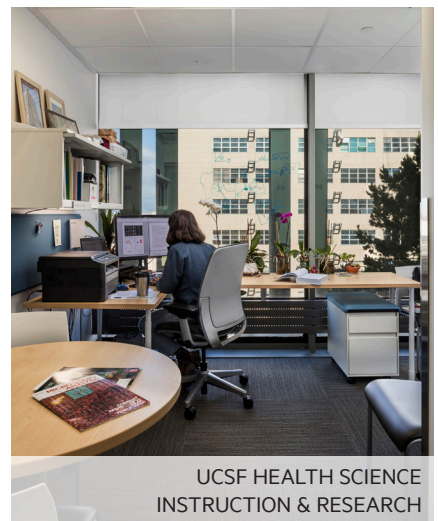
UCSF Health Science Instruction &
Research (HSIR) Program Seismic
Retrofit and Interior Renovations
Kaiser Permanente Northern California
Elevator Modernization Project
Kaiser Permanente Redwood City
LDRP Labor & Delivery Expansion
Kaiser Permanente Oakland
LDR Labor & Delivery Expansion
Xilinx Headquarters Building 3
Renovation, San Jose



NORTH MARIN WATER DISTRICT



XILINX HEADQUARTERS
BUILDING 3 RENOVATION



UCSF HEALTH SCIENCE
INSTRUCTION & RESEARCH

Las Gallinas Valley Sanitary District

Estimated Hours and Fees

| Deliverable Percentage | | | 10% | | 30% | | 60% | | 95% | | 100% | | | | | | | | | | Totals | | | | |
|--|-----------------------|-------------|---------------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|---------------------------|---------|----------|-----------|-------------|
| Milestone Duration | | | 2 Months | | 2 Months | | 3 Months | | 3 Months | | 2 Months | | 1 Month | | 2 Months | | 12 Months | | 2 Months | | Hours Fee | | | | |
| Primary Services / Role | Name / Specialty | Rate / Hour | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Fee | | | |
| Architectural - Noll & Tam Architects | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Scott Salge | \$260 | 24 | \$6,240 | 40 | \$10,400 | 16 | \$4,160 | 54 | \$14,040 | 54 | \$14,040 | 24 | \$6,240 | 16 | \$4,160 | 24 | \$6,240 | 120 | \$31,200 | 16 | \$4,160 | 388 | \$100,880 | |
| Project Manager | Elaine Kross | \$190 | 80 | \$15,200 | 136 | \$25,840 | 40 | \$7,600 | 220 | \$41,800 | 260 | \$49,400 | 54 | \$10,260 | 48 | \$9,120 | 80 | \$15,200 | 480 | \$91,200 | 48 | \$9,120 | 1,446 | \$274,740 | |
| Lab Planning | Jessica Jobe Sea | \$170 | 24 | \$4,080 | 40 | \$6,800 | | \$0 | 60 | \$10,200 | 80 | \$13,600 | | \$0 | 16 | \$2,720 | | \$0 | 64 | \$10,880 | | \$0 | 284 | \$48,280 | |
| Designer | Eli Mayerson | \$150 | 72 | \$10,800 | 200 | \$30,000 | 20 | \$3,000 | 360 | \$54,000 | 460 | \$69,000 | 36 | \$5,400 | 24 | \$3,600 | 64 | \$9,600 | 480 | \$72,000 | 64 | \$9,600 | 1,780 | \$267,000 | |
| Interior Designer | Nadia Colquett | \$160 | 16 | \$2,560 | 60 | \$9,600 | | \$0 | 50 | \$8,000 | 100 | \$16,000 | | \$0 | 16 | \$2,560 | | \$0 | 64 | \$10,240 | | \$0 | 306 | \$48,960 | |
| Civil - BKF | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Brian Scott | \$288 | 1 | \$288 | 2 | \$576 | 1 | \$288 | 2 | \$576 | 2 | \$576 | 1 | \$288 | 0 | \$0 | 0 | \$0 | 2 | \$576 | 0 | \$0 | 11 | \$3,168 | |
| Associate Principal/Project Manager | Jonathan Tang | \$260 | 8 | \$2,080 | 8 | \$2,080 | 8 | \$2,080 | 12 | \$3,120 | 20 | \$5,200 | 5 | \$1,300 | 2 | \$520 | 1 | \$260 | 12 | \$3,120 | 1 | \$260 | 77 | \$20,020 | |
| Senior Project Engineer | Jeremiah Pichay | \$212 | 8 | \$1,696 | 20 | \$4,240 | 10 | \$2,120 | 24 | \$5,088 | 50 | \$10,600 | 10 | \$2,120 | 4 | \$848 | 4 | \$848 | 24 | \$5,088 | 6 | \$1,272 | 160 | \$33,920 | |
| Project Engineer | Nikki Holte | \$186 | 24 | \$4,464 | 40 | \$7,440 | 20 | \$3,720 | 60 | \$11,160 | 100 | \$18,600 | 20 | \$3,720 | 6 | \$1,116 | 16 | \$2,976 | 44 | \$8,184 | 8 | \$1,488 | 338 | \$62,868 | |
| Landscape Architecture - Quadriga | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Christine Talbot | \$205 | 8 | \$1,640 | 8 | \$1,640 | 3 | \$615 | 8 | \$1,640 | 8 | \$1,640 | 2 | \$410 | 2 | \$410 | 2 | \$410 | 8 | \$1,640 | 2 | \$410 | 51 | \$10,455 | |
| Project Manager | Sharon DeBell | \$150 | 24 | \$3,600 | 32 | \$4,800 | 12 | \$1,800 | 32 | \$4,800 | 32 | \$4,800 | 6 | \$900 | 8 | \$1,200 | | \$0 | 40 | \$6,000 | 16 | \$2,400 | 202 | \$30,300 | |
| Structural Engineers - IDA | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Steven Dejesse | \$275 | 8 | \$2,200 | 12 | \$3,300 | | \$0 | 22 | \$6,050 | 20 | \$5,500 | 4 | \$1,100 | 2 | \$550 | 2 | \$550 | 20 | \$5,500 | | \$0 | 90 | \$24,750 | |
| Project Manager | Lucas Riverola | \$225 | 20 | \$4,500 | 44 | \$9,900 | | \$0 | 100 | \$22,500 | 100 | \$22,500 | 8 | \$1,800 | 24 | \$5,400 | 16 | \$3,600 | 253 | \$56,925 | 4 | \$900 | 555 | \$124,875 | |
| Structural Designer | Amruta Chanabasanavar | \$160 | | \$0 | | \$0 | | \$0 | 88 | \$14,080 | 88 | \$14,080 | 12 | \$1,920 | 16 | \$2,560 | | \$0 | | \$0 | | \$0 | 236 | \$37,760 | |
| BIM Manager | Andy In | \$145 | | \$0 | 20 | \$2,900 | | \$0 | 40 | \$5,800 | 40 | \$5,800 | | \$0 | 8 | \$1,160 | 8 | \$1,160 | 8 | \$1,160 | 8 | \$1,160 | 132 | \$19,140 | |
| BIM | Aaron Ho | \$110 | | \$0 | | \$0 | | \$0 | 40 | \$4,400 | 72 | \$7,920 | 8 | \$880 | | \$0 | | \$0 | | \$0 | | \$0 | 120 | \$13,200 | |
| Mechanical/Electrical/Plumbing - Guttman & Blaevoet | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mechanical/Principal | Gurdaver Singh | \$325 | 25 | \$8,125 | 20 | \$6,500 | | \$3,250 | 30 | \$9,750 | 20 | \$6,500 | 6 | \$1,950 | 6 | \$1,950 | 4 | \$1,300 | 22 | \$7,150 | 16 | \$5,200 | 159 | \$51,675 | |
| Mechanical/Associate | Fatih Turan | \$270 | | \$0 | 12 | \$3,240 | 12 | \$3,240 | 40 | \$10,800 | 32 | \$8,640 | 16 | \$4,320 | 8 | \$2,160 | 12 | \$3,240 | 32 | \$8,640 | 8 | \$2,160 | 172 | \$46,440 | |
| Electrical/Associate Principal | Mark Brown | \$310 | 20 | \$6,200 | 24 | \$7,440 | 5 | \$1,550 | 25 | \$7,750 | 15 | \$4,650 | 6 | \$1,860 | 5 | \$1,550 | 5 | \$1,550 | 20 | \$6,200 | 16 | \$4,960 | 141 | \$43,710 | |
| Lighting/Associate Principal | Rom Dela Cruz | \$310 | | \$0 | | \$0 | 8 | \$2,480 | 24 | \$7,440 | 24 | \$7,440 | | \$0 | | \$0 | | \$0 | 24 | \$7,440 | | \$0 | 80 | \$24,800 | |
| Plumbing/Associate | Steve Howard | \$270 | 27 | \$7,290 | 32 | \$8,640 | 16 | \$4,320 | 100 | \$27,000 | 40 | \$10,800 | | \$0 | 36 | \$9,720 | | \$0 | 60 | \$16,200 | | \$0 | 311 | \$83,970 | |
| Mechanical/Engineer II | Aashil Randive | \$205 | | \$0 | | \$0 | 8 | \$1,640 | 50 | \$10,250 | 20 | \$4,100 | | \$0 | 20 | \$4,100 | | \$0 | 30 | \$6,150 | | \$0 | 128 | \$26,240 | |
| Electrical/Engineer II | Majeed Ahmadzai | \$205 | | \$0 | | \$0 | 8 | \$1,640 | 60 | \$12,300 | 29 | \$5,945 | | \$0 | 23 | \$4,715 | | \$0 | 35 | \$7,175 | | \$0 | 155 | \$31,775 | |
| AV / Telecom / Security - SFMI | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal Engineer | Peter McDonald | \$210 | | \$0 | 6 | \$1,260 | | \$0 | 16 | \$3,360 | 16 | \$3,360 | | \$0 | | \$0 | | \$0 | 4 | \$840 | | \$0 | 42 | \$8,820 | |
| Senior Engineer - AV | Theo Hartman, CTS-D | \$185 | | \$0 | 16 | \$2,960 | | \$0 | 32 | \$5,920 | 40 | \$7,400 | | \$0 | | \$0 | 2 | \$370 | 26 | \$4,810 | 5 | \$925 | 121 | \$22,385 | |
| Project Consultant - Acoustical | Nick Peters, INCE | \$170 | | \$0 | 14 | \$2,380 | | \$0 | 44 | \$7,480 | 52 | \$8,840 | | \$0 | | \$0 | | \$0 | 19 | \$3,230 | | \$0 | 129 | \$21,930 | |
| Engineer - Communications | Jun Guintu, ECSE | \$150 | | \$0 | | \$0 | | \$0 | 40 | \$6,000 | 82 | \$12,300 | | \$0 | | \$0 | 2 | \$300 | | \$0 | | \$0 | 124 | \$18,600 | |
| Project Estimating - TBD Consultants | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Sam Evison | \$250 | 2 | \$500 | 2 | \$500 | 0 | \$0 | 2 | \$500 | 2 | \$500 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 8 | \$2,000 | |
| Project Manager | Andy Beyer | \$225 | 16 | \$3,600 | 16 | \$3,600 | 0 | \$0 | 20 | \$4,500 | 12 | \$2,700 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 64 | \$14,400 | |
| Senior Estimator | TBD | \$225 | 16 | \$3,600 | 24 | \$5,400 | 0 | \$0 | 28 | \$6,300 | 20 | \$4,500 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 88 | \$19,800 | |
| MEP Estimator | TBD | \$225 | 12 | \$2,700 | 20 | \$4,500 | 0 | \$0 | 20 | \$4,500 | 16 | \$3,600 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 68 | \$15,300 | |
| Admin | TBD | \$100 | 1 | \$100 | 1 | \$100 | 0 | \$0 | 1 | \$100 | 1 | \$100 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 4 | \$400 | |
| Reimbursable Expenses | | | \$3,000 | | \$3,500 | | \$1,500 | | \$3,500 | | \$2,500 | | \$6,000 | | \$5,000 | | | | | | Estimated Expenses | | \$25,000 | | |
| Primary Services Summary | | | Totals | 436 | \$94,463 | 849 | \$169,536 | 197 | \$45,003 | 1,722 | \$336,674 | 1,907 | \$353,131 | 218 | \$50,468 | 290 | \$65,119 | 242 | \$47,604 | 1,891 | \$371,548 | 218 | \$44,015 | 7,970 | \$1,577,561 |

See Revised Fee Schedule dated 12/15/2023.

| Requested Services / Role | Name / Specialty | Rate / Hour | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Fee | | | |
|--|---------------------|-------------|--------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|-------|-----------|----------|-----------|----------|--------------------|-----------|-----------|----------|-----------|-------------|
| CEQA Consulting - LSA | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Theresa Wallace | \$302 | | \$0 | | \$0 | 22 | \$6,644 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 22 | \$6,644 | | | |
| Project Manager | Shanna Guiler | \$200 | | \$0 | | \$0 | 71 | \$14,200 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 71 | \$14,200 | | | |
| Assistant Planner | TBD | \$113 | | \$0 | | \$0 | 124 | \$14,012 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 124 | \$14,012 | | | |
| CEQA Specialties | Various Disciplines | \$150 | | \$0 | | \$0 | 282 | \$42,300 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 282 | \$42,300 | | | |
| Grant Funding Support - BKF | | | | | | | | | | | | | | | | | | | | | | | | | |
| Director of Funding Strategies | Doug Fleming | \$198 | 10 | \$1,980 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 10 | \$1,980 | | | |
| Funding Strategies Manager | Marley Mueller | \$181 | 16 | \$2,896 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 16 | \$2,896 | | | |
| Grant Analyst IV | Chelsiah Scouras | \$168 | 60 | \$10,080 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 60 | \$10,080 | | | |
| Furniture, Fixtures & Equipment - Noll & Tam Architects | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Jane Catalano | \$240 | 2 | \$480 | 4 | \$960 | | \$0 | 4 | \$960 | 4 | \$960 | | \$0 | 4 | \$960 | | \$0 | | \$0 | 18 | \$4,320 | | | |
| Furniture Lead | Nadia Colquhett | \$160 | 4 | \$640 | 8 | \$1,280 | | \$0 | 24 | \$3,840 | 60 | \$9,600 | | \$0 | 4 | \$640 | 32 | \$5,120 | 40 | \$6,400 | 172 | \$27,520 | | | |
| Educational Displays & Signage - Noll & Tam Architects | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager | Elaine Kross | \$240 | 4 | \$960 | 8 | \$1,920 | | \$0 | 8 | \$1,920 | 16 | \$3,840 | | \$0 | 2 | \$480 | | \$0 | | \$0 | 38 | \$9,120 | | | |
| Signage & Interactives | N&T Consultant | \$160 | 24 | \$3,840 | 54 | \$8,640 | | \$0 | 48 | \$7,680 | 64 | \$10,240 | | \$0 | 8 | \$1,280 | | \$0 | 24 | \$3,840 | 222 | \$35,520 | | | |
| LEED Certification - Proposed Gold Certification | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Scott Salge | \$260 | 8 | \$2,080 | 8 | \$2,080 | | \$0 | 4 | \$1,040 | 8 | \$2,080 | | \$0 | | \$0 | | \$0 | | \$0 | 28 | \$7,280 | | | |
| Sustainability Lead | Ned Reifenstein | \$220 | 12 | \$2,640 | 16 | \$3,520 | | \$0 | 12 | \$2,640 | 24 | \$5,280 | | \$0 | | \$0 | | \$0 | 24 | \$5,280 | 88 | \$19,360 | | | |
| Project Manager | Elaine Kross | \$190 | 16 | \$3,040 | 16 | \$3,040 | | \$0 | 20 | \$3,800 | 40 | \$7,600 | | \$0 | 8 | \$1,520 | | \$0 | 60 | \$11,400 | 160 | \$30,400 | | | |
| Designer | Eli Mayerson | \$150 | | \$0 | 16 | \$2,400 | | \$0 | 16 | \$2,400 | 24 | \$3,600 | | \$0 | 8 | \$1,200 | | \$0 | 48 | \$7,200 | 112 | \$16,800 | | | |
| Geotechnical Engineering - Miller Pacific | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Scott Stephens | \$290 | 22 | \$6,380 | 6 | \$1,740 | | \$0 | 6 | \$1,740 | 8 | \$2,320 | | \$0 | 4 | \$1,160 | 26 | \$7,540 | | \$0 | 72 | \$20,880 | | | |
| Senior Engineer | Rusty Arend | \$220 | 30 | \$6,600 | 4 | \$880 | | \$0 | 4 | \$880 | 8 | \$1,760 | | \$0 | 4 | \$880 | 10 | \$2,200 | | \$0 | 60 | \$13,200 | | | |
| Staff Geologist | Mike Jewett | \$170 | 25 | \$4,250 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 25 | \$4,250 | | | |
| Technician | TBD | \$170 | 10 | \$1,700 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 80 | \$13,600 | | | |
| Project Assistant | TBD | \$100 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 40 | \$4,000 | | | |
| Drilling Permit | TBD | \$700 | 1 | \$700 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 1 | \$700 | | | |
| Drilling Sub-Contractor | TBD | \$2,500 | 1 | \$2,500 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 1 | \$2,500 | | | |
| Permitting / Inspection - WC3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Senior Building Inspector | Inspection Team | \$223 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 300 | \$66,900 | | | |
| Inspections | Inspection Team | \$223 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 480 | \$107,040 | | | |
| Construction Management - Cumming | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vice President | John Olsson | \$250 | 16 | \$4,000 | 10 | \$2,500 | | \$0 | 15 | \$3,750 | 13 | \$3,250 | | \$0 | 8 | \$2,000 | 8 | \$2,000 | 68 | \$17,850 | 0 | \$0 | 138 | \$35,350 | |
| Sr. Project Manager | Hermon Backmon | \$205 | 16 | \$3,280 | 34 | \$6,970 | | \$0 | 218 | \$44,690 | 252 | \$51,660 | | \$0 | 84 | \$17,220 | 84 | \$17,220 | 470 | \$101,168 | 18 | \$3,875 | 1,176 | \$246,082 | |
| Project Manager | TBD | \$185 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 2,352 | \$455,322 | | | |
| Assistant Project Manager | Sam Wong | \$155 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 0 | \$0 | | | |
| Scheduler (blended rate) | Vincent Ly | \$195 | 3 | \$585 | 3 | \$585 | | \$0 | 50 | \$9,750 | 50 | \$9,750 | | \$0 | 34 | \$6,630 | 68 | \$13,923 | | \$0 | 208 | \$41,223 | | | |
| Utility & Topography Survey - BKF | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associate Principal | BKF Survey Group | \$260 | 1 | \$260 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 1 | \$260 | | | |
| Senior Project Surveyor | TBD | \$212 | 11 | \$2,332 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 11 | \$2,332 | | | |
| Staff Surveyor | TBD | \$162 | 40 | \$6,480 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 40 | \$6,480 | | | |
| Survey Party Chief | TBD | \$212 | 20 | \$4,240 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 20 | \$4,240 | | | |
| Survey Chainperson | TBD | \$136 | 20 | \$2,720 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 20 | \$2,720 | | | |
| Reimbursable Expenses | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | \$2,000 | | \$2,000 | | \$2,500 | | \$2,500 | | \$2,500 | | \$2,500 | | \$2,500 | | \$2,500 | | \$2,500 | | \$2,500 | | | |
| Requested Services Summary | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Totals | 372 | \$76,663 | 187 | \$38,515 | 499 | \$77,156 | 429 | \$87,590 | 571 | \$114,440 | 0 | \$0 | 206 | \$39,880 | 254 | \$49,510 | 3,754 | \$759,949 | 186 | \$36,509 | 6,458 | \$1,280,211 |
| | | | | | | | | | | | | | | | | | | | | Estimated Expenses | | \$9,000 | | | |

See Revised Fee Schedule dated 12/15/2023.

