



101 Lucas Valley Road, Suite 300  
San Rafael, CA 94903  
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www.LGVSD.org

**MANAGEMENT TEAM**  
General Manager, Mike Prinz  
Plant Operations, Mel Liebmann  
Collections/Safety/Maintenance, Greg Pease  
Engineering, Michael P. Cortez  
Administrative Services, Dale McDonald

**DISTRICT BOARD**  
Megan Clark  
Rabi Elias  
Craig K. Murray  
Judy Schriebman  
Crystal J. Yezman

The Mission of the Las Gallinas Valley Sanitary District is to protect public health and the environment by providing effective wastewater collection, treatment, and recycling services.

## **BOARD MEETING AGENDA**

**July 15, 2021**

*On March 12, 2020, Governor Newsom issued Executive Order N-25-20, which enhances State and Local Governments' ability to respond to COVID-19 Pandemic based on Guidance for Gatherings issued by the California Department of Public Health. The Executive Order specifically allows local legislative bodies to hold meetings via teleconference and to make meetings accessible electronically, in order to protect public health. In light of this, July 15, 2021 meeting of the LGVSD Board will be held via Zoom electronic meeting\*. There will be NO physical location of the meeting. Due to the current circumstances, there may be limited opportunity to provide verbal comments during the meeting. Persons who wish to address the Board for public comment or on an item on the agenda are encouraged to submit comments in writing to the Board Secretary (tlerch@lgsd.org) by 5:00 pm on Wednesday, July 14, 2021. In addition, Persons wishing to address the Board verbally must contact the Board Secretary, by email ([tlerch@lgsd.org](mailto:tlerch@lgsd.org)) and provide their Name; Address; Tel. No.; and the Item they wish to address by the same date and time deadline for submission of written comments, as indicated above. Please keep in mind that any public comments must be limited to 3 minutes due to time constraints. Any written comments will be distributed to the LGVSD Board before the meeting.*

*\*Prior to the meeting, participants should download the Zoom app at:*

*<https://zoom.us/download> A link to simplified instructions for use of the Zoom app is:*

*<https://blog.zoom.us/wordpress/2018/07/03/video-communications-best-practice-guide/>*

### **REMOTE CONFERENCING ONLY**

**Join Zoom Meeting online at:**

<https://us02web.zoom.us/j/82575912255>

**OR**

**By teleconference at: +16699009128 Meeting ID: 825 7591 2255**

**MATERIALS RELATED TO ITEMS ON THIS AGENDA ARE AVAILABLE FOR  
PUBLIC INSPECTION ON THE DISTRICT WEBSITE [WWW.LGVSD.ORG](http://WWW.LGVSD.ORG)**

**NOTE: Final board action may be taken on any matter appearing on agenda**

Estimated Time

**OPEN SESSION:**

3:30 PM

**1. 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.

3:35 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 June 17 and June 22, 2021
- B. Approve the Warrant List for July 15, 2021
- C. Approve Board Compensation for June 2021
- D. Approve Murray webinar attendance CWEA CASA June Covid-19 update June 30, 2021
- E. Approve Schriebman Conference attendance Annual WateReuse (Virtual) September 19-21, 2021
- F. Approve Award of On-Call Contract for Construction Projects (2021-2023)
- G. Approve Orders Regarding Publication of Ordinance 186 and 187

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

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

3:45 PM

**3. INFORMATION ITEMS:**

STAFF/CONSULTANT REPORTS:

- 1. General Manager Report – Verbal
- 2. Exit Interview Process
- 3. Administration and Engineering Department Reports

4:45 PM

**4. OPERATIONS CONTROL CENTER BUILDING SITE SELECTION**

Board and Staff to discuss the Operations Control Building Site Selection.

6:00 PM

**5. VOTING AT CALIFORNIA ASSOCIATION OF SANITATION AGENCIES (CASA) CONFERENCE FOR BOARD OF DIRECTOR CANDIDATES AND NEW DUES RESOLUTION**

Board to determine CASA voting member representative and two alternatives and vote on CASA dues resolution.

6:15 PM

**6. 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.

6:20 PM

**7. BOARD MEMBER REPORTS:**

- 1. CLARK
  - a. NBWA Board Committee, NBWA Conference Committee, 2021 Operations Control Center Ad Hoc Committee, 2021 Employee Climate Survey Ad Hoc Committee, Other Reports
- 2. ELIAS
  - a. NBWRA, Ad Hoc Engineering Committee re: STPURWE, 2021 GM Evaluation Ad Hoc Committee, 2021 Operations Control Center Ad Hoc Committee, Other Reports
- 3. MURRAY
  - a. Marin LAFCO, CASA Energy Committee, 2021 GM Evaluation Ad Hoc Committee,
  - b. 2021 Employee Climate Survey Ad Hoc Committee, 2021 Legal Services Ad Hoc Committee, Marin Special Districts Association, Other Reports
- 4. SCHRIEBMAN
  - a. Gallinas Watershed Council/Miller Creek Watershed Council, JPA Local Task Force NBWA Tech Advisory Committee, Other Reports
- 5. YEZMAN
  - a. Flood Zone 7, CSRMA, Ad Hoc Engineering Committee re: STPURWE Engineering Subcommittee, 2021 Legal Services Ad Hoc Committee, Other Reports

6:35 PM

**8. BOARD REQUESTS:**

- A. Board Meeting Attendance Requests – Verbal
- B. Board Agenda Item Requests – Verbal
- C. Pending Board Agenda Item Requests
  - i. INFORMATION - Pump Station Vegetation and Safety Report
  - ii. INFORMATION – Marsh Pond Long Term Vegetation Management Comments
  - iii. ACTION - Relocation Assistance Act Policy for Real Estate Acquisitions
  - iv. ACTION – Parliamentary meeting Procedures
  - v. ACTION – Board Policies regarding Resolutions
  - vi. ACTION – Strategic Plan Workshop

6:40 PM

**9. VARIOUS INDUSTRY RELATED ARTICLES**

6:45 PM

**10. ADJOURNMENT**

**FUTURE BOARD MEETING DATES: JULY 19, AUGUST 5, AND AUGUST 19, 2021**

AGENDA APPROVED:	Megan Clark, Board Vice-President	David Byers, Legal Counsel
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**CERTIFICATION:** I, Teresa Lerch, District Secretary of the Las Gallinas Valley Sanitary District, hereby declare under penalty of perjury that on or before July 12, 2021 3:30 p.m., I posted the Agenda for the Board Meeting of said Board to be held July 15, 2021 at the District Office, located at 101 Lucas Valley Road, Suite 300, San Rafael, CA.

DATED: July 8, 2021

  
Teresa L. Lerch  
District Secretary

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

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

## AGENDA ITEM 1

**7/15/2021**

### **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.**

**MINUTES OF JUNE 17, 2021**

THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT MET IN OPEN SESSION BY ZOOM CONFERENCE ON JUNE 17, 2021, AT 3:32 PM AND STAFF BY ZOOM CONFERENCE AT THE DISTRICT OFFICE, 101 LUCAS VALLEY ROAD, SUITE 300 CONFERENCE ROOM, SAN RAFAEL, CA. 94903

- BOARD MEMBERS PRESENT:** (By Roll Call): M. Clark, R. Elias, C. Murray, J. Schriebman, C. Yezman.
- BOARD MEMBERS ABSENT:** None
- STAFF PRESENT:** Mike Prinz , General Manager; Teresa Lerch, District Secretary; Dale McDonald, District Treasurer; Mel Liebmann, Plant Manager; Mike Cortez, District Engineer;
- OTHERS PRESENT:** Pat Richardson, District Counsel; Shawn Koorn HDR;
- ANNOUNCEMENT:** President Elias announced that the agenda had been posted as evidenced by the certification on file in accordance with the law.
- 1. PUBLIC COMMENT:** None.

- 2. RESOLUTION NO. 2021-2217– A RESOLUTION CERTIFYING THAT LEGAL NOTICE HAS BEEN GIVEN FOR THE HEARING ON THE SEWER SERVICE CHARGE RATE INCREASES FOR THE FISCAL YEAR 2021-22 AND FISCAL YEAR 2022-23 AND RESOLUTION NO. 2021-2218 – A RESOLUTION CERTIFYING THAT LEGAL NOTICE HAS BEEN GIVEN FOR THE HEARING ON THE BUDGET FOR THE FISCAL YEAR 2021-22**

**ACTION:**

Board approved (M/S Murray/Schriebman 5-0-0-0) Resolution No. 2021-2217 – A Resolution Certifying that Legal Notice Has Been Given for the Hearing on the Sewer Service Charge Rate Increases for the Fiscal Year 2020-21 and Fiscal Year 2022-23.

Roll Call:

AYES: Clark, Elias, Murray, Schriebman and Yezman.  
NOES: None.  
ABSENT: None.  
ABSTAIN: None.

Board approved (M/S Schriebman/Murray 5-0-0-0) Resolution No. 2021-2218 – A Resolution Certifying that Legal Notice has been Given for the Hearing on the Budget for the Fiscal Year 2021-22.

Roll Call:

AYES: Clark, Elias, Murray, Schriebman and Yezman.  
NOES: None.  
ABSENT: None.  
ABSTAIN: None.

**3. PUBLIC HEARING - SEWER SERVICE CHARGE RATE INCREASE: A HEARING TO CONSIDER RAISING THE ANNUAL SEWER SERVICE CHARGE FOR THE NEXT TWO YEARS CONSISTENT WITH REQUIREMENTS OF THE GOVERNMENT CODE 54954.6**

- A. **OPEN PUBLIC HEARING** – President Yezman opened the public hearing at 3:36 P.M.
- B. **RATE INCREASE PRESENTATION** – Shawn Koorn from HDR presented a summary on the Sewer Rate Study Report presented in April regarding service charge rate increases for Fiscal Year 2021-22 and 2022-23. The proposed increases are: Fiscal year 2021-22, not to exceed \$1,055 and Fiscal Year 2022-23, not to exceed \$1,150. McDonald provided a Treasurer's report and included alternatives that would reduce the impact a sewer service charge increase would have on its customers.
- C. **REVIEW DISTRICT STAFF RECOMMENDATIONS** – Board considered staff recommendations to increase sewer service charges.
- D. **BOARD COMMENT** – Discussion ensued.
- E. **PUBLIC COMMENT** – One member of the public addressed the Board with comments.
- F. **CLOSE THE PUBLIC HEARING** – President Yezman closed the Public Hearing at 4:45 P.M. Director Elias stated -We have been working on the budget for a few months now. Thank you, Dale, for putting it all together. Thank you, Mike Cortez, for a good job on the project and hopefully it will come in on budget. I am happy with the Budget the way it is.

**ACTION:**

District Counsel stated the following:

In considering a Motion for adoption of the sewer service charge rate increase the Board hereby finds that action to adopt said sewer service charge rate increase is supported by substantial evidence as contained in the administrative record as follows:

1. That there is substantial evidence, based upon the Sewer Rate Methodology and Connection Fee study prepared by HDR Engineering, Inc. and adopted by the Board on April 15, 2021, and the budget analysis conducted by District staff for the 2021-2022 fiscal year, both of which are available for inspection at the District's website and are incorporated by reference herein, and the Agenda Summary Report prepared by District staff along with supporting documentation; and
2. That the evidence supports a finding that the revenues derived from the proposed sewer service rate increase does not exceed the funds required to provide the District's property related services.; and
3. That the evidence supports a finding that revenues derived from the proposed sewer service rate increase is not for a purpose other than the services provided by the District; and
4. That the evidence supports a finding that the revenues derived from the proposed sewer service rate increase imposed on any parcel or person does not exceed the proportional cost of the District's services attributable to the parcel; and
5. That the evidence supports a finding that the revenues derived from the proposed sewer service rate increase is only imposed for District service's that are actually used or immediately available to the owner of the property in question; and
6. That the Board has heard and considered all public comment regarding the proposed sewer service rate increase and takes note that it received only Thirteen (13) Protest letters against the proposed rate increase; and
7. That these findings and the entirety of the Administrative Record are consistent with Article 13D, Sec. 6 of the California Constitution and Government Code Section 53750 through 53758.

Board approved (M/S Schriebman/Yezman 4-1-0-0) the findings above and the Sewer Service Charge Rate Increases to \$1,029. (6.34%) for 2021-22 and \$1,122. (9%) for 2022-23.

Roll Call:

AYES: Elias, Murray, Schriebman and Yezman.  
NOES: Clark.  
ABSENT: None.  
ABSTAIN: None.

**4. PUBLIC HEARING – ORDINANCE NO. 187 AMENDING TITLE 3, CHAPTER 1 – SANITARY CODE OF THE LAS GALLINAS VALLEY SANITARY DISTRICT**

- A. **OPEN PUBLIC HEARING** – President Yezman opened the public hearing at 4:57 P.M.
- B. **REVIEW DISTRICT STAFF RECOMMENDATIONS** – Board considered staff recommendation to adopt Ordinance 187 to reflect the increase in sewer service charges effective July 1, 2021, through June 30, 2023 amending Title 3, Chapter 1 Sanitary Code of the Las Gallinas Valley Sanitary District.
- C. **PUBLIC COMMENT** – No members of the public addressed the Board with comments.
- D. **BOARD COMMENT** – Discussion ensued
- E. **CLOSE THE PUBLIC HEARING** – President Yezman closed the Public Hearing at 4:58 P.M.