We strive to provide fees and scope of services appropriate to the project at hand and capture the work as described in the RFP. Given our current understanding of the likely scope, our base fee includes substantive efforts for all disciplines to achieve meet your projects needs and deliver a code compliant project for the District. We understand that this fee represents a relatively large percentage of your team selection criteria and as always, we are open to discussing our scope assumptions and fees and adjusting them to best meet the District's needs and remain competitive. If any items listed here or in our base fee proposal are an issue for the City, please don't hesitate to ask for further information.

| | |
|------------------------------------|-------------|
| Requested Services + Reimbursables | \$1,280,211 |
| Primary Services + Reimbursables | \$1,577,561 |
| Proposed Project Fee Totals | \$2,857,772 |

Q32. What is the targeted age range for the education center audience/users?

Response: No specific age range. The intent of the education center is to educate the public.

Q33. For exhibit design scope, how many exhibits do you envision? Four (4)? - One (1) for each initiative: 1. wastewater collection & treatment processes, 2. recycled water production, 3. water conservation, 4. proper item disposal?

Response: The selected consultant shall use their best judgement to determine the number of exhibits based on proposed available space. It is the intent for the District to include at least one exhibit for: wastewater collection, wastewater treatment, recycled water production, and other items as outlined in the RFP.

Q34. The reference link provided for the interactive space includes physical object interaction paired with digital info/response – do you expect each exhibit to be physical digital exhibits?

Response: Proposers shall include in the proposal an allowance to develop both options for District review.

Q35. If exhibits include digital experiences/interactivity, what is the scope expectation for the specification of digital hardware and software?

Response: See response to Q34.

Q36. If exhibits include digital experience/interactivity, does the scope include creation and development of the digital experience/content? If yes, do you have information at this time to help quantify the digital content creation and development scope/budget? Or should an allowance be noted for further definition once scope is quantified?

Response: See response to Q34.

Q37. What portion of the overall construction budget is allocated for the education center?

Response: The construction budget provided in the RFP is a preliminary number for the entire building and ancillary components. A budget allocation with percentage for each major component is not currently available. The selected consultant shall be responsible for preparing cost estimates based on the final design selected by the District.

This addendum consists of forty-nine (49) pages including this page and attachments. Acknowledge receipt of this addendum by signing in the space provided below. Submit an original copy of this addendum cover page along with the proposal.

Las Gallinas Valley Sanitary District:

Proposer: Noll & Tam Architects

 10/5/2023

Michael P. Cortez, PE, District Engineer

(Authorized Signature)

(Date)

NOLL
& TAM
ARCHITECTS

ATTACHMENT 2
Noll & Tam Supplemental Information
and Revised Fee Schedule



15 December 2023

Irene Huang, PE
Associate Engineer
Las Gallinas Valley Sanitary District
101 Lucas Valley Road, Suite 300
San Rafael, CA 94903

Re: Las Gallinas Valley Sanitary District RFP for Multipurpose Laboratory Building

Ms. Huang and Members of the Selection Committee:

Noll & Tam Architects is pleased to be shortlisted for further consideration for the Las Gallinas Valley Sanitary District (LGVSD) Multipurpose Laboratory Building project. As requested, we are providing additional, non-laboratory building references and a revised fee schedule that excludes construction management and inspection services.

The five project references we are providing in this packet supplement the references in our original proposal for the North Coast County Water District Headquarters Upgrade, Oro Loma Sanitation District Facilities, and North Marin Water District Headquarters Upgrade projects. The additional references—for the Midpeninsula Regional Open Space District headquarters renovation in Los Altos, the Marine Mammal Center at the Marin Headlands, the Half Moon Bay Library, the Age Well Center at South Fremont, and the Oakland Zoo Veterinary Hospital—represent a broader selection of our experience in designing buildings similar in size to your Multipurpose Laboratory Building with a mix of technical, administrative, public-facing and educational program elements for public agency and special district clients. Several of these projects were built in sensitive natural settings, including coastal locations where the impacts of building near saltwater environments are a key issue.

Our team is excited to explore ideas for your new Multipurpose Laboratory Building and Education Center. Our goal is to design an elegant and efficient facility for your Board, laboratory and community—a long-lived facility that also serves as an engaging and interactive education space for students and the general public to learn about water conservation, the water treatment process, recycled water production, and more. Our design process centers around sustainability, with a particular focus on passive building design that responds to the surrounding riparian and bay wetlands environment and wildlife.

We look forward to the opportunity to discuss this project with you in more detail.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Salge".

Scott Salge, AIA, LEED AP
Principal/Secretary

(Authorized to legally bind the firm)

SUPPLEMENTAL REFERENCES



KEY FEATURES

- INTERACTIVE PUBLIC EXHIBITS
- CA STATE FIRE MARSHAL APPROVAL

PROJECT INFORMATION

Role: Full Architectural Services, New Construction, Renovation

Contact: Jeff Boehm, Chief External Relations Officer

Phone: (415) 289-7337

Total Design Cost: \$1,800,000

Total Construction Cost: \$22,000,000

Project Start: August 2002

Project End: November 2005

THE MARINE MAMMAL CENTER

Noll & Tam Architects, in association with Scott Dennis Architect, designed new facilities and the adaptive reuse of existing structures, including underground missile silos, for the Marine Mammal Center rescue and rehabilitation facility, located on a former Nike anti-aircraft missile launch site in the Marin Headlands. The Center is a nonprofit research and teaching hospital that rehabilitates more than 600 animals annually. The program includes a research laboratory, veterinary sciences functions, animal food preparation, classroom, interpretive exhibits, retail and administrative spaces totaling 18,000 square feet of new construction and 7,000 square feet of adaptive-reuse space.





KEY FEATURES

- FLEXIBLE WORK ENVIRONMENT
- PUBLIC INTERFACE

PROJECT INFORMATION

Role: Full Architectural Services, Renovation

Contact: Jason “Jay” Lin, Engineering & Construction Manager

Phone: (415) 640-1176

Total Design Cost: \$2,070,000

Total Construction Cost: \$21,970,000

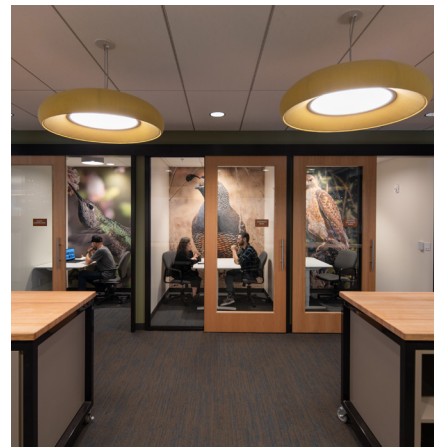
Project Start: September 2018

Project End: May 2022

Key Staff: Scott Salge (Technical Coordination), Elaine Kross (Technical Details, Construction Documents Phase)

MIDPENINSULA REGIONAL OPEN SPACE DISTRICT OFFICE RENOVATION

Noll & Tam designed a renovation of the Midpeninsula Regional Open Space District headquarters in Los Altos that created a modern workplace reflecting the District’s commitment to the environment and the preservation of open space. The design incorporated flexible spaces that balanced open, collaborative work areas with areas of privacy and focus. We also created a more inviting main entry for the public and outdoor space for employees to enjoy, and portioned off a block of interior space for lease to an outside tenant.





KEY FEATURES

- COMMUNITY FACILITY
- INDOOR-OUTDOOR CONNECTION
- LEED PLATINUM CERTIFIED/ZNE

PROJECT INFORMATION

Role: Full Architectural

Services, New Construction

Contact: Anne-Marie Despain,

Director of Library Services

Phone: (650) 312-5245

Total Design Cost: \$2,370,000

Total Construction Cost:

\$18,900,000

Project Start: August 2015

Project End: June 2018

Key Staff: Scott Salge

(Concept Planning, Code

Compliance), Elaine Kross (RFI

Responses, Submittal Reviews)

HALF MOON BAY LIBRARY

Noll & Tam worked with the City of Half Moon Bay on the design of a new 22,000 SF library that replaced an existing 7,285 SF facility. The library, a regional branch of San Mateo County Libraries, is a hub of community activity that caters to all age ranges and diverse user needs. Noll & Tam's design honors the coastal and agricultural roots of the community while serving current and future technology needs. The library features daylit interior spaces, outdoor reading plazas, acoustically separated areas for teen activities, and a flexible makerspace.





KEY FEATURES

- NEW CONSTRUCTION
- FLEXIBLE INTEGRATION
- COMMUNITY & MIXED-USE SPACES

PROJECT INFORMATION

Role: Full Architectural Services, New Construction
Contact: Aisha Jasper, Senior Center Manager
Phone: (510) 790-6606
Total Design Cost: \$586,000 (Architecture and Structural Engineering Fees Only)
Total Construction Cost: \$10,000,000
Project Start: September 2015
Project End: September 2021
Key Staff: Elaine Kross (Job Captain for Design Development), Jessica Jobe Sea (Revit Model & Construction Documents)

AGE WELL CENTER AT SOUTH FREMONT

This new one-story, 11,000 SF building allows the City of Fremont to expand its already popular senior center offerings in a warm and welcoming space that is easily navigable and accessible for all. The new location, in the diverse area of South Fremont, reaches more of the City's senior population, including groups that may not have previously taken advantage of senior programs. The building features a covered entryway, and the interior includes flexible rooms for activities and fitness, a robust kitchen to serve the center's lunchroom, staff and administrative spaces, and indoor/outdoor flexibility. Each space was completed with furniture selected by Noll & Tam's interior design team.





KEY FEATURES

- CAL/OSHA APPROVALS
- ENVIRONMENTAL HEALTH & SAFETY COORDINATION
- LEED GOLD CERTIFIED

PROJECT INFORMATION

Role: Full Architectural Services, New Construction
Contact: Dr. Alex Herman, Vice President of Veterinary Services

Phone: (510) 746-7164

Total Design Cost: \$648,000 (Architecture Fees Only)

Total Construction Cost: \$7,000,000

Project Start: May 2006

Project End: December 2012

OAKLAND ZOO VETERINARY HOSPITAL

Noll & Tam Architects created a 17,000 SF design to replace the Zoo's 1960s-era veterinary hospital with a facility to accommodate state-of-the-art technology and increased capacity. The new facility expanded the Zoo's animal care, research, and training programs, and was the first LEED certified facility of its kind in California.

The two-story building incorporates 14 holding spaces for animals ranging in size from small reptiles to large carnivores, as well as an aviary; food preparation facilities; X-ray, surgery, and medical support spaces; laboratory spaces; and veterinary staff offices.



**REVISED
FEE SCHEDULE**

Las Gallinas Valley Sanitary District

Estimated Hours and Fees

| | | | Deliverable Percentage | | Milestone Duration | | Concept Design / Programming | | Schematic Design | | Entitlement / Planning / CEQA | | Design Development | | Construction Documents | | Permitting / Approvals | | Final Construction Documents | | Bid Assistance | | Construction Administration | | Project Closeout / Record Documents | | Totals | | | |
|---|-----------------------|-------|------------------------|-----------|--------------------|-----------|------------------------------|-----------|------------------|-----------|-------------------------------|-----------|--------------------|-----------|------------------------|-----------|------------------------|-----------|------------------------------|-----------|----------------|-----------|-----------------------------|-----------|-------------------------------------|-----------|--------|-----|--|--|
| | | | 10% | | 2 Months | | 30% | | 2 Months | | | | 60% | | 3 Months | | 2 Months | | 100% | | 2 Months | | 12 Months | | 2 Months | | | | | |
| | | | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Fee | | |
| Primary Services / Role | | | Rate / Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Architectural - Noll & Tam Architects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Scott Salge | \$260 | 24 | \$6,240 | 40 | \$10,400 | 16 | \$4,160 | 54 | \$14,040 | 54 | \$14,040 | 24 | \$6,240 | 16 | \$4,160 | 24 | \$6,240 | 120 | \$31,200 | 16 | \$4,160 | | | 388 | \$100,880 | | | | |
| Project Manager | Elaine Kross | \$190 | 80 | \$15,200 | 136 | \$25,840 | 40 | \$7,600 | 220 | \$41,800 | 260 | \$49,400 | 54 | \$10,260 | 48 | \$9,120 | 80 | \$15,200 | 480 | \$91,200 | 48 | \$9,120 | | | 1,446 | \$274,740 | | | | |
| Lab Planning Designer | Jessica Jobe Sea | \$170 | 24 | \$4,080 | 40 | \$6,800 | | \$0 | 60 | \$10,200 | 80 | \$13,600 | | \$0 | 16 | \$2,720 | | \$0 | 64 | \$10,880 | | \$0 | | | 284 | \$48,280 | | | | |
| Designer | Eli Mayerson | \$150 | 72 | \$10,800 | 200 | \$30,000 | 20 | \$3,000 | 360 | \$54,000 | 460 | \$69,000 | 36 | \$5,400 | 24 | \$3,600 | 64 | \$9,600 | 480 | \$72,000 | 64 | \$9,600 | | | 1,780 | \$267,000 | | | | |
| Interior Designer | Nadia Colquiett | \$160 | 16 | \$2,560 | 60 | \$9,600 | | \$0 | 50 | \$8,000 | 100 | \$16,000 | | \$0 | 16 | \$2,560 | | \$0 | 64 | \$10,240 | | \$0 | | | 306 | \$48,960 | | | | |
| Civil - BKF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Brian Scott | \$288 | 1 | \$288 | 2 | \$576 | 1 | \$288 | 2 | \$576 | 2 | \$576 | 1 | \$288 | 0 | \$0 | 0 | \$0 | 2 | \$576 | 0 | \$0 | | | 11 | \$3,168 | | | | |
| Associate Principal/Project Manager | Jonathan Tang | \$260 | 8 | \$2,080 | 8 | \$2,080 | 8 | \$2,080 | 12 | \$3,120 | 20 | \$5,200 | 5 | \$1,300 | 2 | \$520 | 1 | \$260 | 12 | \$3,120 | 1 | \$260 | | | 77 | \$20,020 | | | | |
| Senior Project Engineer | Jeremiah Pichay | \$212 | 8 | \$1,696 | 20 | \$4,240 | 10 | \$2,120 | 24 | \$5,088 | 50 | \$10,600 | 10 | \$2,120 | 4 | \$848 | 4 | \$848 | 24 | \$5,088 | 6 | \$1,272 | | | 160 | \$33,920 | | | | |
| Project Engineer | Nikki Holte | \$186 | 24 | \$4,464 | 40 | \$7,440 | 20 | \$3,720 | 60 | \$11,160 | 100 | \$18,600 | 20 | \$3,720 | 6 | \$1,116 | 16 | \$2,976 | 44 | \$8,184 | 8 | \$1,488 | | | 338 | \$62,868 | | | | |
| Landscape Architecture - Quadriga | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Christine Talbot | \$205 | 8 | \$1,640 | 8 | \$1,640 | 3 | \$615 | 8 | \$1,640 | 8 | \$1,640 | 2 | \$410 | 2 | \$410 | 2 | \$410 | 8 | \$1,640 | 2 | \$410 | | | 51 | \$10,455 | | | | |
| Project Manager | Sharon DeBell | \$150 | 24 | \$3,600 | 32 | \$4,800 | 12 | \$1,800 | 32 | \$4,800 | 32 | \$4,800 | 6 | \$900 | 8 | \$1,200 | | \$0 | 40 | \$6,000 | 16 | \$2,400 | | | 202 | \$30,300 | | | | |
| Structural Engineers - IDA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Steven Dejesse | \$275 | 8 | \$2,200 | 12 | \$3,300 | | \$0 | 22 | \$6,050 | 20 | \$5,500 | 4 | \$1,100 | 2 | \$550 | 2 | \$550 | 20 | \$5,500 | | \$0 | | | 90 | \$24,750 | | | | |
| Project Manager | Lucas Riverola | \$225 | 20 | \$4,500 | 44 | \$9,900 | | \$0 | 86 | \$19,350 | 100 | \$22,500 | 8 | \$1,800 | 24 | \$5,400 | 16 | \$3,600 | 253 | \$56,925 | 4 | \$900 | | | 555 | \$124,875 | | | | |
| Structural Designer | Amruta Chanabasanavar | \$160 | | \$0 | | \$0 | | \$0 | 120 | \$19,200 | 88 | \$14,080 | 12 | \$1,920 | 16 | \$2,560 | | \$0 | | \$0 | | | | | 236 | \$37,760 | | | | |
| BIM Manager | Andy In | \$145 | | \$0 | 20 | \$2,900 | | \$0 | 40 | \$5,800 | 40 | \$5,800 | | \$0 | 8 | \$1,160 | 8 | \$1,160 | 8 | \$1,160 | 8 | \$1,160 | | | 132 | \$19,140 | | | | |
| BIM | Aaron Ho | \$110 | | \$0 | | \$0 | | \$0 | 40 | \$4,400 | 72 | \$7,920 | 8 | \$880 | | \$0 | | \$0 | | \$0 | | | | | 120 | \$13,200 | | | | |
| Mechanical/Electrical/Plumbing - Guttman & Blaevot | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mechanical/Principal | Gurdaver Singh | \$325 | 25 | \$8,125 | 20 | \$6,500 | 10 | \$3,250 | 30 | \$9,750 | 20 | \$6,500 | 6 | \$1,950 | 6 | \$1,950 | 4 | \$1,300 | 22 | \$7,150 | 16 | \$5,200 | | | 159 | \$51,675 | | | | |
| Mechanical/Associate | Fatih Turan | \$270 | | \$0 | 12 | \$3,240 | 12 | \$3,240 | 40 | \$10,800 | 32 | \$8,640 | 16 | \$4,320 | 8 | \$2,160 | 12 | \$3,240 | 32 | \$8,640 | 8 | \$2,160 | | | 172 | \$46,440 | | | | |
| Electrical/Associate Principal | Mark Brown | \$310 | 20 | \$6,200 | 24 | \$7,440 | 5 | \$1,550 | 25 | \$7,750 | 15 | \$4,650 | 6 | \$1,860 | 5 | \$1,550 | 5 | \$1,550 | 20 | \$6,200 | 16 | \$4,960 | | | 141 | \$43,710 | | | | |
| Lighting/Associate Principal | Rom Dela Cruz | \$310 | | \$0 | | \$0 | 8 | \$2,480 | 24 | \$7,440 | 24 | \$7,440 | | \$0 | | \$0 | | \$0 | 24 | \$7,440 | | \$0 | | | 80 | \$24,800 | | | | |
| Plumbing/Associate | Steve Howard | \$270 | 27 | \$7,290 | 32 | \$8,640 | 16 | \$4,320 | 100 | \$27,000 | 40 | \$10,800 | | \$0 | 36 | \$9,720 | | \$0 | 60 | \$16,200 | | \$0 | | | 311 | \$83,970 | | | | |
| Mechanical/Engineer II | Aashil Randive | \$205 | | \$0 | | \$0 | 8 | \$1,640 | 50 | \$10,250 | 20 | \$4,100 | | \$0 | 20 | \$4,100 | | \$0 | 30 | \$6,150 | | \$0 | | | 128 | \$26,240 | | | | |
| Electrical/Engineer II | Majeed Ahmadzai | \$205 | | \$0 | | \$0 | 8 | \$1,640 | 60 | \$12,300 | 29 | \$5,945 | | \$0 | 23 | \$4,715 | | \$0 | 35 | \$7,175 | | \$0 | | | 155 | \$31,775 | | | | |
| AV / Telecom / Security - SFMI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal Engineer | Peter McDonald | \$210 | | \$0 | 6 | \$1,260 | | \$0 | 16 | \$3,360 | 16 | \$3,360 | | \$0 | | \$0 | | \$0 | 4 | \$840 | | \$0 | | | 42 | \$8,820 | | | | |
| Senior Engineer - AV | Theo Hartman, CTS-D | \$185 | | \$0 | 16 | \$2,960 | | \$0 | 32 | \$5,920 | 40 | \$7,400 | | \$0 | | \$0 | 2 | \$370 | 26 | \$4,810 | 5 | \$925 | | | 121 | \$22,385 | | | | |
| Project Consultant - Acoustical | Nick Peters, INCE | \$170 | | \$0 | 14 | \$2,380 | | \$0 | 44 | \$7,480 | 52 | \$8,840 | | \$0 | | \$0 | | \$0 | 19 | \$3,230 | | \$0 | | | 129 | \$21,930 | | | | |
| Engineer - Communications | Jun Guintu, ECSE | \$150 | | \$0 | | \$0 | | \$0 | 40 | \$6,000 | 82 | \$12,300 | | \$0 | | \$0 | 2 | \$300 | | \$0 | | \$0 | | | 124 | \$18,600 | | | | |
| Project Estimating - TBD Consultants | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Sam Evison | \$250 | 2 | \$500 | 2 | \$500 | 0 | \$0 | 2 | \$500 | 2 | \$500 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | | 8 | \$2,000 | | | | |
| Project Manager | Andy Beyer | \$225 | 16 | \$3,600 | 16 | \$3,600 | 0 | \$0 | 20 | \$4,500 | 12 | \$2,700 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | | 64 | \$14,400 | | | | |
| Senior Estimator | TBD | \$225 | 16 | \$3,600 | 24 | \$5,400 | 0 | \$0 | 28 | \$6,300 | 20 | \$4,500 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | | 88 | \$19,800 | | | | |
| MEP Estimator | TBD | \$225 | 12 | \$2,700 | 20 | \$4,500 | 0 | \$0 | 20 | \$4,500 | 16 | \$3,600 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | | 68 | \$15,300 | | | | |
| Admin | TBD | \$100 | 1 | \$100 | 1 | \$100 | 0 | \$0 | 1 | \$100 | 1 | \$100 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | | 4 | \$400 | | | | |
| Reimbursable Expenses | | | \$3,000 | | \$3,500 | | \$1,500 | | \$3,500 | | \$2,500 | | \$6,000 | | \$5,000 | | | | | | | | Estimated Expenses | | \$25,000 | | | | | |
| Primary Services Summary | | | Totals | 436 | \$94,463 | 849 | \$169,536 | 197 | \$45,003 | 1,722 | \$336,674 | 1,907 | \$353,131 | 218 | \$50,468 | 290 | \$65,119 | 242 | \$47,604 | 1,891 | \$371,548 | 218 | \$44,015 | 7,970 | \$1,577,561 | | | | | |

Las Gallinas Valley Sanitary District

Estimated Hours and Fees

| Requested Services / Role | Name / Specialty | Rate / Hour | Deliverable Percentage | | Milestone Duration | | Concept Design / Programming | | Schematic Design | | Entitlement / Planning / CEQA | | Design Development | | Construction Documents | | Permitting / Approvals | | Final Construction Documents | | Bid Assistance | | Construction Administration | | Project Closeout / Record Documents | | Totals | |
|--|---------------------|-------------|------------------------|-----------|--------------------|-----------|------------------------------|-----------|------------------|-----------|-------------------------------|-----------|--------------------|-----------|------------------------|-----------|------------------------|-----------|------------------------------|-----------|----------------|-----------|-----------------------------|-----------|-------------------------------------|-----------|-----------|----------|
| | | | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Subtotals | Hours | Fee |
| CEQA Consulting - LSA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Theresa Wallace | \$302 | | \$0 | | \$0 | 22 | \$6,644 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 22 | \$6,644 |
| Project Manager | Shanna Guiler | \$200 | | \$0 | | \$0 | 71 | \$14,200 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 71 | \$14,200 |
| Assistant Planner | TBD | \$113 | | \$0 | | \$0 | 124 | \$14,012 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 124 | \$14,012 |
| CEQA Specialties | Various Disciplines | \$150 | | \$0 | | \$0 | 282 | \$42,300 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 282 | \$42,300 |
| Grant Funding Support - BKF | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Director of Funding Strategies | Doug Fleming | \$198 | 10 | \$1,980 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 10 | \$1,980 |
| Funding Strategies Manager | Marley Mueller | \$181 | 16 | \$2,896 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 16 | \$2,896 |
| Grant Analyst IV | Chelsiah Scouras | \$168 | 60 | \$10,080 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 60 | \$10,080 |
| Furniture, Fixtures & Equipment - Noll & Tam Architects | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Jane Catalano | \$240 | 2 | \$480 | 4 | \$960 | | \$0 | 4 | \$960 | 4 | \$960 | | \$0 | | \$0 | | \$0 | 4 | \$960 | | \$0 | 4 | \$960 | | \$0 | 18 | \$4,320 |
| Furniture Lead | Nadia Colquiett | \$160 | 4 | \$640 | 8 | \$1,280 | | \$0 | 24 | \$3,840 | 60 | \$9,600 | | \$0 | 4 | \$640 | 32 | \$5,120 | 40 | \$6,400 | | \$0 | | \$0 | | \$0 | 172 | \$27,520 |
| Educational Displays & Signage - Noll & Tam Architects | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager | Elaine Kross | \$240 | 4 | \$960 | 8 | \$1,920 | | \$0 | 8 | \$1,920 | 16 | \$3,840 | | \$0 | 2 | \$480 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 38 | \$9,120 |
| Signage & Interactives | N&T Consultant | \$160 | 24 | \$3,840 | 54 | \$8,640 | | \$0 | 48 | \$7,680 | 64 | \$10,240 | | \$0 | 8 | \$1,280 | | \$0 | 24 | \$3,840 | | \$0 | | \$0 | | \$0 | 222 | \$35,520 |
| LEED Certification - Proposed Gold Certification | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Scott Salge | \$260 | 8 | \$2,080 | 8 | \$2,080 | | \$0 | 4 | \$1,040 | 8 | \$2,080 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 28 | \$7,280 |
| Sustainability Lead | Ned Reifenstein | \$220 | 12 | \$2,640 | 16 | \$3,520 | | \$0 | 12 | \$2,640 | 24 | \$5,280 | | \$0 | | \$0 | | \$0 | 24 | \$5,280 | | \$0 | | \$0 | | \$0 | 88 | \$19,360 |
| Project Manager | Elaine Kross | \$190 | 16 | \$3,040 | 16 | \$3,040 | | \$0 | 20 | \$3,800 | 40 | \$7,600 | | \$0 | 8 | \$1,520 | | \$0 | 60 | \$11,400 | | \$0 | | \$0 | | \$0 | 160 | \$30,400 |
| Designer | Eli Mayerson | \$150 | | \$0 | 16 | \$2,400 | | \$0 | 16 | \$2,400 | 24 | \$3,600 | | \$0 | 8 | \$1,200 | | \$0 | 48 | \$7,200 | | \$0 | | \$0 | | \$0 | 112 | \$16,800 |
| Geotechnical Engineering - Miller Pacific | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Principal | Scott Stephens | \$290 | 22 | \$6,380 | 6 | \$1,740 | | \$0 | 6 | \$1,740 | 8 | \$2,320 | | \$0 | | \$0 | | \$0 | 4 | \$1,160 | 26 | \$7,540 | | \$0 | | \$0 | 72 | \$20,880 |
| Senior Engineer | Rusty Arend | \$220 | 30 | \$6,600 | 4 | \$880 | | \$0 | 4 | \$880 | 8 | \$1,760 | | \$0 | | \$0 | | \$0 | 4 | \$880 | 10 | \$2,200 | | \$0 | | \$0 | 60 | \$13,200 |
| Staff Geologist | Mike Jewett | \$170 | 25 | \$4,250 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 25 | \$4,250 |
| Technician | TBD | \$170 | 10 | \$1,700 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 90 | \$15,300 |
| Project Assistant | TBD | \$100 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 40 | \$4,000 |
| Drilling Permit | TBD | \$700 | 1 | \$700 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 1 | \$700 |
| Drilling Sub-Contractor | TBD | \$2,500 | 1 | \$2,500 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 1 | \$2,500 |
| Utility & Topography Survey - BKF | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Associate Principal | BKF Survey Group | \$260 | 1 | \$260 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 1 | \$260 |
| Senior Project Suveyor | TBD | \$212 | 11 | \$2,332 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 11 | \$2,332 |
| Staff Surveyor | TBD | \$162 | 40 | \$6,480 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 40 | \$6,480 |
| Survey Party Chief | TBD | \$212 | 20 | \$4,240 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 20 | \$4,240 |
| Survey Chainperson | TBD | \$136 | 20 | \$2,720 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | | \$0 | 20 | \$2,720 |
| Reimbursable Expenses | | | | \$2,000 | | \$2,000 | | \$2,500 | | \$2,500 | | \$2,500 | | \$2,500 | | \$2,500 | | \$2,500 | | \$2,500 | | \$2,500 | | \$2,500 | | \$2,500 | | \$2,500 |
| Requested Services Summary | | | Totals | 337 | \$68,798 | 140 | \$28,460 | 499 | \$77,156 | 146 | \$29,400 | 256 | \$49,780 | 0 | \$0 | 30 | \$5,120 | 44 | \$8,120 | 352 | \$61,460 | 0 | \$0 | | \$0 | 1,804 | \$328,294 | |

| | |
|------------------------------------|-------------|
| Requested Services + Reimbursables | \$328,294 |
| Primary Services + Reimbursables | \$1,577,561 |
| Proposed Project Fee Totals | \$1,905,855 |

**REQUEST FOR PROPOSALS
MULTIPURPOSE LABORATORY BUILDING
(JOB NO. 24600-01)**

1.0 BACKGROUND

Las Gallinas Valley Sanitary District (District) is located in the Las Gallinas Valley of Marin County, California between central San Rafael and Novato. It was established in April 1954 under the Sanitary District Act of 1923 and provides wastewater collection, treatment and recycling to more than 30,000 customers in the Santa Venetia, Terra Linda, San Rafael Meadows, Marinwood, Lucas Valley, and other communities of San Rafael. The District's jurisdiction spans approximately 50 square miles from Hamilton Field (a former air force base) to the north, San Pablo Bay to the east, central San Rafael to the south, and Marin County Open Space Reserves to the west.

In July 2023, the District Board authorized staff to proceed with the design of a Multipurpose Laboratory Building (Project) for FY 2023-2024 to replace the existing lab installed in 2000.

2.0 OBJECTIVE

The Project shall consist of three major components:

I. First Floor – Laboratory

At a minimum, the laboratory work area shall comply with the requirements for ventilation rates, temperature control, pressurization, compartment isolation, flume hoods, ducting, exhaust, etc., as outlined in one or more of the following:

- 1) California Building Code
- 2) California Mechanical Code
- 3) California Fire Code
- 4) CalOSHA
- 5) California Code of Regulations (CCR) Titles 8 and 24, as applicable for earthquake restraints, anchoring, illumination, and chemical storage.
- 6) National Fire Prevention Association (NFPA) 45, Standards on Fire Protection for Laboratories
- 7) Local, State, and Federal codes and regulations, as applicable.

The District is certified under the California State Environmental Laboratory Accreditation Program (ELAP) and performs the required compliance analyses using applicable Standard Methods (SM) for the Examination of Water and Wastewater. The proposed lab shall be designed to provide an environment to perform the analyses and generate reports consistent with State requirements. See Exhibit 1 for a copy of the District ELAP Certificate #2407 showing Fields of Accreditation and corresponding SM test methods.

In addition, the lab shall be designed to accommodate the following existing laboratory equipment with flexibility for future expansion, as may be required by more stringent regulations:

- 1) Refrigerators (1 large and 1 small)
- 2) BOD Incubator
- 3) Analytical Scale Table
- 4) Microscope Desk
- 5) Centrifuge
- 6) Drying Oven
- 7) Furnace
- 8) Autoclave
- 9) Coliform Incubator
- 10) Enterococcus Incubator (Countertop)

II. Second Floor – Education Center with Dual-Purpose Classroom and Boardroom

The District anticipates sponsoring public outreach programs by providing an interactive environment with hands-on learning opportunities for students and other interested parties. In addition, the District wishes to integrate a Boardroom that can be used as a classroom on the same floor. At a minimum, the second floor shall incorporate the following:

1. Education Center – An interactive center highlighting wastewater collection system and treatment processes, recycled water production, water conservation, and proper disposal of items such as sanitary wipes and expired medicines. See link for sample level of expectation for this feature:
<https://www.experienceolympia.com/directory/wet-science-center-lott/>.
2. Boardroom – An adequately sized room incorporating the latest information technology (IT) infrastructure with proper acoustics and lighting to conduct public Board meetings, which are currently being held at an office outside of the treatment plant.
3. Classroom – The District will utilize the Boardroom to hold regular full staff meetings, training sessions, and safety classes.

III. Parking Lot

The project shall include a dual-purpose parking lot to serve the public during Board meeting days, weekends, and holidays; however, it shall be limited to staff parking during weekdays. The parking lot shall incorporate solar canopies where feasible. Per City of San Rafael Ordinance, the parking lot shall feature designated parking for clean air vehicles. The Project shall include the design of Electric Vehicle (EV) charging stations.

3.0 DESIGN CONSIDERATIONS:

The Consultant shall discuss an approach to the following design considerations in their proposal:

1. **ADA Compliance:** This RFP aims to secure a consultant to scope and design a cost-effective, functional, fully integrated, safe, secure, and ADA accessible building and parking lot.
2. **City of San Rafael Planning Department Permits:** The District anticipates the need of obtaining entitlements (Environmental and Design Review Permit approval by the Planning Commission) and complying with similar requirements by other City agencies with jurisdiction, such as the Fire Department and Building Department.
3. **CEQA:** The Project site is adjacent to Miller Creek and within BCDC and County of Marin jurisdictional set-back lines. However, it is located within the treatment plant boundaries, and not jurisdictional under the Clean Water Act. It is anticipated that the District would not be required to obtain any permit authorizations from the Army Corps of Engineers, BCDC, and County of Marin; however, it is anticipated that the Project would require biological investigation and appropriate CEQA environmental assessment.
4. **Existing Lab:** The District anticipates maintaining operational capabilities of the existing lab during construction. Consultant shall develop construction phasing and sequencing in a manner that contractor activities will not impair lab function.
5. **Renewable Energy:** The District wishes to adhere to the California Energy Commission goal to reduce unnecessary energy consumption in newly constructed buildings. In addition to the solar canopies for the Parking Lot, the building shall feature rooftop solar panels. This RFP requires integration of renewable energy into the existing plant power distribution system including associated PG&E permitting.
6. **Sea Level Rise and Storm Surge:** Previous consultants hired by the District recommended a minimum elevation of EL 18.0 (NAVD 88) for proper treatment plant process operation as it relates to future sea level rise and storm surge, which is approximately 3 feet higher than the perimeter road adjacent to the existing lab. This RFP aims to hire a consultant to develop and implement a cost-effective site-specific building design criteria to address future sea level rise and storm surge.
7. **Site Constraints:** The proposed site is constrained by permanent existing structures such as an underground chlorine disinfection system consisting of a 60" pipe in serpentine configuration, aboveground access manholes, chemical dosing points, and concrete outfall structures, all of which shall be protected or supported in place during construction. See Exhibit 2 for as-built information.
8. **Geotechnical:** The general area is underlain with bay mud. The existing lab, built in 2000, with concrete slab-on-grade foundation constructed over engineered fill, has experienced noticeable uneven settlement due to soft bay mud and water saturation from Miller Creek. It is anticipated that the new building shall have a foundation

supported on piles connected by grade beams. See Exhibit 3 for geotechnical information.