**ACTION:**

Board approved (M/S Schriebman/Yezman 5-0-0-0) Ordinance 187, Amending Title 3, Chapter 1 Sanitary Code of the Las Gallinas Valley Sanitary District setting the annual sewer service unit at \$1,029 for FY 2021/22 and \$1,122 for FY 2022/23 and made a finding that the proposed action is consistent with the requirements of Proposition 218.

Roll Call:

AYES: Clark, Elias, Murray, Schriebman and Yezman.  
NOES: None.  
ABSENT: None.  
ABSTAIN: None.

**5. PUBLIC HEARING – BUDGET FOR THE 2021-22 FISCAL YEAR**

- A. **OPEN PUBLIC HEARING** – President Yezman opened the public hearing at 5:00 P.M.
- B. **BUDGET 2021-21 PRESENTATION** - District staff presented the following proposed budget for the fiscal year July 1, 2021 to June 30, 2022:
  - a. Revenue
  - b. Operating and Maintenance
  - c. Reserves
  - d. Debt Service
  - e. Capital Outlay
- C. **REVIEW DISTRICT STAFF RECOMMENDATIONS** – Board considered staff recommendation to approve the budget including implementing alternatives presented in the Agenda Summary Report. District Treasurer presented alternative rate stabilization and use of capital carryover funding to provide revenue needed to offset the reduced sewer service charge increase of 6.34%.

Director Elias left at 5:41 PM.

- D. **PUBLIC COMMENT** – No members of the public addressed the Board.
- E. **BOARD COMMENT** – The Board discussed the proposed Budget.
- F. **CLOSE THE PUBLIC HEARING** – President Yezman closed the Public Hearing at 6:05 P.M.

**ACTION:**

Board approved (M/S Schriebman/Murray 4-0-1-0) the Budget for the 2021-22 Fiscal Year as amended.

Roll Call:

AYES: Clark, Murray, Schriebman and Yezman.  
NOES: None.  
ABSENT: Elias  
ABSTAIN: None.



**6. RESOLUTIONS**

**ACTION:**

Board approved (M/S Schriebman/Murray 4-0-1-0) Resolution No. 2021-2219– A Resolution Confirming the Annual Sewer Service Charge and Supplemental Service Charges for the Las Gallinas Valley Sanitary District for the Fiscal Years 2021-22 and 2022-23 and Providing for the Collection of Sewer Service Charges on the Tax Roll.

Roll Call:

AYES: Clark, Murray, Schriebman and Yezman.  
NOES: None.  
ABSENT: Elias  
ABSTAIN: None.

**ACTION:**

Board approved (M/S Murray/Schriebman 4-0-1-0) Resolution No. 2021-2220– A Resolution Fixing and Approving the Budget for the Fiscal Year 2021-22.

Roll Call:

AYES: Clark, Murray, Schriebman and Yezman.  
NOES: None.  
ABSENT: Elias  
ABSTAIN: None.

**ACTION:**

Board approved (M/S Murray/Yezman 4-0-1-0) Resolution No. 2021-2222 – A Resolution Determining the 2021-22 Appropriation of Tax Proceeds

Roll Call:

AYES: Clark, Murray, Schriebman and Yezman.  
NOES: None.  
ABSENT: Elias  
ABSTAIN: None.

**ACTION:**

Board approved (M/S Schriebman/Murray 4-0-1-0) Resolution No. 2021-2223 – A Resolution Requesting Allocation of Taxes for the Fiscal Year 2021-22.

Roll Call:

AYES: Clark, Murray, Schriebman and Yezman.  
NOES: None.  
ABSENT: Elias  
ABSTAIN: None.

**7. 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 June 3, 2021
- B. Approve the Warrant List for June 17, 2021
- C. Approve Board Compensation for May, 2021

**ACTION:**

Board approved (M/S Schriebman/Murray 4-0-1-0) the Consent Calendar items A through C.

Roll Call:

AYES: Clark, Murray, Schriebman and Yezman.  
NOES: None.  
ABSENT: Elias  
ABSTAIN: None.

**8. INFORMATION ITEMS:**

**STAFF / CONSULTANT REPORTS:**

1. General Manager Report – Verbal – Prinz reported. Schriebman asked that an HR update be brought back to the Board.

**9. EMPLOYEE CLIMATE SURVEY CONTRACT AWARD**

This item was moved to the next Board Meeting.

**ACTION:**

Board approved (M/S Yezman/Murray-0-0-0) moving Board Agenda items 9, 12, 13 and 14 to the next Board meeting.

**Roll Call:**

AYES: Clark, Murray, Schriebman and Yezman.  
NOES: None.  
ABSENT: Elias  
ABSTAIN: None.

**10. EMPLOYMENT AGREEMENTS FOR UNREPRESENTED EMPLOYEES**

Board reviewed the contract extensions for the unrepresented employees.

**ACTION:**

Board approved (M/S Murray/Yezman 4-0-1-0) the Contract Extensions for the General Manager, Administrative Services Manager, Collections System/Safety/Maintenance Manager, District Engineer, Plant Manager and Administrative Financial Specialist.

**Roll Call:**

AYES: Clark, Murray, Schriebman and Yezman.  
NOES: None.  
ABSENT: Elias  
ABSTAIN: None.

**11. PUBLIC COMMENT - None**

**12. BOARD MEMBER REPORTS – moved to the next Board Meeting.**

**13. BOARD REQUESTS – moved to the next Board Meeting.**

**14. VARIOUS ARTICLES AND MISCELLANEOUS DISTRICT CORRESPONDENCE- moved to the next Board Meeting.**

**15. ADJOURNMENT:**

**ACTION:**

Board approved (M/S Schriebman/Yezman 4-0-1-0) the adjournment of the meeting at 6:58 pm.

Roll Call:

AYES: Clark, Murray, Schriebman and Yezman.

NOES: None.

ABSENT: Elias

ABSTAIN: None.

The next Board Meeting is scheduled for June 22, 2021.

ATTEST:

\_\_\_\_\_  
Teresa Lerch, District Secretary

APPROVED:

\_\_\_\_\_  
Megan Clark, Vice President

SEAL

## MEETING MINUTES OF JUNE 22, 2021

THE BOARD OF DIRECTORS AND STAFF OF THE LAS GALLINAS VALLEY SANITARY DISTRICT MET IN OPEN SESSION BY ZOOM CONFERENCE ON JUNE 22, 2021 AT 8:03 AM AT THE DISTRICT OFFICE, 101 LUCAS VALLEY ROAD, SUITE 300, SAN RAFAEL, CALIFORNIA.

- BOARD MEMBERS PRESENT:** M. Clark, R. Elias, C. Murray (by telephone), J Schriebman and C. Yezman
- BOARD MEMBERS ABSENT:** None
- STAFF PRESENT:** Mike Prinz, General Manager; Teresa Lerch, District Secretary; Dale McDonald, Administrative Services Manager; Irene Huang, Associate Engineer;
- OTHERS PRESENT:** Pat Richardson, District Counsel; Fani Hansen, DHA, as a member of the public
- ANNOUNCEMENT:** President Yezman that the agenda had been posted as evidenced by the certification on file in accordance with the law
- 1. PUBLIC COMMENT:** None

### 2. EMPLOYEE CLIMATE SURVEY CONTRACT AWARD

Board considered approving the Employee Climate Survey Contract Award to FutureSense.

#### **ACTION:**

Board approved (M/S Clark/Schriebman 5-0-0-0) the proposed contract with FutureSense to conduct an Employee Climate Survey.

AYES: Clark, Elias, Murray, Schriebman and Yezman

NOES: None.

ABSENT: None.

ABSTAIN: None.

President Yezman appointed a 2021 Employee Climate Survey Ad Hoc Committee consisting of Megan Clark and Craig Murray. Clark will be Chairperson,

### 3. HYBRID OPERATIONS CONTROL CENTER ALTERNATIVE

Board discussed a Hybrid Operations Control Center (OCC) alternative for the OCC Project. President Yezman suggested the Board get through the Site Selection first then revisit this item at a future meeting.

### 4. BOARD MEMBER REPORTS:

#### 1. CLARK

- a. NBWA Board Committee –no report
- b. NBWA Conference Committee – no report
- c. 2021 Operations Control Center Ad Hoc Committee – verbal report.
- d. Other Reports–no report

#### 2. ELIAS

- a. NBWRA– verbal report
- b. Ad Hoc Engineering Committee—no report
- c. Ad Hoc 2021 GM Evaluation Committee – no report
- d. 2021 Operations Control Center Ad Hoc Committee – verbal report
- e. Other Reports– no report

3. MURRAY

- a. Marin LAFCo – verbal report
- b. CASA Energy Committee– no report
- c. Ad Hoc 2021 GM Evaluation Committee – no report
- d. 2021 Legal Services Ad Hoc Committee – no report
- e. Marin County Special Districts Association – no report
- f. Other Reports – no report

4. SCHRIEBMAN

- a. Gallinas Watershed Council/Miller Creek Watershed Council– verbal report
- b. JPA Local Task Force– no report
- c. NBWA Tech Advisory Committee– no report
- d. Other Reports- no report

5. YEZMAN

- a. Flood Zone 7– no report
- b. CSRMA– no report
- c. Ad Hoc Engineering Committee– no report
- d. 2021 Legal Services Ad Hoc Committee – no report
- e. Other Reports–no report

5. BOARD REQUESTS:

- A. Board Meeting Attendance Requests – Schriebman wants to attend Annual WaterReuse Conference.
- B. Board Agenda Item Requests – Schriebman requested the HR update be on the next agenda.

6. VARIOUS ARTICLES AND MISCELLANEOUS DISTRICT CORRESPONDENCE:

Discussion ensued.

7. ADJOURNMENT:

**ACTION:**

Board approved (M/S Schriebman/Clark 5-0-0-0) the adjournment of the meeting at 9:43 am.

AYES: Clark, Elias, Murray, Schriebman and Yezman.

NOES: None.

ABSENT: None.

ABSTAIN: None.

The next Board Meeting is scheduled for July 1, 2021 3:30 PM at the District Office.

ATTEST:

\_\_\_\_\_  
Teresa Lerch, District Secretary

APPROVED:

\_\_\_\_\_  
Megan Clark, Board Vice-President

SEAL

Las Gallinas Valley Sanitation District  
Warrant List 7/15/2021 DRAFT

*Agenda Item 28*  
*Date July 15, 2021*

	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for items
1	7/15/2021	EFT1	ADP Payroll	106,555.47		106,555.47	7/2/2021 Payroll & Processing Charges
2	7/15/2021	ACH	A&P Moving & Storage	84.70		84.70	Records Retention - July
3	7/15/2021	N/A	Albert A. Webb Associates	6,496.00		6,496.00	CEQA Support for Admin Building Site Selection
4	7/15/2021	N/A	All Star Rents	3,051.69		3,051.69	Lift, Boom Towable- 6/23 - 6/25, Bobcat Tractor - 6/21 - 6/25, Saw 7/2
5	7/15/2021	ACH	Alliant Insurance Services	8,001.00		8,001.00	Vehicle Policy Renewal 7/1/21 - 7/1/22
6	7/15/2021	N/A	Aramark Uniform Service	525.74		525.74	Laundry Services- Weeks 6/21 & 6/28
7	7/15/2021	ACH	ArcSine Engineering	210,393.72		210,393.72	STPURWE - Programming Support - Jan - May
8	7/15/2021	ACH	ArcSine Engineering	3,534.20		3,534.20	SCADA Support - Jan - May
9	7/15/2021	N/A	Bay Area Background Checks	126.00		126.00	New Hire Background Checks
10	7/15/2021	N/A	Baywork	765.00		765.00	Annual Membership- Consortium of Water & Wastewater Utilities
11	7/15/2021	ACH	Brown and Caldwell	1,530.18		1,530.18	Biogas Utilization Feasibility Study - 4/23 - 5/20 & 5/21 - 6/24
12	7/15/2021	ACH	Byers Law Office	9,900.00		9,900.00	Legal Services- June
13	7/15/2021	N/A	CALNET ( DBA AT&T)	801.37		801.37	Pump Stations
14	7/15/2021	EFT	CalPERS 475 Plan	6,178.00		6,178.00	EE's Deferred Comp Payment - Paydate 7/2/2021
15	7/15/2021	EFT	CalPERS CERBT-OPEB	11,630.00		11,630.00	Pre-Fund GASB Payment -July
16	7/15/2021	EFT	CalPERS Required Contribution	520.75		520.75	Annual Unfunded Accrued Liability
17	7/15/2021	EFT	CalPERS Retirement	19,621.01		19,621.01	EE & ER Payment to Retirement- Paydate 07/02/2021
18	7/15/2021	N/A	CD & Power	12,274.49		12,274.49	Delivery & Setup of 4- 40KW Generators for Possible PSPS Events
19	7/15/2021	ACH	Contractor Compliance and Monitoring	4,112.46		4,112.46	Labor Compliance- June
20	7/15/2021	ACH	Cruise Car	42,014.85		42,014.85	3-2 Passenger Electric Carts
21	7/15/2021	ACH	CSRMA	62,085.40		62,085.40	Property Insurance Premium - 7/1/21 - 6/30/2022
22	7/15/2021	ACH	CSRMA	72,891.00		72,891.00	Workers Compensation Pooled Deposit - 7/1/2021 - 6/30/2022
23	7/15/2021	ACH	Data Instincts	2,562.50		2,562.50	Provide Public Information & Awareness to LGVSD - April - June
24	7/15/2021	N/A	Dave Lehman Trucking Company	1,500.00		1,500.00	Reclamation Pump Station Improvements - Rock
25	7/15/2021	EFT	Direct Dental	400.52		400.52	Payment for Dental Plan
26	7/15/2021	ACH	Du-All Safety	13,628.00		13,628.00	Safety Maintenance & Training- June, Electrical Safety Class for Collections & Maintenance.
27	7/15/2021	ACH	Edelstein, Daniel	3,109.50		3,109.50	Canada Goose Project - May
28	7/15/2021	ACH	Elias, Rabi	200.00		200.00	Health Reimbursement -July
29	7/15/2021	ACH	EOA	7,286.68		7,286.68	Technical Assistance with Regulatory Permits - May