9. **SF Bay Trail and Las Gallinas Wildlife Ponds:** The Project site is bounded by the SF Bay Trail and a dedicated parking lot for visitors of the Las Gallinas Wildlife Ponds, which has perimeter levees designated as independent segments of the SF Bay Trail. During the public posting phase of the previous Operations Control Center project, a group of birdwatchers expressed concerns about visual impacts of the building and its potential impacts to the bird population as it relates to glare and collisions. The building design shall have features conducive to a warm and welcoming environment for visitors of the SF Bay Trail and the Las Gallinas Wildlife Ponds.
10. **Light Pollution:** The District discourages excessive or poor use of artificial outdoor light at night and supports public concerns regarding disruption of natural patterns of wildlife, human sleep deprivation, or obscuring stars in the night sky as outlined in the Dark Sky Initiative of the U.S. Fish and Wildlife Service.
11. **PG&E Easement:** A PG&E easement runs across portions of the existing lab building and parking lot. PG&E has specific vertical and horizontal clearance requirements that must be considered during the design of the Project.
12. **LEED Certification:** To the extent possible, the District wishes to comply with LEED and Living Building Challenge (LBC) certifications. Consultant shall provide a generalized schedule indicating what such certification would include, along with a rough order of magnitude cost analysis that would reflect the general percentage increase to construction costs to achieve such certification.
13. **Sustainable Green Design:** As an option, the District envisions a building that will be a showcase for energy and green innovation.
14. **Potential Grant and Foundation Funding:** In order to reduce financial impacts, the District wishes to apply for any available grants to partially fund the Project. Proposals should identify grants and funding opportunities that the Project may receive.

4.0 CONSTRUCTION BUDGET

The District has allocated a preliminary budget of \$10 million for the construction of the Project.

5.0 SCOPE OF SERVICES AND DELIVERABLES

Consultant shall provide services for the following phases of the Project including construction management and inspection services.

- A. Conceptual Design (10% Submittal) – Consultant shall develop a minimum of three conceptual (3) design schemes incorporating cost effective approach to the Project objectives outlined above, including a budget level cost estimate for District review.

Deliverables:

1. Technical Memorandum outlining, at a minimum, the design criteria, space needs analysis, basis of design, and code compliance requirements.
 2. Three versions of architectural renderings and drawings for the proposed building and parking in PDF format.
 3. This phase shall include an initial presentation of the three alternatives to the District Ad Hoc Committee, in which the District staff and Ad Hoc Committee will select a preferred alternative.
 4. The initial presentation will be followed by a presentation of the chosen alternative to the District Board to be scheduled at a future date. Board meetings are typically held between 4:30 pm and 7:00 pm on the first and third Thursdays of each month.
 5. Miniature architectural building model of the chosen alternative for Board presentation.
- B. Schematic Design (30% Submittal) – Consultant shall perform site analysis and building programming, including initial permit application with the City of San Rafael Planning Department.

Deliverables:

1. Schematic plans.
 2. Completed application to City of San Rafael Planning Department.
 3. Responses to schematic plan review comments from the city.
 4. Presentation to the City of San Rafael Planning Department (Design Review Board) to be scheduled at a future date.
 5. Preliminary cost estimates.
 6. CEQA documents.
 7. This phase shall include an allowance for one (1) half-hour bi-weekly virtual meeting update with District staff.
 8. This phase shall include an allowance for providing grant writing assistance to a District Representative.
- C. Design Development (60% Submittal) – Consultant shall define and develop the important aspects of the project such as exterior and interior layouts, room sizes, and materials, including HVAC, plumbing, and electrical systems.

Deliverables:

1. Draft Contract Documents
 - a. Volume 1 – Contract Requirements
 - b. Volume 2 – Bidding Requirements
 - c. Volume 3 – Technical Specifications

- d. Volume 4 – 60% Drawings
 - 2. Preliminary Cost Estimate.
 - 3. Responses to other agencies having jurisdiction, including field meetings if necessary.
 - 4. Preliminary Project Schedule in MS Project format.
 - 5. This phase shall include an allowance for one (1) half-hour bi-weekly virtual meeting update with District staff.
- D. Construction Documents (95% Submittal) – Consultant shall finalize technical information and prepare the final set of drawings and specifications necessary to obtain a building permit from City of San Rafael Building Department and advertise the Project for public bids.

Deliverables:

- 1. Detailed Cost Estimate.
 - 2. Detailed Project Schedule in MS Project format.
 - 3. Building Permit
 - 4. This phase shall include an allowance for one (1) half-hour bi-weekly virtual meeting update with District staff.
 - 5. Final set of Contract Documents for bidding purposes.
 - a. Technical specifications shall be prepared utilizing the current Construction Specifications Institute (CSI) MasterFormat.
 - b. At a minimum, final drawings shall include demolition, electrical, mechanical, and other disciplines.
 - c. Technical specifications in CSI version provided in PDF and MS Word formats.
- E. Bidding Phase and Construction Phase Services for design related questions by bidders and contractors. This assistance shall include, but not be limited to:
- 1. Conduct pre-bid meeting with prospective bidders to answer contractor and supplier technical questions.
 - 2. Respond to contractor and supplier technical questions during bidding, maintain a log of bidder questions, and prepare any addenda required.
 - 3. Provide drawings, modifications, and clarifications during the bidding period.
 - 4. Attend bid opening and assist in the evaluation of bids.
 - 5. Prepare final bid summary and report for Board consideration.
 - 6. Assist District staff in awarding a contract to the apparent low bidder.
- F. Construction Management and Inspection Services
- 1. Attend pre-construction conference to ensure contractor’s understanding of the Project.
 - 2. Prepare design clarifications to clarify the design intent.
 - 3. Prepare responses to contractor’s Requests for Information (RFI) and Submittals.
 - 4. Assist the District staff in the analysis of Potential Change Orders.
 - 5. Assist the District staff in the preparation of Change Orders.

6. Assist the District representative in complying with prevailing wage and other DIR requirements.
7. Perform construction inspections.
8. Prepare O&M manuals and record drawings following construction from markups by the contractor.
9. General: All records (project reports, meeting notes, data files, project data, original tracings, maps, field sketches, design calculations, graphic originals, electronic files, etc.) generated shall be the property of the District and shall be turned over to the District upon completion or as directed.

6.0 PROPOSAL REQUIREMENTS AND CONTENTS

The Proposal shall be prepared in accordance with the following. Material submitted in addition to that specifically required will not be reviewed.

1. **General Firm Information:** This section shall include the following:
 - a. Firm Project References. Submit three (3) references for similar projects, including brief project description, current contact name and phone number.
 - b. Organizational chart for the consultant team committed to this project. Identify subconsultants proposed for the project, if any.
 - c. Resumes of key staff for the project.
 - d. Hourly Rate
2. **Project Understanding and Approach:** Demonstrate understanding of key issues and your approach to meet the design objectives and complete the Scope of Work outlined above. If applicable, include a description of tasks you feel should be added to the Scope of Work to better meet the project objective.
3. **Maximum Number of Pages:** 15 single-sided pages including resumes and list of sample projects. Fee schedule may be on a separate 11" x 17" sheet. Cover page, cover letter, and fee schedule are exempt from the maximum 10-page limit.
4. **Compensation:** Provide a matrix indicating an estimate of hours and fees to complete the services. Also, provide separate itemized time and materials fee adjustments, where appropriate, for additional tasks you feel should be added.

7.0 CONSULTANT SELECTION PROCESS

If deemed necessary, the District may invite up to three (3) firms for oral interviews.

The criteria that will be used in evaluating the proposals include, but are not limited to the following:

1. Knowledge and understanding of Project requirements and District needs.
2. Approach to Project and understanding of the Scope of Work.
3. Commitment of key personnel and their experience.

8.0 TENTATIVE CONSULTANT SELECTION AND OVERALL PROJECT SCHEDULE

| | |
|---|--|
| 1. Request for Proposals Published | August 28, 2023 |
| 2. Pre-proposal Meeting | September 7, 2023 Location: 3000 Smith Ranch Rd, San Rafael |
| 3. Questions on the RFP no later than: | September 28, 2023 |
| 4. Proposal Deadline: | October 5, 2023 at 2:00 PM |
| 5. Oral Interviews (optional): | Week of October 9, 2023 |
| 6. Award of a Consultant Contract. Architect Introduction to Board | November 2, 2023 |
| 7. Design Phase | 9 Months (Nov 2023 – Aug 2024) |
| 8. Bid Phase | 3 Months (Aug 2024 – Nov 2024) |
| 9. Construction Phase | 1 Year (Nov 2024 – Nov 2025) |

9.0 STANDARD CONSULTANT AGREEMENT

The Consultant selected to provide the Scope of Services shall use the attached District's standard consultant Agreement (*Exhibit 4*). By submitting a proposal for this work, the Consultant agrees to utilize this form for the contract. Contractually required insurance coverage and endorsement information is shown in the body of the document.

3/7/2024

SOLAR PROJECT UPDATE

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

3/7/2024

General Manager Report

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

3/7/2024

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, Other Reports

FORD

NBWRA, Flood Zone 6, Operations Control Centers Ad Hoc Committee, McInnis Marsh Ad Hoc Committee, Fleet Management Ad Hoc Committee, SF Bay Trail Ad Hoc Committee, CASA TRIG Committee, Other Reports

MURRAY

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

ROBARDS

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

YEZMAN

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



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

PRIORITY ISSUES/ACTION ITEMS

| | ITEM | LEAD | NOTES |
|----|---|---------------------------------|---|
| 1. | CARB Advanced Clean Vehicle Regulations (CASA Summary) | Sarah Greg Steve David | Final ACF Package ; outreach to Board regarding collaboration w/ CASA and state agencies on SB 1383 and maintaining uses of biogas – met w/ CARB Chair Chief of Staff, scheduling meetings with Board members; CARB’s Truck Regulations Implementation Group (TRIG) Subgroups continue to meet and CASA serves as a panelist on the Rule Provisions Subgroup and participates on others to inform CARB staff of issues with ACF implementation; next meeting Mar 11, 1-3 pm |
| 2. | SB 1383: Organic Waste CH₄ Reductions | Greg | Tracking County actions (latest on Sutter County) and Article 2 determinations ; |
| 3. | CARB Low Carbon Fuel Standard | Greg Sarah | 45-day proposed regulatory updates released Jan 5 , CASA submitted comments Feb 20, Mar 21 workshop postponed, Board to vote in Q2 2024 |
| 4. | Environmental Justice Advisory Committee | Sarah | Members of EJAC; Next meeting Mar 15 (hybrid) to focus on low carbon fuel standard rulemaking |
| 5. | Biogas to Hydrogen | Sarah | AB 1550 failed passage; US National Clean Hydrogen Strategy and Roadmap acknowledges biogas from wastewater treatment plants as a renewable feedstock |
| 6. | CNRA Natural & Working Lands (NWL) Climate Smart Strategy | Sarah Greg | Submitted responses to CNRA questions Sept 15 supporting integration of biosolids in the carbon sequestration targets in support of AB 1757 ; workshops being held in February to receive feedback on existing priority nature-based climate solutions and cross-cutting priorities to consider integrating into the Climate Smart Strategy |
| 7. | Criteria Pollutants & Toxics Emissions Reporting (CTR) & Hot Spots Program (EICG) | Sarah David | Wastewater sector reports BAU through 2028 while conducting Two-Step Process, selection of Project Manager (PM) underway, CASA announcement and contribution request to be distributed, meetings with CARB and air districts/ CAPCOA to resume following PM selection; CASA submitted comments on EPA’s proposed revisions to its air emissions reporting rule Nov 17 requesting CARB CTR requirements be considered compliant, final rule has not been published yet |
| 8. | Adaptation-Related Updates | Sarah | Tracking implementation of OPC Sea Level Rise Action Plan and Strategic Plan , OPC released an updated draft of the SLR Planning Guidance (removing extreme scenario) for review, comments are due Mar 4, adoption expected June 4; continued tracking of Regional Water Board’s climate related requirements in permit renewals (GHG requirements are included in some, which is inappropriate) |

STATE LEGISLATIVE & BUDGET UPDATE

| | ITEM | LEAD | STATUS |
|----|-------------------|---------|---------------------------------------|
| 1. | State Legislation | Jessica | Bill introduction deadline was Feb 16 |
| 2. | Governor’s Budget | Jessica | Draft released Jan 10 |

INFORMATIONAL ITEMS

| | ITEM | LEAD | NOTES |
|----|---|-------------------|--|
| 1. | BACT: Emergency Diesel Engines | David Courtney | SCAQMD considering source test provisions for large (>1000 hp) Tier 4 engines; SMAQMD adopts Tier 4 for small (>50), BAAQMD may follow |
| 2. | SCAQMD Plans to Replace Existing Diesel Engines | David | CARB has expressed interest in replacing existing backup generators by 2037 and SCAQMD may start the process |
| 3. | CARB Potential Amendments to Diesel Engine Off-Road Standards | Sarah Courtney | Tier 5 rulemaking (including CO ₂ standards), proposal expected in 2024, implementation to begin 2028 |

UPCOMING CONFERENCES/EVENTS

| NAME | DATE/LOCATION |
|--------------------------------------|-------------------------------|
| CASA Policy Forum | February 26-27, Washington DC |
| WEF Residuals & Biosolids Conference | June 18-21, Oklahoma City, OK |
| WEF Circular Water Economy Summit | July 15-17, Dallas, TX |

NEXT MEETING: March 28th

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

February 22, 2024 (8:30-10:30)
Virtual – Zoom Link (see Meeting Invite)



1

Priority Issues/ Action Items



2

1. CARB's Advanced Clean Fleet Regulations/Resolution

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

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

Contain requirements/schedules for POTWs!



3

1. CARB's Advanced Clean Fleet Regulations/Resolution

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

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

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



- No requirement to end the use of existing compliant vehicles
- Exemptions/extensions are available but confusing – requested guidance
- Early ZEV purchases made before deadlines or in excess of requirement count toward future ZEV purchase requirements if ZEV is still active
- Regarding third party haulers – requirements apply to any governmental agency, person, or entity that hires and operates or hires and directs the operation of vehicles in California that are subject to this regulation. CARB stated private haulers would NOT be covered unless directing day-to-day operations.

4

1. CARB’s Advanced Clean Fleet Regulations/Resolution

High Priority & Federal Fleets Requirements

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

- Timeline to transition entire medium- and heavy-duty fleet
- Allows existing and vehicles purchased by Jan 1st (2024) fueled by biomethane AND supporting SB 1383 facilities to opt into Milestone Group 3, **cannot opt in new biomethane fueled vehicles purchased after Jan 1st**
- We have offered to demonstrate biogas-to-hydrogen technologies, and expressed the need for a market for biomethane in the meantime
- CARB’s Resolution directed staff to work with us and state agencies – **Met with CARB Chair Office February 12th**

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



5

1. CARB’s Advanced Clean Fleet Regulations/Resolution

- Actions as of today:
 - Truck Regulations Implementation Group (TRIG)
 - Outreach, Border Communities, Infrastructure Implementation, and Rule Provisions Subgroups meeting at least quarterly
 - Rothbart accepted into Infrastructure Implementation Subgroup
 - Deslauriers accepted into Rule Provisions Subgroup
 - Next subgroup meeting to be a joint 2-hour meeting of Infrastructure Implementation/Rule Provisions: March 11th, 1-3 pm
 - Integration of AB 1594 to be facilitated by TRIG – to be addressed when Rule reopens in 2025
 - CASA requested a guidance document be developed detailing how to interpret the regulations
 - CASA gathering Q&A from members who have reached out to CARB staff to compile document
 - CASA to engage a smaller Task Force to respond to specific questions as needed
 - Board Chair and member outreach underway – meeting with each to provide them update
 - CASA updated the regulatory summary document and continues to add information as needed



6

2. SB 1383 Organic Waste Methane Emissions Reduction



- 40% methane reduction by 2030 (relative to 2013 levels) via Organic waste diversion from landfills
 - 50% by 2020 (relative to 2014 levels)
 - 75% by 2025 (relative to 2014 levels)

- CalRecycle outreach to overturn overly restrictive County ordinances to allow land application of biosolids
 - Sutter County updated their Ordinance to allow Class A/EQ land application (CalRecycle, CASA, and City of Yuba City advocated for Class B as well)
 - Tracking efforts in Stanislaus and San Joaquin, as well as Tulare

- Article 2 interpretation and determination discussions continue

7



3. CARB Low Carbon Fuel Standard (LCFS)

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

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4. Environmental Justice Advisory Committee

- 2023/2024 Priorities:
 - Low Carbon Fuel Standard
 - Cap-and-Trade Reg amendments
 - Natural and Working Lands
 - CARB’s role in Senate Bill 905, Carbon Capture Utilization and Sequestration Requirements

- Next Meeting (hybrid):
March 15th, 11 am – 5 pm
- Focus: LCFS Rulemaking

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

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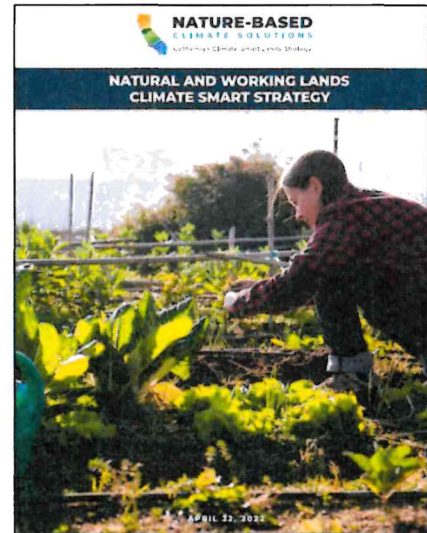
5. Biogas-to-Hydrogen

- AB 1550 (Bennett) tried to prohibit use of biogas as feedstock and energy source for production of hydrogen – failed passage!
- Track other bills trying to define green hydrogen or related to hydrogen production
- US National Clean Hydrogen Strategy & Roadmap – strategies to Enable the Benefits of Clean Hydrogen:
 - Strategy 1: Target Strategic, High-Impact Uses of Clean Hydrogen
 - Clean hydrogen in industrial applications
 - Clean hydrogen in transportation
 - Power sector applications
 - Carbon Intensity of Hydrogen Production
 - Strategy 2: Reduce the Cost of Clean Hydrogen
 - Hydrogen Production Through Water Splitting
 - Hydrogen Production from Fossil Fuels with Carbon Capture and Storage
 - **Hydrogen Production from Biomass and Waste Feedstocks (acknowledges WWTP biogas)**
 - Other System Costs
 - Strategy 3: Focus on Regional Networks

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6. CNRA NWL Climate Smart Strategy

- GHG model of 8 Landscapes to be improved over time
- CNRA developing carbon sequestration targets/priorities:
 - AB 1757 requires targets for natural carbon sequestration and nature-based climate solutions for 2030, 2038, 2045
 - Nature-based climate solutions = preservation, conservation, restoration, and sustainable land management
 - NWL Climate Smart Strategy update expected by Jan 1, 2025
- CASA submitted input on targets September 14th (see draft targets for Agricultural Lands on slide 12)
- CNRA released a summary of existing priority nature-based climate solutions and cross-cutting priorities for feedback – providing specific questions (slide 13)
- CASA to participate in workshop February 27th focused on Croplands and provide written comments



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

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

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

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

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

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

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7. Statewide Two-Step Process Coordination

- Actions as of today:
 - Selection of Project Manager near complete by CASA and the Steering Committee
 - Coordinating 2024 meetings with CARB and Air Districts following selection of Project Manager
 - PM to prepare a Source Test Protocol for review/approval in 2024
 - CASA member outreach underway
 - Study announcement and request for participation / contributions nearly final and to be distributed
 - CASA's Air Toxics Subgroup continues to meet, next meeting (March 13th) to be rescheduled since it conflicts with the Regulatory Workgroup Retreat

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7. Federal air toxics reporting updates underway

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

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8. Adaptation Update: OPC

- Tracking Strategic Plan ('20-'25), Sea Level Rise Action Plan (FY 22–25), and 30x30 California
- Aug 15th – Discussed updates to 2018 sea level rise guidance documents, including removing extreme (H++) scenario since not plausible
- Draft revisions released in January for public comment
- Comments due March 4th, CASA to submit
- Final Guidance will be presented to OPC for review and adoption during its June 4th meeting



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8. Adaptation Update: OPC

- Draft revisions to Sea Level Rise Guidance:
 - Greater certainty, narrowing range of SLR through 2050, statewide average of 0.8 ft over next 30 years
 - By 2100, CA sea levels expected to rise 1.6 ft and 3.1 ft, higher amounts cannot be ruled out
 - Beyond 2100, the range of SLR is increasingly large due to uncertainties in physical processes (e.g., earlier-than-expected ice sheet loss, future SLR)
 - By 2150, statewide sea levels may rise from 2.6 ft to 11.9 ft (Intermediate-Low to High Scenarios), higher amounts are possible
 - **Extreme SLR scenario (i.e., H++) is much higher than best available science suggests and is not included in the 2024 update**
 - Vertical land motion (uplift or subsidence) is the primary driver of local variations
 - Recommends evaluating Intermediate, Intermediate-High, and High scenarios (with storm conditions)
 - Recommends a stepwise process that includes adaptation pathways to phase actions over time

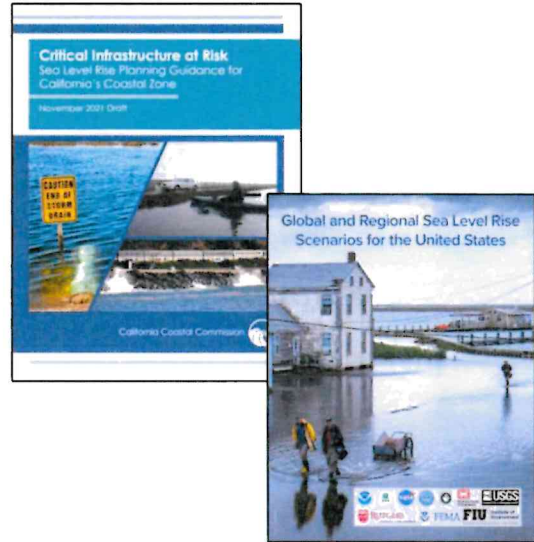


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8. Adaptation: CA Coastal Commission Sea Level Rise

- Once OPC Sea Level Rise Guidance is updated, CCC Guidance to be updated
- Critical Infrastructure at Risk: SLR Planning Guidance scenarios referenced in permits – Extreme (H++) scenario to be removed

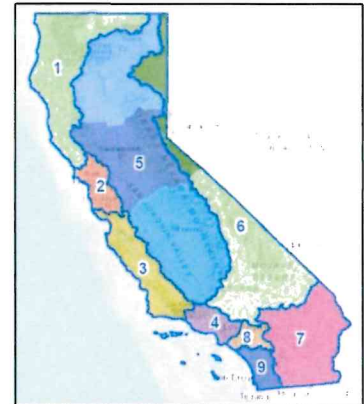
As a result of improved understanding of the timing of possible large future contributions from ice-sheet loss, the “Extreme” (H++) scenario from the 2017 report (2.5 m global mean SLR by 2100) is now viewed as less plausible and has been removed.



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8. Adaptation Update: Permits require varying climate assessments

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



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

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

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State Legislation & Governor's Budget

Jessica to provide overview of expectations for 2024

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Informational Items

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1. BACT: Emergency Diesel Engines

■ Air District Activities

- Bay Area AQMD – effective January 1, 2020
 - **Considering Tier 4 as T-BACT for standby diesel engines – looking for source test data to support determination, was anticipated by end of 2023 but no final word yet**
- Sacramento Metro AQMD – effective June 4, 2021
 - **Determined Tier 4 is BACT for engines >50 hp**
- San Joaquin Valley APCD – effective April 29, 2022
- South Coast AQMD – approved September 2, 2022
 - Compliant engines are tested by their manufacturers, Clean Water SoCal would like to see testing requirements for compliant engines match that for certified engines to avoid unnecessary testing requirements onsite
 - NOTE: SCAQMD advises operators not to use backup generators to avoid grid consumption (for example, during the September 2022 heat wave they advised not to use backup generators)

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2. SCAQMD Plans to Replace Existing Diesel Engines

- CARB has expressed interest in replacing existing backup generators by 2037
- SCAQMD has discussed incentivizing (\$) the demonstration of new technology
- SCAQMD discussing requiring replacements sooner than later

25



3. Potential Amendments to Diesel Engine Off-Road Emission Standards

- “Tier 5 Rulemaking”
 - Reduce NO_x (up to 90%) and PM (up to 75%) compared to Tier 4 standards
 - First-time GHG standards
 - Stringent exhaust standards for all power categories, including those that do not utilize exhaust aftertreatment (i.e., DPFs and SCRs)
 - Propose more representative useful-life periods
 - Develop a low-load test cycle
 - Update test procedures and consider first-time off-road OBD requirements
- Proposal to Board expected by 2024
- Implementation to begin in ~~2028~~ 2029

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3. Potential Amendments to Diesel Engine Off-Road Emission Standards

- Proposed Tier 5 Criteria Standards (g/kWh) w/ Implementation Period

Nonroad Transient Test Cycle (NRTC) and Steady-State/Ramped Modal Cycles (RMC)

| Power Category | Implementation Period | NO _x Interim | NO _x Final | PM Interim | PM Final | NMHC* Final | CO |
|------------------------------------|-----------------------|-------------------------|-----------------------|------------|----------|--------------------|-----|
| < 8 kW (< 11 HP) | 2031-2033 | 6.0* | - | 0.3 | - | - | 8.0 |
| | 2034 + | - | 5.0* | - | 0.2 | | |
| 8 ≤ kW < 19 (11 ≤ HP < 25) | 2031-2033 | 5.5* | - | 0.2 | - | - | 6.6 |
| | 2034 + | - | 4.0* | - | 0.1 | | |
| 19 ≤ kW < 56 (25 ≤ HP < 75) | 2031-2033 | 3.7 | - | 0.015 | - | 0.19 | 5.0 |
| | 2034 + | - | 2.5 | - | 0.008 | | |
| 56 ≤ kW < 130 (75 ≤ HP < 175) | 2031-2033 | 0.22 | - | 0.005 | | 0.080 ¹ | 5.0 |
| | 2034 + | - | 0.040 | 0.005 | | | |
| 130 ≤ kW ≤ 560 (175 ≤ HP ≤ 750) | 2029-2032 | 0.22 | - | 0.005 | | 0.080 ¹ | 3.5 |
| | 2033 + | - | 0.040 | 0.005 | | | |
| > 560 kW (Gen Sets) (> 750 HP) | 2030-2033 | 0.50 | - | 0.015 | - | 0.080 ¹ | 3.5 |
| | 2034 + | - | 0.35 | - | 0.008 | | |
| > 560 kW (Mobile) (> 750 HP) | 2030-2033 | 3.5 | - | 0.040 | | 0.19 | 3.5 |
| | 2034 + | - | 3.0 | | | | |



* NMHC + NO_x - Not applicable
¹ The NMHC standard for lean-burn NG engine families remains at 0.19 g/kW-hr



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Upcoming Conferences/Events

- CASA Policy Forum**
February 26-27, Washington DC
- WEF Residuals & Biosolids Conference**
June 18-21, Oklahoma City, OK
- WEF Circular Water Economy Summit**
July 15-17, Dallas, TX



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Upcoming Meeting(s)

- March 28th – revised appointments to come

Thank you!





Understanding CARB’s Advanced Clean Fleet Regulations

The California Air Resources Board (CARB) [Advanced Clean Fleet \(ACF\) Regulations](#) were approved April 28, 2023. The ACF Regulations apply to fleets performing drayage operations, those owned by State, local, and federal government agencies, and high priority fleets. High priority fleets are entities that own, operate, or direct at least one vehicle in California, and have either \$50 million or more in gross annual revenues, or that own, operate, or have common ownership or control of a total of 50 or more vehicles (excluding light-duty package delivery vehicles). The regulations apply to medium- and heavy-duty on-road vehicles with a gross vehicle weight rating greater than 8,500 pounds, including off-road yard tractors and light-duty package delivery vehicles.

This document summarizes how the ACF Regulations apply to publicly owned treatment works (POTWs) under the State & Local Government Agency Fleet Regulations and the High Priority & Federal Fleets Requirements.

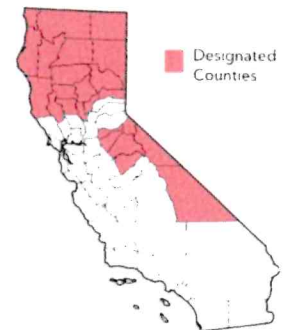
State & Local Government Agency Fleet Regulations apply to city, county, special district, and State agency fleets replacement vehicles (*Title 13, CCR Section 2013(d): General Requirements*)

If your organization is NOT within a low population county (unshaded counties in figure) AND you have >10 vehicles in your fleet, the following timelines apply each calendar year:

- As of January 1, 2024, 50% of vehicle purchases must be zero-emission vehicles (ZEVs)¹.
- As of January 1, 2027, 100% of vehicle purchases must be ZEVs.

If your organization is within a low population county OR you have 10 or fewer vehicles in fleet:

- As of January 1, 2027, 100% of vehicle purchases must be ZEVs.



Important: State & Local Government Agency fleets have no requirement to end the use of existing compliant combustion vehicles and can be operated indefinitely. Additionally, exemptions (e.g., specific two-engine vehicles and demonstrated daily usage) and extensions (e.g., ZEV infrastructure delay) are available and require a review of applicability and preparation of documentation. A list of provisions (exemptions and extensions) is provided on the following page.

Early ZEV purchases made before the regulatory deadlines listed above or in excess of the amounts required in Section 2013(d) count toward future ZEV purchase requirements as long as the ZEV is still active in the fleet. Each early or excess ZEV purchase can be purchased with incentive funds (if purchased prior to January 1, 2024) and can count toward a future requirement only once per Section 2013(h).

Note, per Section 2013(e), in lieu of complying with the requirements of the State & Local Government Agency Fleets for replacement vehicles, it allows POTWs to elect to permanently opt their entire medium- and heavy-duty fleets into the *ZEV Milestones Option Flexibility* under the High Priority & Federal Fleets Requirements (*Title 13, CCR Section 2015.2*) until January 1, 2030. If choosing this option, fleet owners must comply with all requirements applicable to high priority and federal fleets as specified in Section 2015. **Important:** After electing to opt into the High Priority & Federal Fleets Requirements, fleet owners may NOT opt back into the State & Local Government Agency Fleet Regulations. The next section provides more detail of the High Priority & Federal Fleets Requirements.

High Priority & Federal Fleets Requirements apply to POTWs that opt into the regulation – per Section 2015 (*via State & Local Government Agency Fleet Regulations Section 2013(e): General Requirements*)

Through January 1, 2030², the High Priority & Federal Fleets Requirements (*Title 13, CCR Section 2015.2*) allows POTW fleets to elect to permanently opt-in their entire medium- and heavy-duty fleet vehicles according to the following regulatory clarifications received from CARB:

¹ Per Section 2013(b), “Zero-emissions vehicle” or “ZEV” means a vehicle with a zero-emissions powertrain that produces zero exhaust emission of any criteria pollutant (or precursor pollutant) or greenhouse gas under any possible operational modes or conditions.

² If electing to opt in after January 1, 2024, your fleet must be in compliance with your currently elected compliance option (i.e., the State & Local Government Agency Fleet Regulations).



- The entire medium- and heavy-duty fleet must opt into the ZEV Milestone Option adhering to the appropriate timeline for Group 1, 2, or 3 based on vehicle type (see Table A of Section 2015.2).
- The percentage of vehicles needed to comply with a Milestone Group must be in operation by January 1st of the Milestone Year. If it is known that the vehicle will not be in operation by January 1st of the Milestone Year, you must apply for an extension.
- The portion of the fleet that satisfies the requirements of Section 2015.2(b) *Waste and Wastewater Fleet Provision* as of January 1, 2024, may qualify to opt those vehicles into Milestone Group 3 (see [CARB Waste & Wastewater Fleet Option](#)). In other words, if you have 100 fleet vehicles, and only 10 are exclusively fueled with biomethane and support implementation of SB 1383, those 10 vehicles can be registered in Milestone Group 3 while the remainder of the fleet must be categorized under Group 1, 2 or 3 based on vehicle type.

Fleet owners utilizing this provision must report fleet and vehicle information as specified in Section 2015.4(c)(1) and keep records as specified in Section 2015.5(m).

Flexibility Provisions – available to medium- or heavy-duty vehicles of 13 years or older if registered under State & Local Government Agencies Regulations and 16 years or older if under High Priority & Federal Fleet Regulations.

| Provision | Brief Description |
|------------------------------------|---|
| Vehicle Delivery Delay Extension* | Allows a Fleet to remain compliant if a ZEV order is delayed. |
| ZEV Infrastructure Delay Extension | Extends compliance for up to 5 years for delays during planning and construction. |
| ZEV Purchase Exemptions | Can buy ICE vehicle if ZEV is not available in configuration needed. |
| Daily Usage Exemption | Can buy ICE vehicle if available BEV** does not meet fleet’s mileage or power needs. |
| Mutual Aid Assistance | Reserves up to 25 percent of ICE vehicles in a fleet for use in mutual aid events. |
| Waste/Wastewater Fleets Extension | Extends existing CNG trucks in waste diversion and biomethane generation. |
| Non-Repairable Vehicle | Flexibility to purchase used replacement ICE vehicle in case of accident. |
| Backup Vehicle Exemption | Excludes vehicles operated less than 1000 miles per year including mutual aid events. |
| Intermittent Snow Removal Vehicle | May purchase ICE vehicles to operate as intermittent snowplow until 2030. |

*Not relevant to the ZEV Purchase Schedule (i.e., State & Local Government Agency Requirements).

**BEV – battery-electric vehicle.

Registration & Reporting Requirements & Deadlines

- Reporting guidance is made available [here](#).
- Reporting deadlines:
 - **February 1, 2024, if opting into High Priority & Federal Fleets Requirements in 2024.** Can opt in until January 1, 2030, but must comply with the State & Local Government Agency Regulations in the meantime.
 - **April 1, 2024, for State & Local Government Agency Fleets Regulations.**
- Register fleet and submit information to CARB electronically via its online reporting system known as the [Truck Regulation Upload, Compliance, and Reporting System](#) (TRUCRS, pronounced “truckers”).
- Any fleet changes need to be reported to CARB within 30 days of the change.

For vehicles satisfying Section 2015.2(b) *Waste and Wastewater Fleet Provision* under the High Priority & Federal Fleets Requirements, fleet owners must keep records showing their vehicles are fueled exclusively with biomethane and the fleet meets the eligibility requirements. Records include the following:

- A copy of a permit or license to operate, or proof of ownership of a wastewater treatment facility.
- A copy of the vehicle registration identifying the wastewater fleet as the owner, or documentation showing the vehicle was purchased with an account indicating expenses incurred by the wastewater entity and were assigned to the wastewater fleet.



- Records of all biomethane fuel contracts in effect for affected vehicles as of January 1, 2024, and all fuel contracts that are executed on and after January 1, 2024. A government agency must keep a copy of the local ordinance, regulation, or code that requires the collection, hauling, and/or processing of diverted in-state organic waste.
- If contracting with a third-party hauling service, the third party must keep a copy of the franchise waste hauler agreement or another contract with a government agency implementing in-state organic waste diversion activities that has a minimum term length of ten years, or a minimum term length of three years but includes a renewal provision when satisfying the contract terms.
- A copy of the fleet’s internal database identifying which tractors are exclusively used as transfer trucks.

How is CARB integrating AB 1594 into the ACF regulations?

Assembly Bill 1594 (Garcia) was adopted on October 8, 2023, and applies to public agencies, which are defined as local publicly owned electric utilities, community water systems, water districts, and wastewater treatment providers. It authorizes public agencies to purchase replacements for traditional (medium- and heavy-duty) vehicles that are at the end of their useful life when needed to maintain reliable service and respond to major foreseeable events (including severe weather, wildfires, natural disasters, and physical attacks). For these purchases to be allowed under the ACF Regulations, amendments are needed to adjust the 13-year useful life requirement in order to access the Flexibility Provisions and to allow all mileage data to be considered when assessing the Daily Usage Exemption. However, CARB has stated that amendments to the ACF Regulations will only be discussed once informal rulemaking begins, which is not expected until early 2025.

As the ACF Regulations are being implemented, CASA continues to collect member experience related to the barriers to implementation for both the State & Local Government Agency Regulations and High Priority & Federal Fleets Requirements. We are working to clarify any needed adjustments to the regulations as well as assist in streamlining the process for exemption and extension approval. Additionally, CASA is participating in CARB’s Truck Regulations Implementation Group (TRIG) Subgroups to provide feedback regarding Rule Provisions, Infrastructure, and Outreach.

For more information or if you need support in your efforts seeking approval for an exemption or extension, or if you have any other questions, please contact Sarah Deslauriers at sdeslauriers@carollo.com.