Las Gallinas Valley Sanitation District Warrant List 7/15/2021 DRAFT							
	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for items
30	7/15/2021	ACH	Gardeners Guild	1,123.00		1,123.00	Grounds Maintenance- July
31	7/15/2021	ACH	GHD	1,175.80		1,175.80	Terra Linda-Hwy 101 Sewer Crossing
32	7/15/2021	ACH	Grainger	1,084.72		1,084.72	Drum Pump, Misc Supplies
33	7/15/2021	N/A	GraphicSmiths	120.00		120.00	Internet Site Design - June
34	7/15/2021	ACH	Hanford ARC	6,927.50		6,927.50	LMC Revegetation Maintenance Services
35	7/15/2021	EFT	Ibank Loan	553,152.17		553,152.17	STPURWE Construction Loan Payment
36	7/15/2021	ACH	Inskeep, Stephen	139.84		139.84	Safety Boots
37	7/15/2021	N/A	JDB Systems	2,020.35		2,020.35	Smith Ranch Pump Station PLC Logic Programming
38	7/15/2021	ACH	JW Mobile Truck Repair Service	245.74		245.74	Hose Replacement
39	7/15/2021	ACH	Kennedy/Jenks	5,846.77		5,846.77	On-Call Contract for Inspection Services- May
40	7/15/2021	N/A	Kyocera Document Solutions	1,436.46		1,436.46	3 Qtr. Charges for Parts, Labor, Drum Kit & Toner
41	7/15/2021	N/A	Marin Ace	102.22		102.22	Utility Blade, Nozzle Twist, Utility Blade, Misc. Supplies
42	7/15/2021	ACH	Marin Independent Journal	841.80		841.80	Public Notice- Grit Screw Conveyor Systems Replacement Bid
43	7/15/2021	N/A	Marin Municipal Water District	4,658.64		4,658.64	Water Use at Plant and Pump Stations 4/17/21 - 6/18/21
44	7/15/2021	N/A	Marin Sanitary Service	2,623.00		2,623.00	10 Yard Debris Box, 10 Yard Dirt Boxes
45	7/15/2021	ACH	Murray, Craig	225.00		225.00	Health Reimbursement -July, Dental Reimbursement
46	7/15/2021	N/A	North Bay Petroleum	997.68		997.68	Chevron Delo Oil, Drum Deposit and Taxes
47	7/15/2021	N/A	North Valley Labor Compliance	187.50		187.50	Labor Compliance for LMC Revegetation Maintenance Services- June
48	7/15/2021	N/A	Okerkamper & Associates	3,120.00		3,120.00	Boundary & Topographic Survey @ Venetia Harbor Pump Station
49	7/15/2021	N/A	Pape Material Handling	2,164.47		2,164.47	Purchase- Telescoping Lift Boom
50	7/15/2021	N/A	Pacific Crest Group	195.00		195.00	HR Consulting Services
51	7/15/2021	N/A	Pacific Gas & Electric	5,750.81		5,750.81	Electricity for Pump Stations - 5/19/21 - 6/17/21
52	7/15/2021	N/A	Rafael Lumber	889.23		889.23	Boards, Rebar, Drywall, Misc. Supplies
53	7/15/2021	ACH	Retiree Augusto	168.56		168.56	Retiree Health - August
54	7/15/2021	ACH	Retiree Burgess	184.03		184.03	Retiree Health - August
55	7/15/2021	ACH	Retiree Cummins	181.48		181.48	Retiree Health - August
56	7/15/2021	ACH	Retiree Cutri	480.12		480.12	Retiree Health - August
57	7/15/2021	ACH	Retiree Emanuel	238.25		238.25	Retiree Health - August
58	7/15/2021	ACH	Retiree Gately	206.97		206.97	Retiree Health - August

Las Gallinas Valley Sanitation District Warrant List 7/15/2021 DRAFT							
	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for items
59	7/15/2021	ACH	Retiree Guion	206.97		206.97	Retiree Health - August
60	7/15/2021	ACH	Retiree Johnson	692.45		692.45	Retiree Health - August
61	7/15/2021	ACH	Retiree Kermoian	181.48		181.48	Retiree Health - August
62	7/15/2021	ACH	Retiree Mandler	181.48		181.48	Retiree Health - August
63	7/15/2021	ACH	Retiree McGuire	616.50		616.50	Retiree Health - August
64	7/15/2021	ACH	Retiree Memmott	181.48		181.48	Retiree Health - August
65	7/15/2021	ACH	Retiree Petrie	168.56		168.56	Retiree Health - August
66	7/15/2021	ACH	Retiree Pettey	180.74		180.74	Retiree Health - August
67	7/15/2021	ACH	Retiree Reetz	505.96		505.96	Retiree Health - August
68	7/15/2021	ACH	Retiree Reilly	181.48		181.48	Retiree Health - August
69	7/15/2021	ACH	Retiree Vine	181.48		181.48	Retiree Health - August
70	7/15/2021	ACH	Retiree Wettstein	655.00		655.00	Retiree Health - August
71	7/15/2021	ACH	Retiree Williams	655.00		655.00	Retiree Health - August
72	7/15/2021	N/A	Roux Associates, Inc.	5,533.20		5,533.20	Groundwater Monitoring Well Installation Work Plan
73	7/15/2021	ACH	Schriebman, Judy	200.00		200.00	Health Reimbursement -July
74	7/15/2021	N/A	T & T Valve and Instrument	2,162.52		2,162.52	6" Milliken TC Plug Valve
75	7/15/2021	ACH	TCI Business Capital	14,236.80		14,236.80	Additional Operator for Vacancy- April - June
76	7/15/2021	N/A	United Site Services	496.83		496.83	Porta Potties
77	7/15/2021	ACH	Univar	3,479.59		3,479.59	Purchase Sodium Hypochlorite
78	7/15/2021	N/A	USA Blue Book	1,708.80		1,708.80	Tube and Roller Assembly for A3 & M3 Pumps
79	7/15/2021	N/A	Verizon Wireless	1,749.14		1,749.14	Cell Phone Bill - May-June
80	7/15/2021	ACH	Yezman, Crystal	200.00		200.00	Health Reimbursement -July



Las Gallinas Valley Sanitation District Warrant List 7/15/2021 DRAFT							
Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for items	

Do not change any formulas below this line.

TOTAL \$ 1,242,622.80    \$ -    \$ 1,242,622.80

EFT1	EFT1 = Payroll (Amount Required)	106,555.47		106,555.47	Approval:
EFT2	EFT2 = Bank of Marin loan payments	0.00		0.00	Finance
PC	Petty Cash Checking	0.00		0.00	
>1	Checks (Operating Account)	0.00		0.00	
N/A	Checks - Not issued	61,456.14		61,456.14	GM
EFT	EFT = Vendor initiated "pulls" from LGVSD	591,502.45		591,502.45	Board
ACH	ACH = LGVSD initiated "push" to Vendor	483,108.74		483,108.74	
Total		\$ 1,242,622.80		\$ 1,242,622.80	

Difference: \$ \_\_\_\_\_

STPURWE Costs \$210,393.72

Agenda Item: 2C  
Date: July 15, 2021

Directors' Meeting Attendance Recap

<u>Name</u>	<u>Total Meetings</u>
Megan Clark	6
Rabi Elias	6
Craig Murray	6
Judy Schriebman	5
Crystal Yezman	6
<b>Total</b>	<u>29</u>

Meeting Date: 7/15/2021  
Paydate: 7/16/2021



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

Office: 415.472.1734 Fax: 415.499.7715

**BOARD MEMBER ATTENDANCE FORM**

Director's Name: MEGAN CLARK Month: JUNE 2021

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
3 <sup>rd</sup>	REG	X	
10 <sup>th</sup>	SPECIAL - engineering + labor	X	
17 <sup>th</sup>	REG	X	
22 <sup>nd</sup>	SPECIAL	X	
<b>TOTAL</b>		<b>4</b>	

OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
4 <sup>th</sup>	NBWA	X	
21 <sup>st</sup>	Ad Hoc OCC	X	
<b>TOTAL</b>		<b>2</b>	

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

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

Megan Clark  
 Director Signature

7-2-21  
 Date

[Signature]  
 Administrative Services Manager Approved

7-7-21  
 Date

[Signature]  
 Board Secretary Received

7/2/21  
 Date



300 Smith Ranch Road, San Rafael, CA 94903

Office: 415.472.1734 Fax: 415.499.7715

**BOARD MEMBER ATTENDANCE FORM**

Director's Name: Rabi Elias Month: June 2021

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
6/3/21	Regular	✓	
6/17/21	Regular	✓	
TOTAL		2	

OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
6/4/21	Eng. Comm.	✓	
6/10/21	Special Mtg <sup>ok pm</sup>	✓	
6/21/21	<del>Special Mtg</del> Ad Hoc <sup>TV</sup> OCC	✓	
6/22/21	Special Mtg <sup>ok pm</sup>	✓	
TOTAL		4	

TOTAL MEETINGS CHARGED (Max of six per Health & Safety Code #4733):	6
---	---

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

R. Elias  
Signature  
[Signature]  
Approved By/ Date

7/7/21  
Date  
7/7/21  
Pay Date



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

Office: 415.472.1734 Fax: 415.499.7715

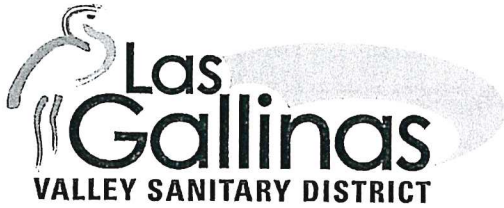
**BOARD MEMBER ATTENDANCE FORM**

Director's Name:  MURRAY, Craig K.  Month:  June 2021

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
6/3/21	Board Meeting	X	
6/10/21	Special Board Meeting	X	
6/17/21	Board Meeting	X	
6/22/21	Special Board Meeting	X	
<b>TOTAL</b>		4/4	

OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
6/6,13/21	Merrydale Road/Las Gallinas Creek Headwater Litter Removal c/o City of San Rafael: 6/6 2.0 hours; 6/13 0.5 hours		XX
6/8/21	EESI: Unlocking Capital for Climate Solutions: The Benefits of a National Climate Bank Webinar		X
6/10/21	LAFCo Board Meeting		X
6/16 /21	CALPERS: Working After Retirement Rules Webinar		X
6/17/21	Bike Share Demonstration Ride – East Bay, North Bay Vendor Gotcha		X
6/21/21	Reuters Renewable Fuels 2021 Public Webinar: What can RNG Offer as a Clean Transportation Fuel Post 2020?		X
6/24/21	CASA Air Quality, Climate Change & Energy (ACE) Workgroup Meeting	X	
6/25/21	LGVSD Board Member General Manager Coordination Meeting		X
6/30/21	CWEA-CASA COVID-19 Webinar Series	X	
<b>TOTAL</b>		2/10	



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

Office: 415.472.1734 Fax: 415.499.7715

### BOARD MEMBER ATTENDANCE FORM

<b>Total Meetings for which I am Requesting Payment: Max of six (6) per Health &amp; Safety Code §4733</b>	<b>6/14</b>
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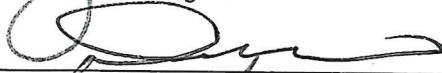
I hereby certify that the meetings as set forth above are true and correct and are for the purpose of conducting official business for the Las Gallinas Valley Sanitary District.

  
\_\_\_\_\_  
Director Signature

Craig K. Murray

June 30, 2021

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Administrative Services Manager Approved

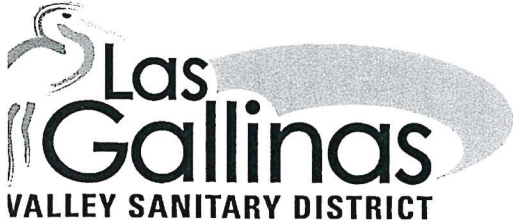
7/7/21

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Board Secretary Received

6/30/21

\_\_\_\_\_  
Date



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

Office: 415.472.1734 Fax: 415.499.7715

**BOARD MEMBER ATTENDANCE FORM**

Director's Name: \_\_\_\_\_ Judy Schriebman \_\_\_\_\_ Month: \_\_\_\_\_ June 2021 \_\_\_\_\_

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
6/3/2021	Regular Meeting	X	
6/10/2021	Special Meeting	X	
6/17/2021	Regular Meeting	X	
6/22/2021	Special Meeting	X	
<b>TOTAL</b>		<b>4:4</b>	

OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
6/2/2021	GWC Meeting	X	
<b>TOTAL</b>		<b>1:1</b>	

<b>Total Meetings for which I am Requesting Payment: Max of six (6) per Health &amp; Safety Code §4733</b>	<b>5</b>
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I hereby certify that the meetings as set forth above are true and correct and are for the purpose of conducting official business for the Las Gallinas Valley Sanitary District.