CASA ACE

2/22/24

Craig K. Murray

Kris Flaig, Q: Commercial Harbor Craft w/ACF, City of Los Angeles, Hyperion Air Quality

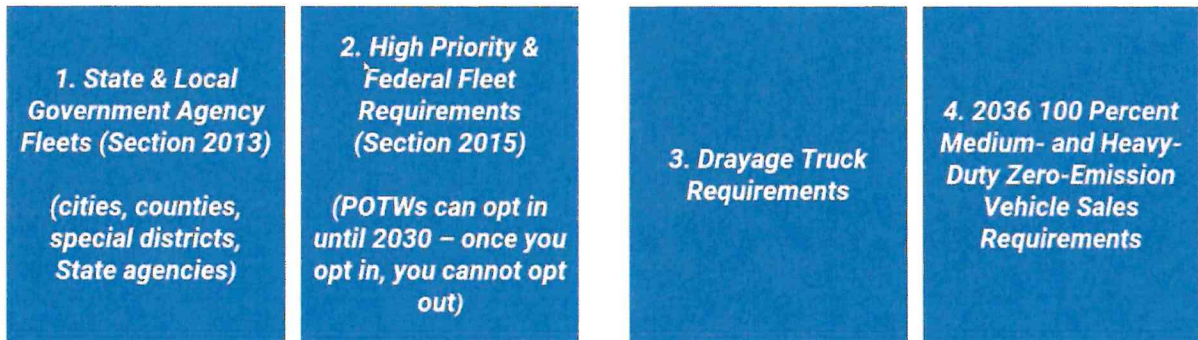
GK: Sarah Deslauriers now hired onto CASA staff.

GK: Cleaning and conditioning omitted including Transp. Fuel. Set mtg. w/Treasury (Janet Yellen) for CASA DC Forum (Treasury declined) but new 30 day public comment period opening today.

Treasury doesn't really deal with Biogas conditioning so missing point. H2S, CO2 have to get out for national level and still have to condition it before use. CA does have unique conditions. As it stands now, biogas have to go to pipeline and return for credit. Am/ Biogas Council & others chiming in on it.

1. CARB's Advanced Clean Fleet Regulations/Resolution

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



Contain requirements/schedules for POTWs!



Less than 10 vehicles in fleet and low population counties not have to adhere 1/1/24 50% and by 2027 100% ZEV purchases. On third party haulers, CARB stated private haulers would NOT be covered unless directing day-to-day operations.

TRIG- Truck Regulations Implementation Group. Integration of AB 1594 to be facilitated by TRIC when Rule reopens in 2025. David Rothbard: April 1 is the reporting deadline for your truck fleets.

DR: Non-attainment penalties. Section 185 penalties by So Coast, \$400k/year to be paid by LA Co. San. Until meet attainment, federal highway funding would be withheld and may limit to only certain drive days. CASA and others need to highlight disconnect by March 4 deadline and request a delay. We want to say this is a big issue, a complete disconnect and time to get a reality check. Problem not penalized by Clean Air Act. Sharon Green get multiple extension requests as soon as possible like this week, 1 page fact sheet and think can do advocacy on this on legislature side but what want them to do other than fix and tough not to crack on how to fix. Solutions now will end up

in very draconian place with fines. DR: Where Mobile Sources aren't ratcheted down then there will keep pressuring down on stationary sources and not needed.

Commercial Harbor Craft Issue. Kris Flaig: CARB hearings past few years. Adopted it in 2022 and OEL approved it for 1/1/23 in effect to upgrade replace marine vessels used for monitoring (uphill battle for us) but gives 5 different extensions that we were granted. Exec. Officer and Sanit. Mgr. letter to Sacramento. Took about 2 days to get the extensions approve. San Diego applied for Tier 3 connection but was denied by CARB. OC San has RFP for a vessel. LA Co San. They don't need one as urgently as others. Pre Tier 1 engines (60 year old vessel) and tier 3 or 4 just can't do so procure with sole source or RFP like OC. DR: Ocean Going Vessel have to have Tier 4 and very few can accommodate with its controls. 50-60' long boat had to go to 73' long boat to be compliant with SDR. European make and could disconnect the DCF if it becomes clogged. Amber Baylor: we contract for vessels, not aware if subs need to be compliant. Wendy Johnson: San Diego discouraged to submit letter and unlikely to get approved and be compliant in future. KF: Lab people manage the vessels and first submittal to CARB in Sept. for extensions so boat can be used in 2024. Tier 4 and SCR is highest you can go unless get bumped up to all electric and don't see at least in a decade or two. Each ext. is 1 year at a time and need to apply to renew it. Submitted late Sept. and no response until mid-Jan. Submit renewal paperwork in July now. SD: SCF req. submit 1 year in adv.

GK: SB 1383 1/1/25 incl. Biosolids to be diverted. Biosolids probably the cleanest organic feed stock. We worked with Cal Recycle Regs. and Water Board capacity analysis that existing capacity at POTW to accept food wastes. But we need diversion biogas, biosolids – prohibit against land applications, distribute FAQs to all 58 counties - Sutter (ordinance revised in Dec. Allows Class A but not Class B. Class A only application Riverside, Kern, Tulare unreasonably restrictive), Stanislaus, San Joaquin Req. every jurisdiction provides needs to procure back incl. biogas (transp. Fuel and export electricity). Can't landfill more 50% today down to 25% by 2025. Landfill all biosolids not just compost trying to get agreement. Article II: reduction at landfill disposal and what considered landfill disposal, addl. Treatment technologies. 5 dedicated landfill disposal in state and how manage, treat and DLDs. Trying to get further response on landfill disposal. CASA One incinerator considered not landfill disposal but before was. Mary Cousins: Update on Article II. GK: Dublin San Ramon, Vallejo and will give letters to those that request them. Only 7 agencies across the state and GK already informed and Cal Recycle happy to provide those letters. GK: this is such sweeping legislation since the 2006 Global Warming Solutions. LCFS. GK : 1/5/24 new regs changes released. Trying to phase out our ability to use Biogas for Transportation Fuel. Only allow 10 year crediting if before 2030 can do 3 10 year cycles. Just like ACF we always producing biogas and we should have a carve out and transportation gas is one of the prime ways to do that. Know want to go to Board fairly early this year. Not overly optimistic. However on Fed level recognized and benefits to use as Trans Fuel and codigestion and sludge digestion highest credit , cellulosic gets lower value. March 15: Env. Justice Adv. Committee Meeting March 15 11am-5pm. GK: consternation is with Ag Communities taking most of those credits. GK: Liken ourselves to providing essential public services. SD: US Highway Strategy & Roadmap: Hydrogen. Specifically Biogas to Hydrogen to try to show if viable pathway. Lower or Higher CI as take it from Biomethane and like funds from ARB. AERR: EPA Air Emissions Reporting Rule. Adoption expected early 2024. Jessica: Sac. Bill deadline last Fri. V.Busy week. Flagged about 24 bills. SB903 Skinner to ban all non essential PFAS by 2030. Breast Cancer and other working groups as sponsors. AB 1550 green

hydrogen bill did die failed after 2 years. New bill hydrogen including more feedstocks. SB 1383 req. couple bill tweeks, making exemptions perm. Compost facilities. AB 2513 Asblmbr. Ag.Curry Hydrogen Pipeline products. At least 1/3 are spot bills, sitting until they can be amend in mid March. CASA ACE will get bill list and CASA Leg committee meets March 23. LAO report update on Rev. \$58B last Dec. and now addl. \$15B lost revenues and report on how to make up including program cuts and revenue generation and tapping rainy days funds.

STATE OF CA: \$73 B (B AS IN BILLION)(Each Billion is a 1,000 Millions) DEFICIT!!!

SD: Look at slides for additional information items. June 4: CASA-CWEA Partnering for Impact, Water Reclamation and PFAS.

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BOARD MEMBER MEETING ATTENDANCE REQUEST

Date: _____ Name: _____

I would like to attend the _____ Meeting
of _____

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

Location of meeting: _____

Actual meeting date(s): _____

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

Purpose of Meeting: _____

Meeting relevance to District: _____

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

Frequency of Meeting: _____

Estimated Costs of Travel (if applicable): _____

Date submitted to Board Secretary: _____

Board approval obtained on Date: _____

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

3/7/2024

BOARD AGENDA ITEM REQUESTS

Agenda Item 6B

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

JULY 3-7

Agenda Item 7
 Date March 7, 2024

County fair theme planned on water-related subjects

BY KRISSY WAITE

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The Marin County Fair will run from July 3 to 7 with the theme “Make a Splash” — a focus on water-related subjects such as local watersheds, conservation and sea-level rise.

Gabriella Calicchio, director of the Marin County Department of Cultural Services, said the annual fair themes are meant to reflect issues and topics that are on residents’ minds. Last year’s theme, “Electrifying,” was inspired by reusable energy.

“So this year we were thinking about some of the things that are really relevant to our community and water, of course, is at the top of that list in terms of sea-level rise, water conservation and, really, the future and how much it depends on the availability of water,” Calicchio said.

The Marin Municipal Water District and the North Marin Water District are looking to partner with the county for the fair. Calicchio said that while it is early in the planning process, the organizations are exploring the idea of an exhibit with a home that shows ways to conserve water in the kitchen and bathroom.

Adriane Mertens, the communications and public affairs manager for the Marin Municipal Water District, said the utilities look forward to the opportunity to collaborate with the fair.

“Plans are underway for a unique, interactive experience that will guide fair attendees through the fascinating intricacies of how water is delivered from source to tap, while also seeking to spark fair goers’ interest and imagination as it relates to sustainable, long-term water use habits for their own homes and gardens,” Mertens said.

Competitive exhibits will reflect the theme, with categories such as decorated birdbaths, driftwood designs, surfboards and miniature sailboats. Art categories include watercolors, sea, surf and sand, water birds, drip paintings and marine mammals.

The competitive exhibit categories will be announced this month.

“The inspiration was trying to find something that would resonate with our community where we could partner with agencies to educate our community but where we could also make it fun,” Calicchio said.

Fair favorites, such as the juried arts and photography exhibit, carnival rides, sheepdog trials, the petting zoo, pig races and fireworks will be returning. Some will include new twists, like a children’s tractor-pulling competition, she said.

Calicchio said one new addition to the fair is the “Butterfly Kingdom,” an exhibit where visitors get a feeding stick and can explore an enclosure with 100 live butterflies of six species. The exhibit aims to teach about the butterfly life cycle and even how to mend a broken wing.

Concerts will also return with local talent performing each day. On July 5, family-friendly LGBTQ+ acts will take the stage in honor of the fair’s Pride Day. On July 7, Latin artists will perform for Latin Heritage Day.

Calicchio said last year’s fair had 92,076 attendees — 79,815 paid — and made \$1,951,265 in ticket revenue.

“Amazingly enough, even with those dreadfully hot days, we exceeded our numbers and number of people that came in 2022,” Calicchio said. “We’ve been really lucky in that COVID and the two-year closure did not hurt our

attendance.”

This year the fair will be both indoors and outdoors, but the Marin Veterans’ Memorial Auditorium will continue to be under construction for safety projects. Calicchio said being unable to use the building for exhibits causes a domino effect on event spaces and more stress on the Marin Center Exhibit Hall.

“We’re just exploring new things we can bring as well as ensuring all the things that people love and enjoy,” Calicchio said.

Tickets go on sale online on May 1. Prices start at \$15 for July 3, 5, 6 and 7, and \$30 for July 4.

ELECTRIC VEHICLES

Charging station woes threaten goals

Public system problems, lack of oversight challenge state



A Chevrolet Volt hybrid car gets charged at a station in Los Angeles. RICHARD VOGEL — THE ASSOCIATED PRESS

BY RUSS MITCHELL

LOS ANGELES TIMES

Doug McCune of Oakland was set to buy an electric car, a Mustang Mach-E. The paperwork was complete; he only needed to sign. Still, he'd heard bad things about the EV public charging system, and felt nervous.

He borrowed a Mach-E from Ford, tried a few charging stations, then changed his mind. "I couldn't count on finding a charger that's functional or that doesn't have a line of cars waiting because only one of four chargers is working," McCune said. "If I was comfortable with the charger situation, I would have bought the Mach-E." He chose a Volvo plug-in hybrid instead.

He's far from the only one worried about the dependability of the state's charging system.

Ask around and many EV owners will agree, public chargers have a bad reputation. Those operated by companies including ChargePoint, Electrify America, Blink and EVgo don't work 20% to 30% of the time, according to studies

from University of California-Berkeley and data firm J.D. Power.

How did the state-subsidized public charger system end up so problematic? California's policies are at least partly to blame. The state chose not to require that charger companies meet performance standards as it doled out \$1 billion in subsidies, grants and other assistance to charger companies, with billions more on the way.

"We were just trying to get chargers out there and learning," said Patty Monahan, one of five commissioners on the California Energy Commission.

So no financial penalties for poor reliability were included in its subsidy and grant contracts, and no mechanisms for enforcement were set up.

In 2020, Gov. Gavin Newsom ordered that new cars and light trucks sold in California must be greenhouse-gas-free in increasing numbers until 2028, when more than half must fit that category, and 2035, when 100% of new cars and light trucks sold must be "zero emission." More than a million and a half EVs are on the road today in the state.

Politicians, EV drivers, automakers and California taxpayers wonder how California's ambitious climate targets can be reached if public charging remains unpredictable.

"The lack of reliability of the EV infrastructure is going to affect the goals unless we get our act together," said Democratic Assemblymember Jacqui Irwin of Thousand Oaks.

Strong advocates of electric vehicles, deeply committed to greenhouse gas reduction, are furious at the lax oversight.

"If we don't fix this, none of our plans, regardless of how good they are, will come to pass because consumers won't accept EVs without a reliable EV infrastructure," said Frank Menchaca, president of sustainable mobility solutions at the Society of Automotive Engineers.

Poor oversight stems in part from the state's scattered approach to EV infrastructure management, critics say. No agency is fully in charge. The energy commission plays a big role; it has issued \$448 million in grants and subsidies so far. The California Air Resources Board oversees an \$800-million court settlement with Volkswagen after the emissions cheating scandal. The California Public Utilities Commission, the California Department of Transportation, and the California Division of Measurement Standards are responsible for pieces of EV infrastructure.

The absence of ultimate responsibility troubles automakers such as Kia. The Korean company has committed to EVs and basks in glowing reviews from the automotive media for its new EV6 and EV9 electric cars. But the company is afraid sales will be crimped because too many chargers don't work.

"What we've learned is that the infrastructure is at the top of reasons for rejection of EVs," said Steve Kosowski, manager of strategy at Kia America, which is based in Irvine. Leadership of California charger spending is too diffuse and should be held more accountable, he said. "There needs to be an individual who is going to be monitoring and assuring and making sure that the funds going into this" are spent effectively.

Another big problem: A lack of comprehensive data. The energy commission "lacks sufficient data on EV charging reliability to assess the reliability of the state's charging network," according to a September 2023 report that its staff wrote.

The government can't even agree how many chargers there are in California.

The federal government counts 43,481 public chargers in the state, only about 50% of California's own tally, according to the report, though the state's estimate "lacks precision."

California aims to have 250,000 chargers installed by the end of next year, and a lot more government money is on the way.

Hundreds of millions of dollars are expected to be spent over the next several years. The federal government will pump \$384 million into California to be managed by the same agencies handling the state-funded charger program.

Automakers have invested heavily to build EVs and meet the California mandate, which has been adopted by a dozen other states committed to greenhouse gas reduction. Consulting firm AlixPartners said EV investment is expected to reach \$616 billion in the five-year period of 2023-27, double the five-year figure for 2021-25.

Meanwhile, with EV owners flustered as automakers fret, charger company top executives are making bank. Pasquale Romano left his job last fall as chief executive at ChargePoint, the nation's largest charger company measured by total installations. ChargePoint's board paid him more than \$31 million over the last three years, plus stock options that vest this month valued at \$44.8 million.

Romano splurged on an \$8.2-million home in Los Gatos, California, in September 2022 (\$1,051 per square foot), reportedly the year's priciest single-family home sale in that posh Silicon Valley enclave. It had a home theater, wine room, gym, art studio and library, according to the Compass real estate website. Also four bedrooms and seven full and half baths.

Catherine Zoi quit her job as EVgo chief executive last fall too. Her compensation more than \$8 million was less than Romano's, but she'll have more time to relax. "My husband and I have a ranch in Ojai, growing agave instead of citrus," she said at a Q&A webinar in November. She'll also advise young companies, she said.

Today, 17 years after the state's public charger subsidies began, the energy commission continues to assess what kind of data it should collect on chargers. Legislative action was required in 2022 to force the commission to gather comprehensive charger data in the first place. The commission is still debating how to do that.

Why did it take so long to begin collecting data? The need became clear "as we saw the importance of having reliability and saw EV sales start to escalate," said energy commissioner Monahan.

The commission started getting a bit tougher in late 2021, Monahan said, when it began including a 97% "uptime" requirement in new contracts. Uptime means the charger works when the customer needs it, and rules around calculating uptime allowing for weather, vandalism and other factors are being worked out.

Monahan said the state will now physically inspect charger stations, through a contract with UC Davis.

Some EV supporters are unhappy. "We feel it's imperative at this point that all future funding has performance requirements and enforcement," said Carleen Cullen of Cool the Earth, a San Francisco Bay Area organization dedicated to greenhouse gas reduction and EV adoption. "The industry needs to know they're going to need to comply."

Air resources officials declined to speak with The Times. However, at a meeting in June, the board's chair, Liane Randolph, pleaded with the charger companies to get their act together. "Please make sure these chargers are fully maintained," she said. "There is nothing more frustrating than planning on accessing a particular charging station and finding the units not working."

The companies say they're dedicated to fixing their charging networks. They blame with some justification supply chain problems, software bugs, vandalism and more. Both Electrify America and ChargePoint say they're investing in operations centers, hiring more maintenance workers and installing new chargers that they hope will prove more dependable.

What about Tesla's Supercharger network? By all reports, Tesla's Superchargers, which to date have taken no state subsidy money, are working relatively well. But not everyone wants to buy a Tesla. "Tesla would have been the go-to car for us," McCune said. But "Elon Musk's antics" turned him off.

Distressed by the state of the public charger system, automobile companies have struck agreements with Tesla to use its Superchargers. The details are yet to be announced.

Distributed by Tribune News Service

Article | February 13, 2024

PFAS As Hazardous Waste: Should Water And Wastewater Utilities Be Worried?