\_\_\_\_\_  
 Judy Schriebman  
 Director-Signature

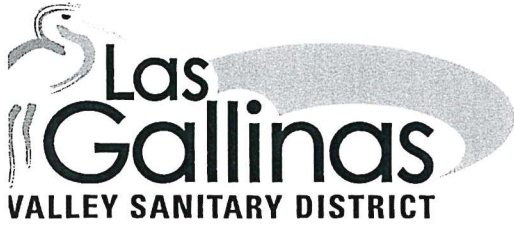
\_\_\_\_\_  
 Administrative Services Manager Approved

\_\_\_\_\_  
 Board Secretary Received

\_\_\_\_\_  
 7/1/2021  
 Date

\_\_\_\_\_  
 7/7/21  
 Date

\_\_\_\_\_  
 7/2/21  
 Date



300 Smith Ranch Road, San Rafael, CA 94903

Office: 415.472.1734 Fax: 415.499.7715

## BOARD MEMBER ATTENDANCE FORM

Director's Name: Crystal Yezman Month: June 2021

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
6/4	Engineering Subcommittee	X	
6/3	Regular Board Meeting	X	
6/10	Special Board Mtg	X	
6/17	Regular Board Mtg	X	
6/22	Special Boad Mtg	X	
<b>TOTAL</b>			

OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
6/24	CSRMA Board Mtg	X	
<b>TOTAL</b>			

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

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

*Crystal J Yezman*

07/06/21

24 *7/7/21*





AGENDA ITEM 2D  
DATE July 15, 2021

## BOARD MEMBER CONFERENCE/ MEETING ATTENDANCE REQUEST

Date: 6/29/21 Name: MURRAY, CRAIG K.

I would like to attend the CWEA-CASA Meeting  
of JUNE COVID-19 UPDATE

To be held on the 30<sup>th</sup> day of JUNE from 1100 a.m. / p.m. to  
30<sup>th</sup> day of JUNE from 1230 a.m. / p.m.  
TO

Location of meeting: WEBINAR

Actual meeting date(s): 6/30/21

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

Purpose of Meeting: INDUSTRY COVID UPDATES

Meeting relevance to District: WBE

	YES	NO
Request assistance from Board Secretary to register for Conference:	<input type="checkbox"/>	<input type="checkbox"/> N/A
Request assistance from Board Secretary to register for Hotel:	<input type="checkbox"/>	<input type="checkbox"/> N/A

Board Directors to book their own transportation including Airfare, taxi and/or shuttles.

Frequency of Meeting: 1X

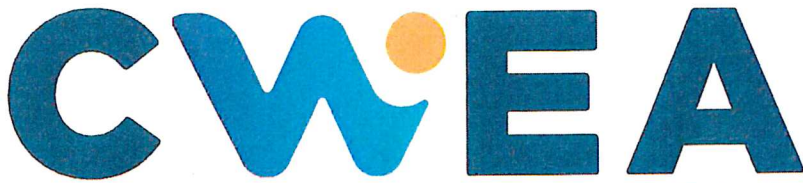
Estimated Costs of Travel (if applicable): N/A

Date submitted to Board Secretary: 6/29/21

Board approval obtained on Date: \_\_\_\_\_

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

# ONLINE WASTEWATER EDUCATION NETWORK (/)



## CWEA-CASA June COVID-19 Update (Live Webinar)

Includes a Live Event on 06/30/2021 at 11:00 AM (PDT)

✓ You are registered!

[Overview](#)   [Speakers](#)   [Contact Hour / CEU](#)   [Contents \(4\)](#)

Live Webinar: Free to members and non-members

Contact Hours: 1.8 contact hours towards all CWEA certifications

The free bi-monthly webinar on wastewater based epidemiology co hosted by CASA and CWEA is back as we discuss various aspects of wastewater surveillance, COVID 19, and the positive strides the wastewater sector continues to make in protecting public health. This month's speakers include experts from Stanford University, San Francisco Public Utilities Commission, Illumina, California Department of Public Health. Join the conversation and ask any questions you may have on wastewater surveillance.

**The webinar will be moderated by CASA's Greg Kester and LACSD's Wendy Wert.**

Speakers include:

**Dr. Alexandria Boehm, Stanford University**

**Manon Fisher, San Francisco Public Utilities Commission**

**Kevin Hackett, Illumina**

**Duc Vugia, California Department of Public Health**

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OK   [More information \(https://learn.cwea.org/privacy-policy\)](https://learn.cwea.org/privacy-policy)

AGENDA ITEM 2E  
DATE July 15, 2021



## BOARD MEMBER CONFERENCE/ MEETING ATTENDANCE REQUEST

Date: 6/29/2021 Name: Judy Schriebmaj

I would like to attend the \_\_\_\_\_ Sept. 2021 \_\_\_\_\_ Meeting of  
\_\_\_\_\_ WaterReuse \_\_\_\_\_

To be held on the 19 day of Sept from 8 a.m. to 21 day of  
Sept. at 5 p.m.

Location of meeting: Los Angele/Virtual

Actual meeting date(s): Sept. 19-21, 2021

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

Purpose of Meeting: Latest on Water Reuse

Meeting relevance to District: Recycled water is essential to our mission and  
for the health of our District customers

	YES	NO
Request assistance from Board Secretary to register for Conference:	<input type="checkbox"/>	<input type="checkbox"/>
Request assistance from Board Secretary to register for Hotel:	<input type="checkbox"/>	<input type="checkbox"/>

Board Directors to book their own transportation including Airfare, taxi and/or  
shuttles.

Frequency of Meeting: One Time

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

Date submitted to Board Secretary: 6/29/2021

Board approval obtained on Date: \_\_\_\_\_

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

REVISED 06012021



# Agenda Summary Report

To: Mike Prinz, General Manager MJP  
 From: Michael P. Cortez, PE, District Engineer  
 (415) 526-1518; [mcortez@lgvsd.org](mailto:mcortez@lgvsd.org)  
 Meeting Date: July 15, 2021  
 Re: Award of Contract for On-Call Contract for Construction Projects (2021-2023) to Piazza Construction  
 Item Type: Consent  Action  Information  Other   
 Standard Contract: Yes  No  (See attached) Not Applicable

## STAFF RECOMMENDATION

Board to approve the On-Call Contract for Construction Projects to Piazza Construction.

## BACKGROUND

On June 25, 2021, the District opened bids for the On-Call Contract for Construction Projects (2021-2023) and Piazza Construction of Penngrove is the apparent low bidder with a base bid of 7% on the labor mark-up. Staff has evaluated the bids and found that Piazza Construction is a responsive and responsible bidder.

### Bid results:

	Labor Mark-up
1. Piazza Construction (Penngrove)	7%
2. Maggiora & Ghilotti (San Rafael)	17.5%

The contract will allow the District to have a standby contractor available to perform [1] small projects that can be typically completed in one week and [2] emergency construction response efforts. The contract duration is 24 months with and a maximum budget of \$200,000. Compensation for each on-call effort is based on time and expense tracking according to force account rates as outlined in the current Labor Surcharge & Equipment Rental Rate Book published regularly by Caltrans Division of Construction.

## PREVIOUS BOARD ACTION

N/A

## ENVIRONMENTAL REVIEW

N/A


## FISCAL IMPACT

Maximum budget of \$200,000.



# Agenda Summary Report

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**To:** Mike Prinz, General Manager  
**From:** Teri Lerch, Board Secretary   
(415) 526-1510 [terch@lgvsd.org](mailto:terch@lgvsd.org)  
**Meeting Date:** July 15, 2021  
**Re:** Orders Regarding Publication Ordinance 186 and Ordinance 187  
**Item Type:** Consent  Action  Information  Other   
**Standard Contract:** Yes  No  (See attached) Not Applicable

---

## STAFF RECOMMENDATION

Board President to review and sign the Orders of Publication for Ordinance 186 and Ordinance 187.

## BACKGROUND

The Order of Publication is required by the California Health and Safety Code and constitutes evidence of compliance with the requirements for publication and posting of Board Ordinances.

## PREVIOUS BOARD ACTION

Ordinance No. 186 was adopted by the Board on May 6, 2021. Ordinance 187 was adopted by the Board on June 17, 2021.

## ENVIRONMENTAL REVIEW

N/A

## FISCAL IMPACT

N/A



## ORDER REGARDING PUBLICATION

The Board of Directors finds that Ordinance 186, Adding Chapter 10, Accessory Dwelling Units and Junior Accessory Dwelling Units to Title 2 District Regulations of the Ordinance Code of the Las Gallinas Valley Sanitary District, unanimously passed by the Board on May 6, 2021, was published in the Marin Independent Journal on April 22, 2021 and April 29, 2021 as required by the California Health and Safety Code and have been available for inspection at the District's offices and on its website. This Order constitutes conclusive evidence of compliance with requirements for publication and posting of this ordinance. This Order shall be posted at the following locations and are available for inspection at the District's office.

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

1. Las Gallinas Valley Sanitary District Administrative Office  
101 Lucas Valley Road, Suite 300  
San Rafael, California 94903
2. Las Gallinas Valley Sanitary District Web Site  
[www.lgvsd.org](http://www.lgvsd.org)

Executed on this 15<sup>th</sup> day of July 2021 at San Rafael, Marin County, California.

---

Crystal J. Yezman  
Board President

**Marin Independent Journal**

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

2074259

LAS GALLINAS VALLEY SANITARY  
300 SMITH RANCH ROAD  
SAN RAFAEL, CA 94903

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

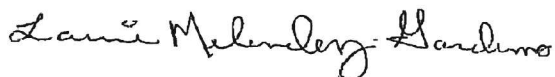
**STATE OF CALIFORNIA  
County of Marin**

I am a citizen of the United States and a resident of the County aforesaid: I am over the age of eighteen years, and not a party to or interested in the above matter. I am the principal clerk of the printer of the MARIN INDEPENDENT JOURNAL, a newspaper of general circulation, printed and published daily in the County of Marin, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Marin, State of California, under date of FEBRUARY 7, 1955, CASE NUMBER 25566; that the notice, of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

**04/22/2021, 04/29/2021**

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

Dated this 29th day of April, 2021.



Signature

**PROOF OF PUBLICATION**

Legal No. **0006567182**

**NOTICE OF PUBLIC REVIEW HEARING  
TO DISCUSS PROPOSED ORDINANCE NO 186  
ADDING CHAPTER 10, ACCESSORY DWELLING  
UNITS AND JUNIOR ACCESSORY DWELLING  
UNITS TO TITLE 2 DISTRICT REGULATIONS OF  
THE ORDINANCE CODE OF THE  
LAS GALLINAS VALLEY SANITARY DISTRICT**

The Las Gallinas Valley Sanitary District will conduct a Public Hearing to discuss an ordinance adding Chapter 10 Accessory Dwelling Units and Junior Accessory Dwelling Units to Title 2, District Regulations of the Ordinance Code of the Las Gallinas Valley Sanitary District. This hearing will take place via Zoom Electronic meeting at the District office at 101 Lucas Valley Road, Suite 300, San Rafael on Thursday, May 6, 2021 at 3:30 PM. The proposed ordinance can be viewed on the District's website at [www.lgvsd.org](http://www.lgvsd.org) or at the District office posted on the Public Notification Bulletin Board in the front of the building at 101 Lucas Valley Road, East Lobby, San Rafael from April 7, 2021 to May 6, 2021.

April 22, 29, 2021



### ORDER REGARDING PUBLICATION

The Board of Directors finds that Ordinance 187, amending Title 3, Chapter 1, District Regulations of the Ordinance Code of the Las Gallinas Valley Sanitary District, unanimously passed by the Board on June 17, 2021, was published in the Marin Independent Journal on May 13, May 27 and June 10, 2021 as required by the California Health and Safety Code and have been available for inspection at the District's offices and on its website. This Order constitutes conclusive evidence of compliance with requirements for publication and posting of this ordinance. This Order shall be posted at the following locations and are available for inspection at the District's office.

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

1. Las Gallinas Valley Sanitary District Administrative Office  
101 Lucas Valley Road, Suite 300  
San Rafael, California 94903
2. Las Gallinas Valley Sanitary District Web Site  
[www.lgvsd.org](http://www.lgvsd.org)

Executed on this 15<sup>th</sup> day of July 2021 at San Rafael, Marin County, California.