Source: Water Online

By Christian Bonawandt

After years of discussion, on Thursday, Feb. 1, the U.S. EPA announced a proposal that would [classify nine per- and polyfluoroalkyl substances \(PFAS\) as hazardous waste](#) under the Resource Conservation and Recovery Act (RCRA). The decision comes less than a year after EPA proposed individual maximum contaminant levels (MCLs) of 4 parts per trillion (ppt) for PFOA (perfluorooctanoic acid) and PFOS (perfluorooctane sulfonate) as well as a hazard index (HI) of 1.0 for a combination of them and four other substances.



The announcement has undoubtedly triggered concerns among water industry professionals about the impact it will have on their operations. Several states already regulate a range of PFAS, including New York, New Jersey, California, Wisconsin, and North Carolina. But the new rules, once finalized, will not only require removing all detectable traces of some PFAS, but are also poised to affect a number of aspects of water treatment plant (WTP) and even wastewater treatment plant (WWTP) operations.

What Does the Proposal Cover?

For now, the proposal aims to achieve two things. The first is to change the definition of hazardous waste in order to secure its authority over such matters. This is an important move, given the recent efforts by some groups to undermine EPA's authority, most recently when it came to protected wetlands.

The second is to include the following nine PFAS as hazardous substances under RCRA:

- Perfluorooctanoic acid (PFOA)
- Perfluorooctanesulfonic acid (PFOS)
- Perfluorobutanesulfonic acid (PFBS)
- Hexafluoropropylene oxide-dimer acid (HFPO-DA or GenX)
- Perfluorononanoic acid (PFNA)
- Perfluorohexanesulfonic acid (PFHxS)
- Perfluorodecanoic acid (PFDA)
- Perfluorohexanoic acid (PFHxA)
- Perfluorobutanoic acid (PFBA)

At first glance, the proposed rules don't relate to WTPs and WWTPs. After all, drinking water standards are regulated under the Safe Drinking Water Act (SDWA) and wastewater effluent permits are managed under the Clean Water Act (CWA). However, there are areas where RCRA can affect water and wastewater facilities.

Filter Media Disposal

Those WTPs that are already leveraging granular activated carbon (GAC), ion exchange (IX), or reverse osmosis (RO) technology to remove PFAS may find it more difficult to dispose of spent media and membranes. If the EPA moves ahead with its plan to classify some PFAS as hazardous waste under RCRA, regulations may prohibit landfilling contaminated media in some states or municipalities (or even nationwide). This is almost guaranteed to add operating costs. WTPs may be required to pay additional fees to municipal waste management departments or call private hazardous waste disposal services. In some cases, incineration may be the only viable option. But PFAS can only be destroyed at temperatures between 1,000- and 1,800 degrees C, which not all incinerators can achieve. And some incinerators cannot or will not accept PFAS-contaminated media. As a result, those that do may find themselves in high demand, which can increase prices.

This impact may not be limited to drinking water. Wastewater facilities that use tertiary treatment such as cloth media, as well as membrane filters, may need to adjust procedures for how spent media are handled.

Sludge Handling

While biological processes are not an effective way to remove PFAS from wastewater, it is inevitable that PFAS-laden wastewater will result in PFAS-contaminated sludge. Similar to how they affect disposal of filter media, the new rules could change how WWTPs handle their sludge if it is found to contain PFAS. For example, final regulations may prohibit landfilling. In addition, any sludge contaminated with PFAS may end up being ineligible for composting or beneficial reuse, which are often sources of income for many WWTPs. Like with filter media, incineration may be the only viable option, which would both impose new operating costs and also increase overall carbon footprint.

Remediation

RCRA rules focus on prevention rather than remediation, so unless the EPA also adds rules to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), there is little change that WTPs and WWTPs will be required to clean up PFAS-contaminated water. Even if new rules include language for remediation, water and wastewater treatment plants may receive special dispensation. After all, if anything, the treatment operations are a key line of defense when it comes to protecting the public from PFAS.

Until the rules are finalized, it will be hard to know exactly how they will impact water and wastewater treatment facilities. Once the rules have been published in the *National Register*, EPA will enter two comment periods. During this time, it will be important for water authorities to speak up about in order to minimize the risks and burdens imposed on them.

Christian Bonawandt is an industrial content writer for Water Online. He has been writing about B2B technology and industrial processes for 23 years.

MARIN MUNICIPAL

Water district adopts plan aimed at improving agency

Strategy covers better supply, cutting use, financial matters



Nicasio Reservoir, part of the Marin Municipal Water District, stands at full capacity on Feb. 9. The district's plan focuses on water supply, drought resiliency, land stewardship, fiscal responsibility and organizational excellence. ALAN DEP — MARIN INDEPENDENT JOURNAL



Nicasio Reservoir in July 2021. The Marin Municipal Water District plan's objectives include increasing water supply by 2,700 acre-feet through the completion of capital projects. SHERRY LAVARS — MARIN INDEPENDENT JOURNAL

BY ADRIAN RODRIGUEZ

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The Marin Municipal Water District has adopted a five-year strategy after months of planning around how the agency can improve.

Targets for water supply, drought resiliency, land stewardship, fiscal responsibility and organizational excellence are wrapped into the plan that will chart the course of action through 2028.

“We’re finishing the strategic plan, but this really is just the beginning of the next step, which is implementing the plan,” Ranjiv Khush, president of the district board, said Tuesday. “This is a small part of what we’re trying to accomplish.”

Ben Horenstein, general manager of the district, said officials ensured that the plan is an “actionable document.”

“It’s very big, ambitious and somewhat bold in some respects,” Horenstein said. “All of the activities reflect really I think the criticality of this organization moving forward in a continuous improvement mindset.”

Next month, the board will hold its annual retreat, where officials will develop their plan for the remainder of 2024. The objectives for the year will be derived from the five-year strategic plan. Officials will set specific milestones and deliverables, Horenstein said.

The board is set to repeat that process each year through 2028 to record progress on the five-year plan, Horenstein said.

The district manages about 19,800 acres of watershed land in the county. It employs nearly 250 workers in 25 departments who are responsible for getting water to more than 191,000 people, according to the utility.

The district board has been meeting since September to draft the five-year plan and fine-tune the objectives that support each of the five goals.

At the previous meeting, in January, board members suggested several edits that they wanted to be compiled in a final draft before taking a vote. The final draft was presented to the board on Tuesday.

The document says the mission of the district is to provide reliable, high-quality water and to adapt and sustain resources for the future. "Marin Water is a leader in water and natural resource management and addressing the complexities of a changing environment," the document says.

The plan's objectives include reducing water use and waste by 800 acre-feet in the next five years and increasing water supply by 2,700 acre-feet through the completion of capital projects such as the electrification of the Soulajule pump station.

Other objectives include strengthening partnerships with Sonoma Water, Marin cities and agencies, and seeking support from state and federal agencies to develop regional water supplies.

The plan talks about prioritizing investments in infrastructure and energy planning to reduce the carbon footprint through the use of electric vehicles and renewable power options. Creek restoration, wildfire planning and overall stewardship are also part of the plan.

Operating with financial transparency, seeking outside funding, including grants and sometimes bond funding, and setting fair, equitable and proportional rates for customers are other objectives.

Targets to improve the district's culture, values and experience for staff and customers are covered, too.

"The five-year plan really reflects a lot of careful consideration," said Monty Schmitt, a member of the board.

Schmitt praised staff for boiling down suggestions made by the board into a clear document that demonstrates the tone, spirit and goals of the organization.

"I think it reflects the future that we are striving toward that is ambitious and with the intention to be the best district that we can be on stronger footing to achieve our mission," Schmitt said.

More details about the plan are available at marinwater.org/node/1184.

GAS EMISSIONS

California lags in effort to curb food in landfills

BY AMY TAXIN

THE ASSOCIATED PRESS

CHULA VISTA >> Two years after California launched an effort to keep organic waste out of landfills, the state is so far behind on getting food recycling programs up and running that it's widely accepted next year's ambitious waste-reduction targets won't be met.

Over time, food scraps and other organic materials like yard waste emit methane, a gas more potent and damaging in the short-term than carbon emissions from fossil fuels. California's goal is to keep that waste from piling up in landfills, instead turning it into compost or biogas.

Everything from banana peels and used coffee grounds to yard waste and soiled paper products like pizza boxes counts as organic waste. Households and businesses are now supposed to sort that material into a different bin. But it has been hard to change people's behavior in such a short period of time and cities were delayed setting up contracts to haul organic waste due to the pandemic.

In Southern California, the nation's largest facility to convert food waste into biogas has filed for bankruptcy because it's not getting enough of the organic material.

"We're way behind on implementation," said Coby Skye, the recently retired deputy director for environmental services at Los Angeles County Public Works.

"In America, for better or worse, we want convenience, and it's very difficult to spend a lot of time and effort educating people about separation."

Meanwhile, some communities that ramped up collection now have more compost than they know what to do with, a sign that more challenges are yet to come as the nation's most populous state plows ahead with its recycling plans.

Only a handful of states mandate organics recycling, and none are running a program as large as California's, which seeks to slash by 75% the amount of organic waste it sends to landfills by 2025 from 2014 levels.

Reaching that goal within a year would be a stretch, experts said.

About three-quarters of communities are currently collecting organic waste from homes, said Rachel Machi Wagoner, CalRecycle's director. While some places are lagging, her aim isn't to punish them but to help them get started, adding that every bit helps the state move towards its goal of reducing emissions.

"My goal is about figuring out where the challenges are and getting us as quickly as possible to success," she said.

"I don't know when we will reach our 75% goal, but we will reach it," she added.

CalRecycle hasn't tallied data yet on how much organic waste was diverted from landfills in 2023.

Jurisdictions reported diverting 11.2 million tons (10.1 million metric tons) of organics at the end of 2022, up from 9.9 million tons (8.9 million metric tons) the prior year, Wagoner said.

Some challenges include getting residents on board with sorting their trash into a third bin and knowing what goes where.

Others concern what to do with the nutrient-rich compost once it's been created from collected grass clippings, tree branches and food scraps.

At Otay Landfill near the Mexican border, workers pick through heaps of branches and leaves to pull out plastic bits before the material is placed under tarps.

The site processes 200 tons (181 metric tons) of organic waste daily and hopes to double that amount as more cities ramp up collection, said Gabe Gonzales, the landfill's operations manager.

Once the compost is made, California's law requires cities to use much of it. But many say they don't have enough space to lay it all out.

Chula Vista, a San Diego County city of 275,000 people, is supposed to use 14,000 tons (12,700 metric tons) of compost a year but uses a few thousand at best, said Manuel Medrano, the city's environmental services manager. Some is doled out in free compost giveaways for residents, while heaps of the material are stored in a fenced area of a local park.

"To transport it is really expensive, to spread it is really expensive," Medrano said. "We're nowhere near meeting that requirement."

Communities with more open space might fare better. Cody Cain, head of marketing and sales for compost-maker Agromin, said his company has developed a plan to link cities struggling to meet these requirements with farmers who need the material for their soil.

"We basically are matchmakers. Call us the 'Tinder' of compost, and we'll bring the farmer together with the city," Cain said.

Food waste also can be converted into biogas to fuel vehicles or industrial operations.

But a massive facility built three years ago in the Southern California city of Rialto now finds itself facing bankruptcy after Los Angeles was slow to ramp up collection, leaving the plant with insufficient waste, said Yaniv Scherson, chief operating officer for Anaergia Inc.

"It's because the cities didn't enforce on time the market is struggling," he said. "If it doesn't get feedstock this year, there is a chance it shuts down completely."

LA Sanitation & Environment, which handles trash and recycling for the city of nearly 4 million people, had no immediate comment.

Heidi Sanborn, founding director of the environmental National Stewardship Action Council, said she supports the state's law but wants more done to keep plastics out of compost and to develop alternative energy solutions.

Some of California's challenges stem from the fact the state is trying to build a system on a scale the country hasn't seen, she said.

"We're trying to fix incredibly tough problems. We're not going to find the perfect solution out of the gate," she said.

But, Sanborn added, "we're on our way."

SAN RAFAEL

Critics of housing project rap environmental study

Residents claim shortcomings in Northgate mall analysis



An architectural rendering of the proposed redevelopment of the Mall at Northgate in San Rafael. Developers are seeking 1,422 new homes at the 45-acre site. MERLONE GEIER PARTNERS



The Northgate mall in 2022. The redevelopment plan for the property includes a proposed 50,000-square-foot town square gathering space at the center of the complex. ALAN DEP — MARIN INDEPENDENT JOURNAL

BY ADRIAN RODRIGUEZ

ARODRIGUEZ@MARINIJ.COM

Critics of the proposed redevelopment of the Northgate mall in San Rafael say a draft environmental impact report of the project failed to fully consider disruptions on the community.

Residents said the project, which proposes a mix of 1,422 new homes with shops and restaurants, would create more severe disturbances in areas of traffic, noise, emissions and emergency access than the report suggests.

Addressing the San Rafael Planning Commission at a public hearing on Feb. 13, residents urged officials to take a closer look as it prepares the final environmental impact report. The report is a project study required by the California Environmental Quality Act.

“I support mixed-use redevelopment of the mall with housing. I think it’s the right thing,” said Shirley Fischer, a longtime resident and member of the nonprofit Responsible Growth in Marin. “But there are a number of environmental impacts that need to be mitigated.”

Chief among the concerns is traffic. The draft analysis compares the proposed project against a baseline, which in this case assumes a fully leased mall. Critics said that is an unfair comparison, specifically as it relates to measuring the total daily trips to and from the mall by employees and shoppers versus the possible sum of future tenants, shoppers and employees.

Citizens also said the draft EIR does not consider nearby infrastructure projects, such as a proposed roundabout at the northbound Highway 101 offramp interchange at the Manuel T. Freitas Parkway.

The session was designed for planners to collect comments only on the draft EIR. Comments can still be submitted in writing through 5 p.m. March 5. More information is at cityofsanrafael.org/northgate-town-square-rev/.

Mall owners Merlone Geier propose that the 20-year construction project proceed in two phases on the 45-acre site west of Highway 101.

Phase one would include the construction of 822 apartments in three buildings and another 100 for-sale townhomes. One building would house 96 designated low-income apartments.

Phase two, which is planned for 2040, would include one five-story building with 251 apartments and one seven-story building with 249 apartments. There would be 51 affordable residences in the two buildings.

Greenhouse gas emissions and noise generated by the project would be “significant and unavoidable,” according to the draft EIR. The report concluded that trimming 63 homes from the 1,422-home plan and redistributing the below-market rate residences throughout the complex could lessen those disturbances. The diminished version of the plan is called the “reduced residential alternative” in the report.

The report faulted the project for failing to meet requirements of the Bay Area Air Quality Management District to ban the use of natural gas. The project seeks to use natural gas lines for commercial kitchens and fire pits.

However, the city determined that banning natural gas would be inconsistent with its municipal code, which allows the energy source for commercial kitchens.

Resident Bill Carney, chair of the Sustainable San Rafael environmental advocacy group, said the final EIR needs to “correct and reverse the draft EIR finding that Northgate’s greenhouse gas impacts are quote, unavoidable.”

Carney said the project could do without those gas appliances in commercial kitchens and instead use non-polluting induction appliances that offer precise control of heat.

“The developer statement that this superior cooking technology is infeasible needs to be scrutinized and corrected in the final EIR,” Carney said.

The report also said that noise levels generated by heating, ventilation and air conditioning systems might exceed the city’s noise ordinance threshold. Noise reduction efforts might not be able to completely reduce the sound.

The report identified impacts to cultural resources, geology and soils, hydrology and water quality, hazards and hazardous materials, transportation, air quality and utilities. The effect in these areas could be reduced to “less than significant” if the contractor and developer follow recommended mitigations to offset the impact.

The draft report says the preferred “reduced development alternative” could also lessen greenhouse gas emissions by reducing the population and vehicle miles traveled, which would in effect also reduce noise.

San Rafael resident Claire Halenbeck had other concerns about traffic generated by planned restaurants and the emissions from vehicles that come with it.

“Please, please, please eliminate the drive-thru restaurants,” Halenbeck said. “They will bring traffic that comes and idles their cars and leaves.”

Several residents also said they had problems with the planned 50,000-square-foot town square gathering space at the center of the complex that is part of phase one of the project.

Some said it was too small and not appropriate for the number of residents, while others said the purpose of the space, which includes special events that would attract visitors and generate more traffic and lots of noise, is too intense for

the quiet Terra Linda neighborhood.

Others said they were distressed about safety in the event of an emergency.

“We’re deeply concerned about the evacuation routes, because we only have a two-lane road surrounding the mall,” said Bobbi Ryals, who is chair of the emergency preparedness and safety committee at Quail Hill, a complex behind the mall.

“The DEIR is a thorough examination of Northgate’s evolution from a car-centric, regional mall to a people-oriented town center with a mix of housing, retail, and outdoor amenities,” Ross Guehring, a project representative, said in an email after the meeting.

“Over the past three years, we’ve continued to engage with the community and have welcomed public feedback on this transformative project,” he said. “The comment period for the draft environmental analysis represents yet another opportunity to receive this essential input. We appreciate the fact that this proposed project is a significant change for the community and remain committed to working with the city to address all of the questions and comments.”

At the meeting, the Planning Commission authorized staff to compile the feedback and make appropriate revisions to be incorporated in a final environmental impact report. The report is expected to be released this spring.

MOUNT TAM WATERSHED

Water district, firefighters combine to reduce danger

Agreement can help prevent wildland blazes



Fidel Tupul uses a chainsaw to cut dead branches in the Mount Tamalpais watershed near Sky Oaks Road in Fairfax. He was on a crew contracted by the Marin Wildfire Prevention Authority to reduce fire fuels near residences. PHOTOS BY ALAN DEP — MARIN INDEPENDENT JOURNAL, FILE



A sign alerts visitors to the wildfire risk at the entrance to the Mount Tamalpais watershed in Fairfax.

BY ADRIAN RODRIGUEZ

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The Marin Municipal Water District is enlisting the services of county firefighters to help build a wildfire defense in the Mount Tamalpais watershed.

Under a new agreement, the county's Tamalpais Crew and the Fire Innovation, Recruitment and Education Foundry, known as the FIRE Foundry, have been tapped to support the district, its contractors and other partners to reduce the fire risk and enhance the watershed ecosystem.

The Tamalpais Crew is a specialized land management team, and the FIRE Foundry is a program with the College of Marin designed to bring more women and people of color into the firefighting workforce.

The district aims to tackle vegetation management on about 1,500 acres, said Shaun Horne, watershed resources manager.