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Crystal J. Yezman  
Board President



# Marin Independent Journal

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

2074259

LAS GALLINAS VALLEY SANITARY  
300 SMITH RANCH ROAD  
SAN RAFAEL, CA 94903

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

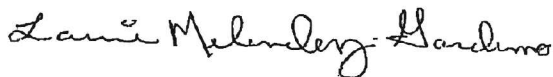
### STATE OF CALIFORNIA County of Marin

I am a citizen of the United States and a resident of the County aforesaid. I am over the age of eighteen years, and not a party to or interested in the above matter. I am the principal clerk of the printer of the MARIN INDEPENDENT JOURNAL, a newspaper of general circulation, printed and published daily in the County of Marin, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Marin, State of California, under date of FEBRUARY 7, 1955, CASE NUMBER 25566; that the notice, of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

**05/13/2021, 05/27/2021, 06/10/2021**

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

Dated this 10th day of June, 2021.



Signature

## PROOF OF PUBLICATION

Legal No. **0006574647**

### NOTICE OF PUBLIC HEARING LAS GALLINAS VALLEY SANITARY DISTRICT

The Sanitary District is desirous of public comments on the Annual Budget and the Proposition 218 Annual Sewer Service Charge increase prior to adoption. Copies of the Budget are available at the District Office free of charge to the public as well as on the District's website at [www.LGVSD.org](http://www.LGVSD.org)

Effective Date July 1, 2021

Proposed Residential Charges: Single-family home or residential units such as condominiums and mobile homes - Annual Sewer Charge Rate per living unit. Multi-family residential units such as apartments - 90% of the Annual Sewer Service Charge per living unit.

Current Rate: \$968 per year.

Proposed Maximum Residential Rate:  
2021/22 - \$ 1,055 per year, increase of \$87.  
2022/23 - \$ 1,150 per year, increase of \$95.

Proposed Non-Residential Sewer Service Charges: Rates for non-residential customers are proportional to the rise in residential rates. Rates are calculated individually for each type of non-residential use, based on water usage and a strength factor, which is an average cost to treat wastewater from a particular type of non-residential customer.

Copies of the Proposition 218 Notice are available for public review at the District Office and on the District Website

FURTHERMORE, said Board intends to adopt the District Budget for 2021-22 and the District Annual Sewer Service Charge Increase with or without modification at the public hearing set for June 17, 2021.

NOTICE IS HERBY GIVEN, that on June 17, 2021 at 3:30 PM at the regular meeting place of said District, Las Gallinas Valley Sanitary District Administration Office, 101 Lucas Valley Road, San Rafael, said Board will hear and consider Ordinance 187 and all comments to the Annual Sewer Service Charge Increase for 2021-22 and 2022-23 and the District Budget for 2021-22.

Dated: May 5, 2021

Mike Prinz  
General Manager  
Las Gallinas Valley Sanitary District

5/13,27, 6/10/2021

**7/15/2021**

**General Manager Report**

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



# Agenda Summary Report

To: Mike Prinz, General Manager *MJP*  
 From: Dale McDonald, Administrative Services Manager *M*  
 (415) 526-1519 [dmcDonald@lgvsd.org](mailto:dmcDonald@lgvsd.org)  
 Meeting Date: July 15, 2021  
 Re: Exit Interview Process  
 Item Type: Consent \_\_\_\_\_ Action \_\_\_\_\_ Information X Other \_\_\_\_\_  
 Standard Contract: Yes \_\_\_\_\_ No \_\_\_\_\_ (See attached) Not Applicable X

## STAFF RECOMMENDATION

Informational only.

## BACKGROUND

The District has a standard practice of inviting staff who are separating from the organization an opportunity to provide confidential feedback to management upon their separation in order for management to better understand the employee’s perspective on the District and determine areas to potentially improve the District. Preserving confidentiality in this process is critical in order to facilitate the most candid response possible. Not all separating employees accept the invitation to participate.

Insights gained from exit interviews can improve management’s understanding of employee’s view of the District and may catalyze review of a range of aspects of the District such as policy, culture, employment conditions, organizational structure, workload, benefits and compensation and so on.

Any documentation associated with any given exit interview is kept separate from the separating employee’s personnel file as it is not associated with the employee’s performance at the District. This is an important distinction in the event that their performance becomes subject to a future legal inquiry.

In preparation for the exit interview, personnel files are reviewed and exit interviews are considered in light of separating employee’s performance record.

The District has no formal policy regarding exit interviews, however, administrative procedures include a standard process. The Exit Interview Questionnaire was last updated in February 2018 and an exit interview is referenced in the District’s Separation Checklist as far back as 2014.

Staff is very sensitive to the Board’s interest in potentially improving the District whenever exit interviews may trigger positive changes. When exit interviews trigger a review of District policy or employment conditions that management is not already pursuing or aware of, general topics of interest or concern will be brought to the attention of the Board. This will occur either in advance of or during discussions related to potential changes to District policy and/or during an Administrative Services Division department report. In order to preserve confidentiality of



separating employees, discussions of such topics will be conducted so as to not identify the employee catalyzing the topic.

Management reviewed the existing District practices, with support provided by Morin Jacob at Liebert Cassidy Whitmore, and confirmed that the above-described process is in the best interest of the District and separated employees.

**PREVIOUS BOARD ACTION**

None.

**ENVIRONMENTAL REVIEW**

N/A

**FISCAL IMPACT**

N/A

*Agenda Item 3.3*  
*Date July 15, 2021*

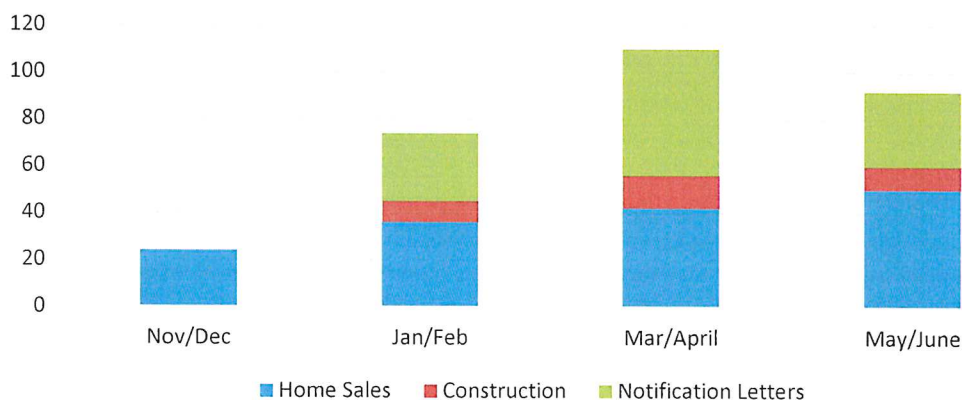
**FINANCE**

- Budget for FY 2021-22 adopted.
- Sewer Service Charge (SSC) for FY 2021-22 and FY 2022-23 approved.
- Auditor, John Cropper Accountancy, selected for audit of FY 2020-21 financials.
- Third Quarterly Financial Report as of March 31, 2021 presented.
- Two IBank Disbursements (#5 and #6) totaling \$1,921,268; balance remaining as of June 30, 2021, is \$6,090,922.
- Accounting Enterprise Resource Planning (ERP) proposals received; two out of five vendors selected for final review. Staff slowed selection process to investigate integration with CityWorks and ADP payroll software with both vendor solutions.
- Miscellaneous Fee Schedule developed and adopted effective July 1, 2021.
- All non-billed customers have paid thru the fiscal year ending June 30, 2021.

**ADMINISTRATION**

- Schedule of Vehicles updated and audited against DMV registration records.
- Zero Waste Marin Grant Report submitted to County by deadline of May 28.
- General Manager and Administrative Services Manager toured Marin Sanitary Service facilities and discussed potential green waste / compost collaboration.
- Sewer Lateral Inspection Program – the administration department provided support for 60 video inspection applications in May and June; 50 were triggered by home sales and 10 by construction. In addition, 32 notification letters were mailed to property owners who have pulled building construction permits with the City of San Rafael or the County advising them of their requirement to have their sewer lateral inspected.

Sewer Lateral Video Inspection Activity



- A total of seven Board meetings were held in May and June. Scheduling was coordinated. Digital and printed packets were produced by administrative staff.
- Catalog of Enterprise Systems updated and posted to our website, pursuant to SB 272 and Gov. Code. Sec. 6270.5. QuickBooks and Microsoft Office are the only two software applications that contains information collected about the public and serves as an original source of data.
- District website updated to address website ADA Accessibility. Redesign and major update of website recommended. Request for Proposal anticipated in August 2021.

**HUMAN RESOURCES**

- Labor Bargaining Sessions – multiple meetings, almost weekly, between OE3 and the District.
- COVID-19 Cal/OSHA compliance revisions effective June 17, 2021.
- Plant Operator III hired, start date of July 26.
- Plant Operations Supervisor hired, start date of July 12.
- Lee Ann Chernack with Pacific Crest Group continued to meet at plant and at administration office, alternating locations weekly.
- Human Resource (HR) Status Report completed – regular updates to be given with every other department report.

**REQUEST FOR PROPOSALS / CONTRACTS**

Contracts executed in May and June listed below:

Vendor Name	Job No	Description	Date of Agreement	Term End Date	Contract Amount
Custom Tractor Service	2333-500 & 2334-500	Biosolids Injection - Reclamation Pastureland	5/11/2021	6/30/2022	\$193,837
Du-All Safety *	2387-900	Safety Maintenance and Safety Training Services	5/17/2021	6/30/2021	\$56,736
Wastewater Solids Management Co.	2366-600	Secondary Anaerobic Digester Services	5/17/2021	6/30/2022	\$96,690
Daniel Edelstein	2360-500	Canada Goose and NPDES Permit	5/19/2021	5/19/2022	\$15,739

*\* In addition to Safety Maintenance contracts, COVID-19 Prevention Program to be updated under separate contract.*

Departments: -100 Admin, -125 Engineering, -200 Collections, -250 Maintenance, -300 Pump Stations, -400 Lab, -500 Reclamation, -600 Plant, -650 Recycled Water

**DESIGN (Number of projects in design phase: 11)**

- John Duckett Pump Station (PS) – Staff conducted a pump station site visit with San Rafael Manor Board members and residents. After careful consideration, staff has determined that the alternate location for John Duckett PS is not feasible and is meeting with GHD to discuss next steps.
- Administration Building Site Evaluation – Danadjieva Hansen Architects presented conceptual building elevations and other relevant information for Site 5 to the Board on 6/3/2021. Staff presented relevant factors of site selection to the Ad Hoc Committee on 6/18/2021.
- Flow Equalization Basin – Hazen & Sawyer (Hazen) reviewed Aqua Engineering's technical memorandum on converting old secondary clarifier into flow equalization basin. Hazen indicated that the concept is reasonable for a temporary solution.

**CONSTRUCTION (Number of projects in construction: 8)**

- Marin Lagoon Pump Station No.1 Improvements – Staff, ArcSine Engineering, and DW Nicholson Corporation discussed new conduit runs and layout for the control panel. Contractor provided service equipment submittal to PG&E for review and approval. PG&E application was re-assigned to another representative.
- Air Release Valve (ARV) & Vault Replacements – CATS4U (contractor) completed ARV installations at four pump stations. Four other locations are 90% complete. Delays to the three remaining pump stations are expected due to the long lead time on customized tees.
- On-Call Construction Contract – A sinkhole was discovered during cleaning of the 18" corrugated metal pipe in the treatment plant parking lot. Staff has met and discussed with Piazza Construction on sinkhole repair and sliplining the pipe as a permanent solution.
- Reclamation Pond Transfer Wood Box Galvanized Catwalks – Fabrication of all three galvanized walkways for replacement of existing wood piers have been completed. Engineering is finalizing mounting details with the contractor.

**REQUEST FOR PROPOSALS/QUALIFICATIONS (Number of projects in RFP/RFQ: 1)**

- Standby Generator System Installation for Minor PS's – Proposals due on 6/25/2021.

**CALL FOR BIDS**

- On-Call Construction Contract (2021-23) – Bids due on 6/25/2021.

**OTHER**

- Integrated Wastewater Master Plan – Kennedy Jenks (KJ) is working on capacity analysis with flow data and collection system assessment results. KJ is updating risk scores for wastewater treatment plant processes. KJ is working on a biowheel modeling update in collaboration with Brown & Caldwell and Aqua Engineering.
- Marsh Pond Long Term Vegetation Management Plan – Staff provided the revised vegetation management plan and a written response to Audubon Society.

## Engineering Monthly Report (May/June 2021)

Job No.	Project Name/Updates	On Hold	% Completion
<b>DESIGN PROJECTS</b>			
11200-03	<b>John Duckett Pump Station &amp; Sewer Main Capacity and Storage</b> <ul style="list-style-type: none"> <li>Held pump station site visit with San Rafael Manor Board members &amp; residents.</li> <li>After careful consideration, staff has determined that the alternate location for John Duckett PS is not feasible and is meeting with GHD to discuss next steps.</li> </ul>		30%
20100-02	<b>Administration Building Site Evaluation/Selection</b> <ul style="list-style-type: none"> <li>Danadjieva Hansen Architects presented conceptual building elevations and other relevant info for the hillside option to the Board on 6/3/2021.</li> <li>Staff presented relevant factors of site selection to Ad Hoc Committee Meeting on 6/18/2021.</li> <li>Site selection scheduled for 7/15/2021.</li> </ul>		Site Evaluation: 100%; Conceptual: 100% Site Selection: 75%
20600-04	<b>Flow Equalization Basin</b> <ul style="list-style-type: none"> <li>Hazen &amp; Sawyer (Hazen) reviewed technical memo on converting old secondary clarifier into flow equalization basin. Hazen indicated that the concept is reasonable for a temporary solution.</li> <li>Hazen will continue to evaluate locating a rectangular primary sedimentation basin in the location of two existing primary clarifiers.</li> </ul>		18%
21300-01	<b>Contempo Marin Manhole Replacement</b> <ul style="list-style-type: none"> <li>Freyer &amp; Laureta (F&amp;L) is coordinating with Captains Cove and Contempo Marin for replacement of a severely corroded manhole along Yosemite Road.</li> <li>Scheduled as a discussion item for the 6/24/2021 Captains Cove HOA Board Meeting.</li> <li>Piazza Construction is ready to begin construction, pending coordination with Contempo Marin and Captains Cove.</li> </ul>		80%
21300-06	<b>Venetia Harbor Fencing &amp; Paving</b> <ul style="list-style-type: none"> <li>Oberkamper completed boundary and topographic survey for Venetia Harbor Pump Station.</li> <li>Closed session is scheduled for 7/8/2021 to discuss potential property negotiation with neighboring property. Design work is on hold until decision is made.</li> </ul>		15%
21300-07, 21500-07, & 21600-16	<b>Arc Flash Study for Pump Stations, Treatment Plant, and Reclamation Facilities</b> <ul style="list-style-type: none"> <li>Awarded to P2S, Inc.</li> <li>Held kick-off meeting on 6/21/2021.</li> </ul>		
20300-09	<b>Smith Ranch Pump Station Electrical Upgrades</b> <ul style="list-style-type: none"> <li>Conducted site visit on 5/18 and 5/19/2021.</li> </ul>		10%
21300-04	<b>Pump Station Site Lighting Improvements</b> <ul style="list-style-type: none"> <li>Conducted site visit on 5/18 and 5/19/2021.</li> </ul>		10%
21350-01	<b>Automatic Transfer Switches for Pump Stations</b> <ul style="list-style-type: none"> <li>Conducted site visit on 5/18 and 5/19/2021.</li> </ul>		10%
21600-01	<b>Emergency Bypass Pumping Analysis &amp; Emergency Response Plan</b> <ul style="list-style-type: none"> <li>Conducted site visit on 5/18 and 5/19/2021.</li> </ul>		10%
21600-07	<b>Digester Room MCC#2 Upgrade</b> <ul style="list-style-type: none"> <li>Conducted site visit on 5/6/2021.</li> <li>Hazen to continue reviewing background info and fire protection standard evaluation.</li> </ul>		9%
<b>CONSTRUCTION PROJECTS</b>			
11500-09	<b>Miller Creek Vegetation Maintenance</b> <ul style="list-style-type: none"> <li>On-going with Hanford ARC.</li> </ul>		67%
12300-05	<b>Rafael Meadows Pump Station Standby Generator Installation</b> <ul style="list-style-type: none"> <li>Due to a change in generator, prior Authority to Construct (AC) renewal from Bay Area Air Quality Management District (BAAQMD) was invalidated.</li> <li>Staff is finalizing the application for a new AC with assistance from the on-call engineer.</li> <li>Staff is confirming whether the proposed generator Tier 3J meets the latest BAAQMD requirements.</li> </ul>		16%
12600-07 & 16650-02	<b>Secondary Treatment Plant Upgrade &amp; Recycled Water Expansion</b> <ul style="list-style-type: none"> <li>On-going with Myers &amp; Sons Construction.</li> </ul>		83%

*WAD*



Job No.	Project Name/Updates	On Hold	% Completion
18360-01	<b>Marin Lagoon Pump Station No.1 Improvements</b> <ul style="list-style-type: none"> <li>Staff, ArcSine Engineering, and DW Nicholson Corporation discussed new conduit runs and layout for the panel. Existing conduits cannot be reused due to corrosion.</li> <li>Provided service equipment submittal to PG&amp;E for review and approval. Application was re-assigned to another PG&amp;E representative.</li> </ul>		3%
19200-01	<b>Air Release Valve and Vault Replacements</b> <ul style="list-style-type: none"> <li>CATS4U (contractor) completed ARV installations at four pump stations. Four other locations are 90% complete, pending stainless steel brackets/supports and stamped concrete crosswalk.</li> <li>Long lead time on customized tees, expect further delays for three remaining pump stations.</li> </ul>		75%
20125-01	<b>On-Call Construction Contract</b> <ul style="list-style-type: none"> <li>Repair sinkhole and slipline 18" corrugated metal pipe in the treatment plant parking lot.</li> <li>Installation of 8 bollards at old thickener area.</li> </ul>		Continuous until new on-call contract is in place.
20500-02	<b>Reclamation Pond Transfer Wood Box Galvanized Catwalks</b> <ul style="list-style-type: none"> <li>Fabrication of all three galvanized walkways for replacement of existing wood piers have been completed.</li> <li>Engineering is finalizing mounting details before installation on site.</li> </ul>		90%
21600-14	<b>Bioassay Test System Installation</b> <ul style="list-style-type: none"> <li>Contractor completed installation and all remaining punch list items. Project is complete.</li> </ul>		100%
<b>REQUESTS FOR PROPOSALS</b>			
<i>ISSUED</i>			
21300-03	<b>Standby Generator System Installation for Minor Pump Stations</b> <ul style="list-style-type: none"> <li>Proposals due on 6/25/2021.</li> </ul>		
<i>NEAR TERM/ANTICIPATED</i>			
20200-01	<b>Force Main Assessment, Cleaning, Location Marking, &amp; Mapping</b> <ul style="list-style-type: none"> <li>Scheduled to publish RFP on 6/30/2021.</li> </ul>		
21600-08	<b>Grit Chamber Coating and Auger Replacement (UPCCAA)</b>		
<b>CALL FOR BIDS</b>			
	<b>On-Call Construction Contract (2021-23)</b> <ul style="list-style-type: none"> <li>Bids due on 6/25/2021.</li> </ul>		
<b>OTHER</b>			
17500-05	<b>Descanso Force Main Relocation (McInnis Marsh Restoration Project)</b> <ul style="list-style-type: none"> <li>Kennedy Jenks (KJ) evaluated the projected sea level rise conditions and determined that there is no immediate need to relocate the Descanso force main prior to mid-century (Part 1 Analysis).</li> <li>Staff issued purchase order for Part 2 Analysis to evaluate five options, including existing alignment and other realignment alternatives.</li> </ul>		N/A
20100-04	<b>Integrated Wastewater Master Plan</b> <ul style="list-style-type: none"> <li>KJ is working on capacity analysis with flow data and collection system assessment results.</li> <li>KJ is updating risk scores for wastewater treatment plant processes.</li> <li>KJ is drafting a biowheel modeling update in collaboration with Brown &amp; Caldwell and Aqua Engineering.</li> </ul>		40%
20125-01	<b>On-Call Engineering Contract</b> <ul style="list-style-type: none"> <li>See Contempo Marin Manhole Replacement.</li> </ul>		Continuous
20500-05	<b>Marsh Pond Long Term Vegetation Management Plan</b> <ul style="list-style-type: none"> <li>Staff provided a written response and the revised management plan to Audubon Society.</li> </ul>		81%
21125-01	<b>Archive Development</b> <ul style="list-style-type: none"> <li>Nute to continue scanning.</li> </ul>		50%
21125-03	<b>Alternative Funding Pursuit</b> <ul style="list-style-type: none"> <li>Staff reviewed draft memo on CIP grants and opportunities.</li> <li>Scheduling a meeting with KJ to discuss comments on the memo.</li> </ul>		Continuous
	<b>Climate Change Questionnaire</b> <ul style="list-style-type: none"> <li>Staff drafted a response for the Climate Change Questionnaire to the Water Boards.</li> </ul>		90%

<b>Job No.</b>	<b>Project Name/Updates</b>	<b>On Hold</b>	<b>% Completion</b>
	<b>Sewer Lateral Specifications</b> <ul style="list-style-type: none"> <li>• Updated sewer lateral specifications.</li> </ul>		100%
<b>LAND DEVELOPMENT</b>			
	<b>Guide Dogs for the Blind - 350 Los Ranchitos Rd</b> <ul style="list-style-type: none"> <li>• Sent a status update letter to Guide Dogs.</li> <li>• Waiting for Guide Dogs to provide contact info of its designer/surveyor to begin discussion of the easement geometry.</li> </ul>		
	<b>Kaiser Parking Garage/Medical Office Building - 1650 Los Gamos Dr</b> <ul style="list-style-type: none"> <li>• Waiting for Kaiser to sign grant of easement for the new sewer alignment.</li> <li>• Kaiser to provide grant deed of the original easement for staff to review prior to bringing quitclaim documents to the Board.</li> </ul>		
	<b>Talus Reserve</b> <ul style="list-style-type: none"> <li>• New development of 28 single family residences near Erin Dr.</li> <li>• Provided plan review comments on 5/28/2021.</li> </ul>		
	<b>10 Paul Dr Tenants Improvements</b> <ul style="list-style-type: none"> <li>• Converting existing office space into medical office.</li> <li>• Reviewed plans and assessed connection fee.</li> </ul>		
	<b>Reviewed and Issued Will Serve Letter(s) to the following:</b> <ul style="list-style-type: none"> <li>• 5 Linda Ave</li> <li>• Habit Burger (496 Las Gallinas Ave)</li> </ul>		



# Agenda Summary Report

To: Mike Prinz, General Manager *MJP*  
 From: Michael P. Cortez, PE, District Engineer *mpc IH*  
 (415) 526-1518; [mcortez@lqvsd.org](mailto:mcortez@lqvsd.org)  
 Meeting Date: July 15, 2021  
 Re: Operations Control Center Building Site Selection  
 Item Type: Consent \_\_\_\_\_ Action X Information \_\_\_\_\_ Other \_\_\_\_\_  
 Standard Contract: Yes \_\_\_\_\_ No \_\_\_\_\_ (See attached) Not Applicable X

## STAFF RECOMMENDATION

- 1) Board to select the final site for the new Operations Control Center Building (OCC Building) as:
  - a. Site 5 (Hillside option); **or**,
  - b. Site 8 (Existing Admin Building option); **or**,
  - c. Combined Site 5 and 8 – **Staff recommendation**.
- 2) Staff to proceed with building design by one of the following:
  - a. Reinstate contract with Danadjieva Hansen Architects (DHA) for Site 5, amendments may be necessary for design revisions; **or**,
  - b. Develop a Request for Proposals (RFP) for the design of a new OCC Building at Site 5; **or**,
  - c. Develop an RFP for the design of a new OCC Building at Site 8; **or**,
  - d. Develop an RFP for the design of a new OCC Building at Combined Site 5 and 8 – **Staff recommendation**.

## BACKGROUND

The site evaluation for the future OCC Building has been completed and District staff has provided the necessary information for the Board to objectively select between Site 5 and site 8 as the future site of the new OCC Building. In summary, District staff concurs with MWA Architects and Hazen and Sawyer that both sites appear feasible for a new OCC Building with Site 5 offering more design and construction challenges than Site 8, none of which is insurmountable, however, Site 5 may result in higher construction cost as demonstrated by both consultants. Other selection criteria not discussed in the staff report are generally subjective and may be addressed at either site during design.

### Combination of Site 5 and 8

District staff has reevaluated the advantages and disadvantages of both sites and concluded that a two-story building of the same total square footage as a three-story building at either Site 5 or 8 could be constructed by having a footprint that would occupy Site 8 and portions of Site 5 (“Combined Site 5 and 8”). As shown in the attached figure, an OCC Building at Site 8 with a 7,500 SF footprint is possible by extending into Site 5 with some hillside excavation. A second



floor with 7,500 SF or larger would be added to meet the 15,000 SF target floor area with lateral expandability into Site 5 for future needs. The major advantages are:

- Potentially significant cost savings for a two-story building vs a three-story building, which would be a design goal;
- Less biddability and constructability issues than Site 5;
- Same civic identity as Site 8;
- Simplified staging access.

Below is staff's analysis on critical site selection criteria requested by the Board. A more comprehensive list of site selection criteria is shown in the table below with color codes to designate the relevance.