"We're really dependent on contract crews to support our internal staff in doing this work," Horne said. Teaming up with the county fire crews "is really just adding capacity to how we do it and allowing the district to invest in workforce development efforts countywide."

The memorandum of understanding with the Marin County Fire Department was approved at the water district board meeting Feb. 13. The approval renews a mutual benefit agreement between the agencies through 2031. The original agreement expired two years ago.

According to the memorandum, the rates for service include \$8,789 per day for the Tamalpais Crew, a 10- to 12-person team, and \$2,377 a day for FIRE Foundry work.

Primarily, the district partners with the CalforConservation Corps North Bay on fire prevention efforts.

In its search for contractors, the district has asked for bid on a three-year contract worth about \$1.03 million. The board is expected to award the contract after bids are reviewed next month.

All partner and contract land management teams are assigned jobs specified in the district's "biodiversity, fire and fuels integrated plan" that was adopted in 2019.

Horne said One Tam, a partnership involving the National Park Service, California State Parks, the Marin Municipal Water District, Marin County Parks and the Golden Gate National Parks Conservancy, is seeking about \$14 million worth of grants for work around Mount Tamalpais. Of that, \$6.8 million will support projects outlined in the district's fire fuels plan.

Tasks include invasive broom management, pile burning, prescribed burns, forest restoration, fuel reduction, fuel break construction and maintenance and more, Horne said.

Having the TAM Crew onboard is instrumental, Horne said.

"As we continue to do fuel reduction, specifically our forest restoration work, we're generating a lot of piles on the watershed," Horne said. "This is the type of crew that we really need in order to complete those projects to get the overall benefit that we're trying to do."

Carl Sanders, the district's natural resources program manager, said that over the years, some piles have been left unburned either because they're too wet or because officials are restricted by mandated "spare the air days" for regional smog management.

"We have less days each year, so I'm trying to concentrate that work," Sanders said.

Members of the water board said they're excited to move forward.

"These folks are ready to go," board member Matt Samson said of the county fire crews. "I just can't reiterate enough, let's get them going right away because we never know what the fire season's going to do and we have way too many piles in the watershed."

"We have to get our lands ready to receive good fire, and the faster we can do that, the happier I'm going to be," he said.

"We never know when we are going to be faced with a really dangerous wildfire season," board member Monty Schmitt said. "Everything we can do right now to be prepared is going to be deeply appreciated when we are next facing hot, dry conditions."

CONNOLLY

Bill attempts to restore home solar incentives

Legislation would repeal disputed CPUC decision

BY RICHARD HALSTEAD

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Assemblyman Damon Connolly has introduced a bill to reinstate higher incentives for Californians who install residential solar projects.

“The removal of incentives that have helped offset the cost of solar installation has had severe consequences on our ability to generate clean energy,” Connolly, D-San Rafael, said in a statement announcing the legislation.

In 2022, the California Public Utilities Commission, for the third time, changed the “net energy metering” solar tariff, or NEM, that determines how much money owners of residential solar systems are reimbursed by utilities for the electricity they produce.

Under what has come to be known as NEM 3.0, which took effect April 15, the rate is about 75% lower than under NEM 2.0.

“The NEM 3.0 decision has clearly disincentivized clean energy adoption with rooftop solar sales down between 66% to 83% and thousands of workers left without good-paying jobs,” Connolly said.

Connolly’s legislation, Assembly Bill 2619, would repeal the CPUC’s decision and require it to create a new rule structure based on the clean energy goals set by Senate Bill 100, which committed the state to achieving 100% clean carbon-free energy by 2045.

Increased use of solar power has long been viewed as a key strategy for meeting the state’s requirement. The California Energy Commission has projected that large-scale and rooftop solar will provide more than half of the state’s power by 2045.

Connolly’s bill would require the CPUC to generate a new tariff to “achieve an annual rate of installation of solar renewable electrical generation facilities that is sufficient to meet the state’s anticipated need for customer-side solar generation resources.”

The law also would mandate that the tariff “ensure that the annual rate of installation of renewable electrical generation facilities in disadvantaged communities is reasonably comparable to the statewide annual rate.”

No details have been provided regarding how this might be achieved or what the new tariff might be.

To bolster his argument for rolling back NEM 3.0, Connolly cites state reports showing that demand for solar installations has declined 90% since 2022. He also cites an analysis by Wood Mackenzie, a research firm, estimating that under NEM 3.0, the residential solar market will be cut in half by this year.

Forty-three percent of the respondents to a survey conducted by the California Solar and Storage Association in November said they would struggle to remain in business over the winter.

Brian and Amy Atchley, who operate Amy’s Roofing and Solar in Petaluma, said their business plummeted after NEM 3.0 took effect in April.

Brian Atchley said residential solar operators used to be paid the same amount for the energy they produced as they paid for electricity from Pacific Gas & Electric Co. Now, he said, they get about 6 cents per kilowatt hour for their electricity and have to pay about 40 to 48 cents for every kilowatt hour they get from PG&E.

He said this means it takes longer for solar projects to pay for themselves and makes it harder to finance them, especially in combination with today's high interest rates.

Severin Borenstein, a business professor at the University of California, Berkeley, said the proposed legislation would subsidize residential solar operators by raising electricity prices on everyone else.

"Making other ratepayers pay for it is a hugely regressive tax," Borenstein said. "Those other ratepayers are poorer than the people who are putting in solar."

Borenstein also said there other reasons for the steep decline in residential solar installations, such as fading memories of the state's power outages from massive wildfires.

Mark Toney, director of the Utility Reform Network, said, "I look forward to working with the author and the committee to discuss the consequences of this bill, particularly for renters and low-income homeowners who aren't able to have solar."

Robert Archer of Ross, a former energy adviser for the U.S. Agency for International Development, said that the CPUC's rationale for altering the subsidy for residential solar projects was sound.

"The rooftop solar contribution in the afternoon was less and less useful because the peak demand had shifted to 5 p.m. to 9 p.m.," Archer said. "Therefore the CPUC shifted the subsidies to incentivize battery storage."

Announcing the NEM 3.0 decision in 2022, CPUC Commissioner John Reynolds said, "The future needs a solar program designed around the value of solar to the grid and one that encourages true carbon reductions at peak energy times, which is after the sun goes down, by creating better incentives for customers to pair solar with batteries."

Borenstein said, "If people put in batteries, the economics of installing solar are probably stronger now than they were in 2019."

But Brian Atchley said that "batteries double the upfront cost for the customer." He said a higher percentage of his solar customers include batteries in their projects, but he is installing fewer batteries overall because he is doing fewer solar projects.

Amy Atchley said solar projects accounted for more than half of the company's business prior to NEM 3.0, and now they are well under 50%. She said the company has had to reduce the size of the staff accordingly.

Mike Gazda, a spokesperson for PG&E, said, "We are reviewing the proposed legislation and remain committed to a fair and equitable clean energy future for all Californians."

Jenna Tenney, a spokesperson for MCE, the nonprofit formerly known as Marin Clean Energy, said it had no comment on the legislation.

County names new top official

Novato High grad has held various city posts

BY RICHARD HALSTEAD

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Derek Johnson, city manager of San Luis Obispo, has been selected to serve as Marin's new county executive.

Johnson will succeed Marin County's longstanding top administrator Matthew Hymel, who is retiring at the end of March.

"Returning to Marin County, where my family roots run deep, and having the privilege to serve its residents, has been a lifelong aspiration," said Johnson in a statement.

Both of Johnson's maternal grandparents were officers in the United States military.

"They both served in the Pacific theater," Johnson said. "My grandfather came back and was assigned to Hamilton Air Force Base. I grew up in the same house my mom did."

Johnson, who said he is in his 50s, graduated from Novato High School before earning a bachelor's degree in environmental science from the University of California at Santa Barbara.

Beginning in November, the county conducted a nationwide talent search, and 57 people applied for the job. The candidate pool was whittled to seven who participated in interviews with community and government leaders, county department heads, and multiple rounds with the supervisors.

"Derek Johnson stood out among a very competitive candidate pool in that he had the right combination of experience, innovation, and enthusiasm to be the next leader of the county," said Dennis Rodoni, the current president of the Board of Supervisors, in a statement.

"The board was impressed with his achievements in strategic areas of focus for Marin, including housing and homelessness, climate sustainability, disciplined fiscal management, capital improvements, and equitable services," Rodoni said.

Johnson has served as the city manager of San Luis Obispo since September 2017.

Prior to that he was assistant city manager for just over two years and the city's community development director for nearly four years.

Johnson held several positions in city government before that. He served as the community development director of the city of Capitola from July 2010 to November 2011. He worked for the county of Santa Barbara from January 2006 to October 2010, mostly as director of the county's Office of Long Range Planning.

His first government job was serving as the general manager of the Isla Vista Recreation and Parks District for nearly a decade.

During Johnson's stint in San Luis Obispo, the city developed a homeless strategic plan, which involved opening a homeless services center, created its first mobile crisis unit and secured \$30 million in grants for additional supportive housing.

Johnson also played a role in the city's development of an economic strategic plan, a climate action plan, and a diversity, equity and inclusion strategic plan.

In addition to his bachelor's in environmental studies, Johnson has certifications in mediation, project management, and diversity, equity, and inclusion.

"Our diversity, equity, and inclusion strategic plan actually just went to the City Council on Tuesday night," Johnson said, "They unanimously adopted it."

Johnson said the plan looks at what the city is "doing internally to make sure that we're embracing inclusivity within our organization."

"We're also looking at the city writ large," he said, "and how to partner to make sure that there's the ability for diverse businesses to take root in our community."

Johnson said one of the biggest changes for him in coming to Marin will be the scope of the operations he will oversee. In San Luis Obispo, he oversees a \$200 million budget and 500 employees. Marin County has a \$783 million budget and a workforce of over 3,000 employees.

Johnson is making the transition just as the state is wrestling with a looming budget deficit that could result in state funding cuts to counties.

On Tuesday, the Legislative Analyst's Office revised its estimate of the 2024-25 shortfall upward to \$73 billion. When Gov. Gavin Newsom released his budget proposal in January, he pegged the deficit at \$38 billion.

"The LAO has rightly identified that tax receipts are coming in lower than anticipated," Johnson said.

"There could be some tough challenges ahead. My job will be to advise the Board of Supervisors on ways to make sure the budget balancing doesn't happen at the expense of Marin County residents."

Johnson said that while he lacks any academic background in economics, he has acquired a "keen understanding of municipal and government finance" on the job.

Johnson said that while he was working for the county of Santa Barbara the elected auditor-controller, Robert Geis, took him under his wing and helped him learn government finance.

He also said that he served as San Luis Obispo's interim finance director for two years while he was assistant city manager.

Johnson, however, said he may need some help from Marin County staffers in dealing with federal and state restricted funding that comes to the county to pay for a variety of mandated social services.

"That is an area that will need to come keenly into focus as the state looks at the pending structural deficit," Johnson said.

Marin County's Health and Human Services director, who oversees much of that restricted funding, is also new. The new director, Lisa Warhuus, started work on Tuesday.

Johnson, whose annual salary exclusive of benefits will be \$355,098, is scheduled to begin work in Marin on April 29.

Dan Eilerman, assistant county executive, will serve as interim county executive for approximately a month.

ENERGY COMMISSION DATA

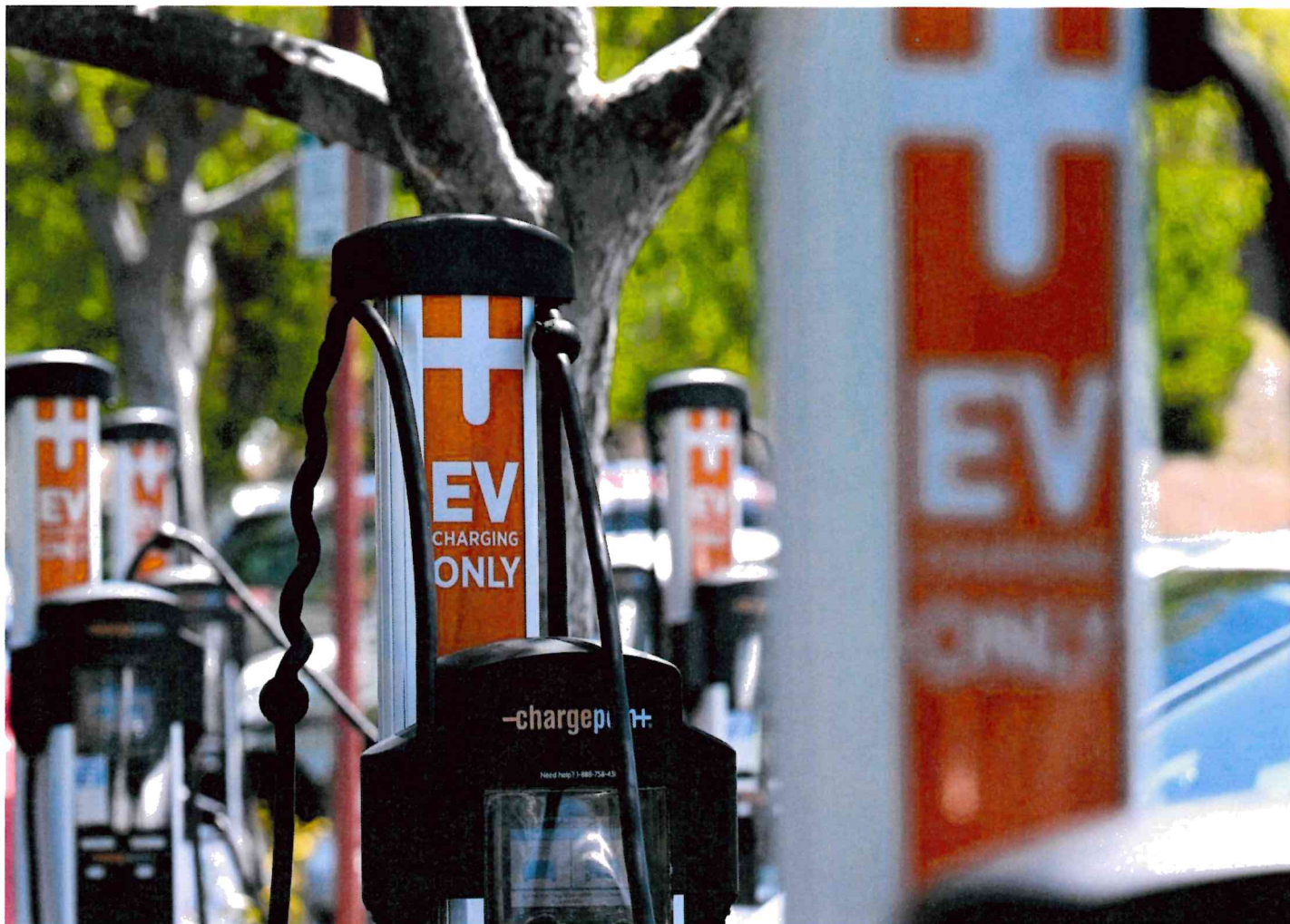
Marin among state leaders in sales of electric vehicles

Rate of purchases ranked 3rd among 58 California counties



Peg Malley of Kentfield adjusts the bike rack on her Tesla during an electric vehicle show in San Rafael. Zero-emissions vehicles comprised nearly four out of every 10 new light-duty vehicles registered in Marin last year.

SHERRY LAVARS — MARIN INDEPENDENT JOURNAL



Electric vehicle charging stations stand in the parking lot of the Civic Center in San Rafael. ALAN DEP — MARIN INDEPENDENT JOURNAL

BY GARY KLIEN

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Zero-emissions vehicles comprised nearly four out of every 10 new light-duty vehicles registered in Marin last year, giving the county one of the highest rates in California, according to new state data.

The market share for such vehicles in the county was 37.7%, the California Department of Motor Vehicles reported. The figure includes battery, plug-in hybrid or fuel cell electric vehicles.

The rate placed Marin at No. 3 among the 58 counties in the state, the California Energy Commission said. Santa Clara County had 42.4%, followed by Alameda County at 39.7%. San Francisco trailed Marin slightly at 37.4%.

Marin drivers bought 4,469 of the vehicles last year, up from 4,131 the prior year, the DMV reported. The Tesla Model Y eclipsed all other models in Marin, with 1,088 sales during the year.

Other popular zero-emission vehicles in Marin last year included the Tesla Model 3, with 544 sales; the Volkswagen ID.4, with 276 sales; the Rivian R1S, with 207 sales; the BMW i4, with 150 sales; and the Chevrolet Bolt EUV, with 115 sales.

Statewide, drivers bought 446,961 battery, plug-in hybrid or fuel cell electric vehicles in 2023, for a market share of 25%, the DMV reported. Sales increased from 345,818 the prior year.

Four ZIP codes in Marin County were in the top 50 statewide last year for rates of light-duty zero-emission vehicle purchases, according to the California Energy Commission. The market share for such vehicles was 48.7% for the Belvedere and Tiburon ZIP code, the 28th highest in the state. Ross was 32nd, with a 48.3% market share; San Anselmo was 33rd, at 48.2%; and Kentfield was 48th, at 46.1%.

Electric vehicle sales have risen steadily in Marin since 2010, when a mere 14 were sold, the DMV data show. The county broke the 1,000 mark in 2014; the 2,000 mark in 2018; the 3,000 mark in 2021; and the 4,000 mark in 2022.

“Marin County was an early adopter of electric vehicles, and we are pleased to see that Marin EV sales continue to trend well above the state average,” said Anne Richman, executive director of the Transportation Authority of Marin.

Dana Armanino, Marin County’s senior sustainability planner, said the zero-emission vehicle market “is really growing with more options for drivers.”

“And the increased sales highlights that more people are finding ZEVs that can fit their everyday driving needs while saving on fuel and maintenance costs,” Armanino said. “We have moved beyond the early adopters. ZEVs are now a mainstream option.”

California, aiming for major reductions in air pollution, plans to require that all new vehicle sales to be zero-emission models by 2035. The plan is under review by the U.S. Environmental Protection Agency.

While the price of some new electric vehicles has fallen, the average cost of an electric car was about \$52,000 late last year, out of the reach of most California households, the Sacramento Bee reported.

At the start of 2023, about 1.1 million electric, light-duty vehicles were on the road, comprising less than 4% of all light-duty vehicles registered in the state, according to the latest DMV data.

The nearly 447,000 new electric cars bought by Californians during 2023 will likely push the proportion of electric vehicles to around 5% of registrations, the Bee reported.

The Tribune Content Agency contributed to this report.

3/7/2024

CLOSED SESSION

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