1. *Fire Loop Road Requirement for Site 5* – Staff has contacted the City of San Rafael Fire Department and found that a fire loop road is not a mandatory requirement provided a 2-point ingress and egress or a hammerhead turnaround is provided. Avoiding a loop road would eliminate the need to construct a new retaining wall and reduces the cost estimate for Site 5 by up to \$2.5 million. It should be noted that Site 5 and Site 8 have similar fire access road requirements; therefore, a fire access road is not a factor in site selection.
2. *Biddability and Constructability* – Site 8 has a major advantage over Site 5 in that an OCC Building at Site 5 is more complicated to design and construct than at Site 8 because of Site 5's steep slope location, which may result in more potential for delays and cost overruns. In addition, a building with simpler design, which would be the case for the OCC Building at Site 8, would be more likely to attract more bids increasing bid competition and consequently resulting in better bid prices. (Hazen and Sawyer will discuss this aspect of site selection in greater detail at the Board meeting.)
3. *Staging* – Potential staging area for Site 5 on the Nike Hill would require significant security fencing for site security because it is isolated and accessible by the public. Access to the Nike Hill for construction and material deliveries will be difficult due to the steep slope and width of the maintenance road. Demolition of the existing admin building would open access for Site 5 on one side, but it would still be constrained by the treatment processes on the other side. Material deliveries for Site 8 would be at the plant main entrance, which is much simpler than vehicle routing to the Nike Hill. Both Site 5 and 8 would benefit from staging area at Silveira Field. As an option, contractor may use Reclamation Area as staging area if the adjacent property owner refuses to lease.
4. *Temporary Staff Relocation* – Site 5 has an advantage of not requiring major staff relocation during construction since the existing admin building may be occupied during construction. This will require mitigating Operations control activities with special conditions as part of the bidding requirements, such as restricted contractor activities during working hours, extended working hours (nighttime), and allowing weekend construction activities. This however would increase construction cost. In addition, the use of a tower crane may be prohibited during construction for employee safety considerations. Site 8 has a disadvantage in this regard as it requires Operations control equipment relocation and causes major, albeit short term, disruption during relocation.



5. *Sea Level Rise (SLR)* – As discussed with the Board and Ad hoc Committee, SLR is not a major factor in site selection because it can be mitigated with minimal efforts at Site 8, and both sites are protected by SLR protection of the plant site as a whole.
6. *Construction Cost Estimate* – The construction cost estimates reported to the Board are Rough Order of Magnitudes (ROMs), which are generally -50% to +50% accurate. Staff recommends moving forward with full design in order to obtain more detailed cost estimates to properly develop a comprehensive funding scheme to construct the OCC Building.

Additional information will be supplied during the presentation to the Board.

Site selection criteria are categorized into three colors as red, yellow, and green to represent the most to the least relevant factors. Below is a table showing criteria that fall under each category:

<b>Most Relevant Criteria</b>	
• Construction Cost Estimate	Red
• Constructability	Red
• Construction Accessibility/Staging Area	Red
• Bid Quantities & Turnout	Red
• Building Foundation	Red
• Flare Relocation	Red
• Temporary Staff Relocation	Red
<b>Factors With Some Influence</b>	
• Parking	Yellow
• Civic Identity	Yellow
• Staff Survey	Yellow
<b>Factors With No Influence</b>	
• Future Expansion	Green
• CEQA Environmental Mitigation	Green
• Solar Energy Opportunities	Green
• Sea Level Rise	Green
• Fire Access Road	Green
<b>Building Design Factors (no site selection influence)</b>	
• Education Component	Green
• Availability of Private/Public Funding	Green
• Foot & Vehicle Traffic Circulation	Green
• Water Feature/Garden/Live Wall	Green
• Dual Purpose Board Room	Green
• Vegetation/Landscaping	Green
• Aesthetics	Green
• LEED Standards	Green



• Outdoor Space for Lunch/Break	
• Building Longevity	
• Building Type	
• Floor Plans	

**PREVIOUS BOARD ACTION**

- 1) The Board awarded a contract with DHA for the architectural design of the Operations Control Center on October 13, 2016.
- 2) The Board awarded a contract to MWA Architects for the Administration Building Site Evaluation project on December 5, 2019, and Amendment 1 on May 21, 2020. Amendment 2 was awarded on November 19, 2020 for conceptual building elevation development for the existing administration building site.
- 3) On June 22, 2021, the District Board rejected an alternative approach to acquire an offsite office space for Administration and Engineering Department in conjunction with the construction of a smaller scale OCC/Lab Building at the treatment plant.

**ENVIRONMENTAL REVIEW**

Future environmental review will be done as needed for the selected future OCC Building site.

**FISCAL IMPACT**

The decision on site selection has no fiscal impact. However, the decision could result in expenditures of \$1,500,000 for design in FY 2021-22 and up to \$28,000,000 for construction in FY 2022-2025.

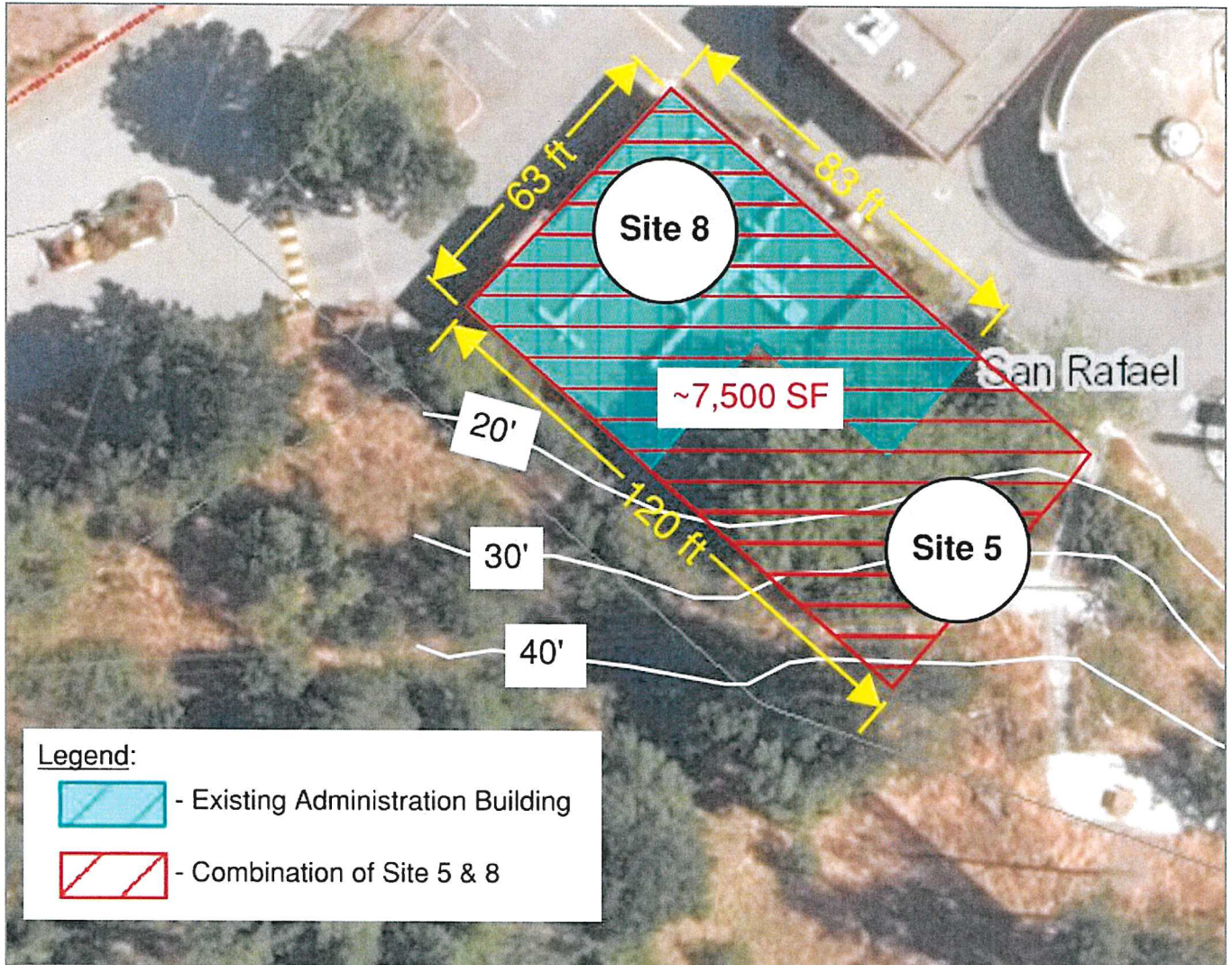


Figure 1. Combination of Site 5 and 8.



# Agenda Summary Report

**To:** Mike Prinz, General Manager *MJP*  
**From:** Teri Lerch, Board Secretary *TL*  
 (415) 526-1510 [terch@lgsd.org](mailto:terch@lgsd.org)  
**Meeting Date:** July 15, 2021  
**Re:** Voting at California Association of Sanitation Agencies (CASA) Conference for Board of Director Candidates and New Dues Resolution  
**Item Type:** Consent  Action  Information  Other   
**Standard Contract:** Yes  No  (See attached) Not Applicable

## STAFF RECOMMENDATION

Board to determine the CASA voting member representative and the two Alternates and approve/disapprove the slate of four nominees for the open seats on the CASA Board of Directors and the Dues Resolution for FY 2021.

## BACKGROUND

The District received notification from CASA that the District will be asked to approve a slate of four Board of Director Candidates as well as a new dues Resolution at the upcoming CASA 66<sup>TH</sup> Annual Conference. The CASA official ballot requires the signature of the District's CASA voting member representative.

## PREVIOUS BOARD ACTION

In July 2019, CASA notified the District that it is required to designate an official voting representative and two alternates who are authorized to exercise the District's voting rights. At the July 17, 2019 Board meeting, the Board appointed Megan Clark as the CASA voting member who shall exercise the voting rights and other privileges on behalf of LGVSD. Craig Murray was the first Alternate and Mike Prinz was the second Alternate. Teri Lerch (Board Secretary) will receive official communications from and/or send official communications to CASA by electronic transmission (i.e.- email) .

## ENVIRONMENTAL REVIEW

N/A

## FISCAL IMPACT

N/A





June 30, 2021

**TO:** CASA Member Agencies  
**FROM:** Jason Dow, President  
**SUBJECT:** **CASA ANNUAL BUSINESS MEETING—AUGUST 11-13, 2021,  
Hilton San Diego Bayfront, San Diego, CA**

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CASA will hold its annual business meeting during the August 11-13 Annual Conference at the Hilton San Diego Bayfront. Specifically, the meeting will be held in-person on Thursday, August 12. The agenda for the meeting is as follows:

**Election of the Directors for FY 2021-22**

The membership will be asked to approve a slate of four nominees for the open seats on the Board of Directors. The Directors will serve three-year terms. The slate was recommended by the Nominating Committee and approved by the Board of Directors. The nominees are:

- Craig Elitharp, Vallecitos Water District
- Georgean Vonheeder-Leopold, Dublin San Ramon Services District
- Roland Williams, Castro Valley Sanitary District
- Rita Duncan, Oro Loma Sanitation District

Brief biographies of the nominees are attached. The Board consists of 13 Directors, 12 elected by the members and one Associate Director appointed by the President. If elected, the four Directors will join eight incumbents. In addition to the elected Directors, the President will appoint a new Associates Director, Kathryn Gies of West Yost Associates, to a one-year term. The Board of Directors will then elect a President, Vice President and Secretary-Treasurer for one-year terms.

The election will take place by written ballot at the conference. Agency representatives attending the meeting may cast their votes up until 5:00 p.m. on Thursday, August 12, 2021.

**Approval of the Dues Resolution: No Dues Changes**

The dues resolution carries forward the dues from the current year with no increases. The members will be asked to approve the dues resolution during the Annual Business Meeting.

**Other Informational Items**

In addition to the action items above, at the conference members will receive for their information the FY 2022 Budget, approved by the Board on June 10, 2021, and the year-end FY 2021 Treasurer's Report.

My term as your President has been unique, but also exceptionally productive. In response to the COVID pandemic, CASA launched a wide variety of resources for our members, successfully executed two virtual conferences, and dramatically expanded our webinar and virtual meeting offerings. On the legislative front, we anticipate our non-flushable wipes legislation will cross the finish line this year, our advocates defeated legislation with significant potential impacts to our members, and we made meaningful strides on key issues such as PFAS and the water-energy nexus.

Our communications program continues to expand and thrive as we provide materials, leadership, and topical information to our members on a regular basis. Thanks to the efforts of our membership committee and staff, even in a year where there were questions about the impact of the pandemic on the economy and local agency budgets, 99% of CASA agency members renewed and we welcomed two new agencies.

We also adopted a new five-year strategic plan, are in the process of launching new programs aimed at emerging professionals (CASA LEAD), and added an additional staff member, Alma Musvosvi, as part of our transition and succession planning efforts. We were able to accomplish all of this while adjusting to a remote work environment. It has been an honor to serve as your President during these unprecedented times, and I look forward to seeing you in San Diego!

Jason R. Dow  
CASA President

A handwritten signature in black ink, appearing to read "J.R. Dow". The signature is stylized with a large, looped initial "J" and a long, horizontal flourish extending to the right.

## Brief Biographies of Board Nominees

### **Rita Duncan, Director and Board President, Oro Loma Sanitary District**



Rita is the current Board President at the Oro Loma Sanitary District. She was appointed to the Board in January 2016, elected to the Board in November 2016, and re-elected in 2018. She was previously the Director of Human Resources at a Bay Area manufacturing company, and also formerly the Director of the Math, Engineering, Achievement, and Education Outreach Program for the Stanford School of Engineering. Rita currently serves as Vice-Chair of the CASA Federal Legislative Committee and would be a new appointee to the CASA Board.

### **Craig Elitharp, Director, Vallecitos Water District**



Craig was first elected to the Vallecitos Water District Board in 2014 and served as Board President in 2017. He also served on the Board of the Encina Wastewater Authority from 2014 to 2018 as one of two Vallecitos Water District representatives and served as Chairman of its Policy and Finance Committee in 2018. Craig retired from the Rancho California Water District in 2014 with nearly 25 years of experience there in the roles of Civil Engineer, Operations Manager and Director of Operations and Maintenance. Craig is a Registered Civil Engineer in California and holds State Water Resources Control Board certifications as a Grade 5 Water Distribution Operator and Grade 3 Water Treatment Operator. Craig currently serves on the CASA Board of Directors.

### **Georgan Vonheeder-Leopold, Director, Dublin San Ramon Services District**



Georgan has been an active member of CASA for more than 15 years and brings years of public service and experience to the CASA Board. In 1977, while raising four children, Georgan became active in local government, scouting, and youth sports. She worked on the campaign to incorporate Dublin and San Ramon as cities and then served on the first Dublin Planning Commission, which was tasked with writing the first General Plan. She then became a member of the Dublin City Council, just in time to approve the General Plan. Active in public service for more than 35 years, Georgan has served on various city and county commissions as well as a host of nonprofit boards. She has lived in Dublin since 1971 and recently retired from a long career in tax accounting. Georgan currently serves as the Secretary-Treasurer for the CASA Board of Directors.

### **Roland Williams, General Manager, Castro Valley Sanitary District**



Roland Williams has been with CV San 19 years, 12 years as the General Manager. Prior to coming to CVSan, Roland worked for Harris and Associates as a project manager and owner's representative on wastewater treatment plant projects. He has served on the CASA Utility Leadership Committee and is a member of CWEA, WEF, APWA, and has held various volunteer roles with these organizations. He is a father of two adult children and grandfather of two. His hobbies include fitness training, reading, travel, and spending time with family. Roland currently serves on the CASA Board of Directors.



DATE: June 30, 2021  
TO: CASA Member Agencies  
FROM: Adam Link, Executive Director  
SUBJECT: Designation of Agency Representative and Consent to Electronic Transmission

Dear Members:

We are requesting your assistance with a couple of administrative matters. CASA's bylaws require that each member agency designate an official voting representative and two alternates who are authorized to exercise the agency's voting rights. We are updating our records in advance of our annual election and ask that you complete a designation form.

Secondly, as a nonprofit mutual benefit corporation, CASA must obtain our members' consent to transmit official communications electronically rather than regular mail. By signing and returning the enclosed authorization, you agree that CASA may send these communications such as ballots and other official business matters to you via email.

We request that you return both original documents by Friday, July 30, 2021, to [cmackelvie@casaweb.org](mailto:cmackelvie@casaweb.org). We also request that you mail the original documents to CASA, Attn: Cheryl MacKelvie, 1225 8<sup>th</sup> Street, Suite 595, Sacramento, CA 95814.

If you have any questions, please feel free to contact me at (916) 446-0388 or [alink@casaweb.org](mailto:alink@casaweb.org). Thank you for your assistance.



2021 DESIGNATION OF AGENCY REPRESENTATIVES

The bylaws of the California Association of Sanitation Agencies (CASA) provide that each voting member of the Association shall designate in writing the individual who shall exercise the voting rights and other privileges on behalf of the member agency, and two alternates to that individual as well. (Article II, Section 1.)

Please designate your agency's representative and two alternates and return this form to Cheryl MacKelvie at [cmackelvie@casaweb.org](mailto:cmackelvie@casaweb.org). Please mail the original to CASA, 1225 8<sup>th</sup> Street, Suite 595, Sacramento, CA 95814. You may revise or update this designation at a future date.

\_\_\_\_\_  
Insert name of Agency

\_\_\_\_\_  
Insert name of Agency Representative

\_\_\_\_\_  
Telephone number

\_\_\_\_\_  
Email address

\_\_\_\_\_  
Insert name of Alternate #1

\_\_\_\_\_  
Telephone number

\_\_\_\_\_  
Email address

\_\_\_\_\_  
Insert name of Alternate #2

\_\_\_\_\_  
Telephone number

\_\_\_\_\_  
Email address

Submitted by:

Date:

\_\_\_\_\_  
E-Signature

\_\_\_\_\_  
Print name

**CONSENT TO ELECTRONIC TRANSMISSION**

As a member of the CALIFORNIA ASSOCIATION OF SANITATION AGENCIES (CASA) your written consent is required in order to receive official communications from, and/or to send official communications to, CASA by electronic transmission (i.e. email).

This consent form will allow CASA to send you meeting notices, ballots, conduct meetings, and handle other official business that requires member or board approval, by electronic transmission. It also allows you to send the same types of information to CASA via electronic transmission.

Before signing this consent form, please review and be aware of the following:

1. You are not required to sign this form. You may request that meeting notices, ballots, and other matters of official business be sent to you via regular mail.
2. You have the right to withdraw your written consent at any time after signing this form by providing CASA with written notice that you are withdrawing your consent relative to electronic transmission.
3. This consent to electronic transmission is broad, and may include transmission of meeting notices, ballots, and other important information regarding CASA. It also allows CASA to conduct meetings via electronic transmission, although that will not be a frequent occurrence. This consent form represents consent under both California Corporations Code 20 and 21 (transmission from and to CASA). This consent form also meets the requirements for consent under the federal Electronic Signatures in Global and National Commerce Act (15 U.S.C. Sec. 7001(c)(1)).
4. Consenting to electronic transmission via email requires that you have access to a computer, have a current email account, and have provided your current email address to CASA.

The undersigned CASA member representative has read and understands the foregoing, and hereby provides this written consent to receive and send information, including but not necessarily limited to meeting notices, ballots, and other information regarding CASA, via electronic transmission (i.e. email), until such time as this consent is revoked in writing. This consent also allows CASA to conduct meetings via electronic transmission.

Insert Agency Name: \_\_\_\_\_

E-Signature of Member Agency Representative: \_\_\_\_\_

Date: \_\_\_\_\_

Insert name and title: \_\_\_\_\_

\*Email address for official CASA notices:

\_\_\_\_\_

**PLEASE EMAIL THIS FORM TO [CMACKELVIE@CASAWEB.ORG](mailto:CMACKELVIE@CASAWEB.ORG).**

\*Please indicate if you do not have access to (or do not want) this type of transmission



**OFFICIAL BALLOT**

The voting members of the California Association of Sanitation Agencies (CASA) are requested to cast their votes on the following important actions:

**Board of Directors FY 2022**

The Nominating Committee and the Board of Directors recommend election of the following slate of Directors to the four available Board seats:

- Craig Elitharp, Vallecitos Water District (Director - South)
- Georgan Vonheeder-Leopold, Dublin San Ramon Services District (Director – North)
- Roland Williams, Castro Valley Sanitary District (Manager – North)
- Rita Duncan, Oro Loma Sanitation District (Director – North)

Please check one:

- Approve the slate of Directors
- Do not approve the slate of Directors

**Dues Resolution FY 2022 (See below Proposed Resolution No. 21-211 )**

Please check one:

- Approve the Dues Resolution
- Do not approve the Dues Resolution

Please mark this Official Ballot for approval or disapproval and then insert the voting agency name and your name and sign your name and date below where indicated.

In order to be counted, this original completed, signed and dated Official Ballot **must be returned to CASA by 5:00 p.m. on Thursday, August 12, 2021.** Materially incomplete or illegible ballots will not be counted.

Date: \_\_\_\_\_

\_\_\_\_\_   
 Insert name of CASA Member Agency

\_\_\_\_\_   
 E-Signature of CASA Member Agency representative

\_\_\_\_\_   
 Insert name of representative

**Electronic Submission is preferred. Please send ballot to Cheryl MacKelvie at [cmackelvie@casaweb.org](mailto:cmackelvie@casaweb.org).**

**PROPOSED RESOLUTION NO. 21-211**  
California Association of Sanitation Agencies



**2022 CASA Annual Membership Dues**

Annual membership dues shall be determined as follows:

- 1. Active Member.** Dues are based on the member agency’s annual operations and maintenance budget. The dues schedule for calendar year 2022 shall be:

**Agency Operations & Maintenance Budget 2022 Dues**

<b>1.</b>	Up to \$500,000	\$900
<b>2.</b>	Between \$500,001 - \$1,000,000	\$1,700
<b>3.</b>	Between \$1,000,001 - \$1,500,000	\$2,500
<b>4.</b>	Between \$1,500,001 - \$2,000,000	\$3,250
<b>5.</b>	Between \$2,000,001 - 2,500,000	\$4,000
<b>6.</b>	Between \$2,500,001 - 3,000,000	\$5,000
<b>7.</b>	Between \$3,000,001 - 3,500,000	\$6,000
<b>8.</b>	Between \$3,500,001 - \$4,000,000	\$7,000
<b>9.</b>	Between \$4,000,001 - 4,500,000	\$8,000
<b>10.</b>	between \$4,500,001 - \$5,000,000	\$9,000
<b>11.</b>	Between \$5,000,001 - \$10,000,000	\$13,600
<b>12.</b>	Between \$10,000,001 - \$20,000,000	\$17,100
<b>13.</b>	Between \$20,000,001 - \$100,000,000	\$20,500
<b>14.</b>	Over \$100,000,000	\$28,100

- 2. Associate Member.** Dues for associate members shall be:

<b>Associate Number of Employees</b>	<b>2022 Dues</b>
<b>1.</b> Employer with 1-5 employees	\$475
<b>2.</b> Employer with 6-15 employees	\$957
<b>3.</b> Employer with 16-29 employees	\$ 1,427
<b>4.</b> Employer with 30-74 employees	\$ 1,906
<b>5.</b> Employer with 75-120 employees	\$ 2,396
<b>6.</b> Employer with over 121 employees	\$ 2,875

- 3. Honorary Member.** There shall be no dues for honorary members.

Adopted by the California Association of Sanitation Agencies by electronic ballot and announced at the annual conference held in San Diego at the Hilton Bayfront on August 13, 2021.

ATTEST:

Georgan Vonheeder Leopold  
Secretary - Treasurer



AGENDA ITEM 6

**7/15/2021**

**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.**

7/15/2021

## **BOARD MEMBER REPORTS**

### **CLARK**

**NBWA Board Committee, NBWA Conference Committee, 2021 Operations Control Center Ad Hoc Committee, 2021 Employee Climate Survey Ad Hoc Committee, Other Reports**

### **ELIAS**

**NBWRA , Ad Hoc Engineering Sub-Committee re: STPURWE, 2021 GM Evaluation Ad Hoc Subcommittee, 2021 Operations Control Center Ad Hoc Committee, Other Reports**

### **MURRAY**

**Marin LAFCO, CASA Energy Committee, 2021 GM Evaluation Ad Hoc Subcommittee, 2021 Legal Services Ad Hoc Committee, 2021 Employee Climate Survey Ad Hoc Committee, Marin Special Districts Association, Other Reports**

### **SCHRIEBMAN**

**Gallinas Watershed Council/Miller Creek Watershed Council, JPA Local Task Force, NBWA Tech Advisory Committee, Other Reports**

### **YEZMAN**

**Flood Zone 7, CSRMA, Ad Hoc Engineering Sub-Committee re: STPURWE, 2021 Legal Services Ad Hoc Committee, Other Reports**

CWEA –CASA  
COVID-19 Update  
June 30, 2021  
Craig K. Murray

Greg Kester

CASA Biosolids Coordinator, WBE. Moderator – Covid-19 and Water Sector.

Ryan Batjiaka: SF PUC. UW Masters Soil Science. Surveillance efforts and WBE. Methods and scaling up lab capacity through Stanford and UC Berkeley assistance. Other groups and private firms on working asst. but not clear what paying for so decided to work with local partners. Method Dev. And working with local health dept. CA Dept. of Public Health, submitted data to CDC Nat'l WW surveillance system. Implemented in SF by dividing by 5 diff. sections. Oceanside, SE and pump systems, trunk lines divided further. 2 treatment plants and at Oceanside plant Stanford samples 7 days/week. SFPUC Surveillance also at largest nursing facility with 4 different locations facility to WW system with bldgs. A,B,C,D. Risk for false negative is high but thought could provide an early warning. To alleviate concern to miss set equipment to high level. How accurate & useful WW surveillance data? Fall 2020 to March 2021: clinical testing data against WW data with SARS COVID 2 genes. Pepper molded virus model used. Data in Alley Beam lab very "legible". Having data visualized is key. Shows trends and dips, rises. Continue to sample, submit to CDC through Summer, 2022. Looking at doing some neighborhood trunk lines to isolate Tenderloin or Mission with more vulnerable populations. Infrastructure, methods, connections are there now for WBE. Tool is ready but need someone to wield it to decide the what, where, why, when of testing and those driving the data demand. Unclear where funding and resources will come from. CA Dept. of Public Health and State Water Board has made sure data is compiled in an effective manner.

Dr. Alexandria (Ali) Boehm, Stanford Prof., fate and transport of water borne pathogens and water borne illness. SARS-CoV-2 RNA analysis in settled solids. Learned that WW offers platform for studying outbreaks and has to be sensitive (low enough to test) and scalable (high throughput and rapid results) and can be compared in other labs. Work is actually looking in the solids. Some corona virus partition to solids than liquid. Conc. Can be 1000x higher than in liquid. Use Cone at Gilroy plant because they don't have a primary clarifier. Comparison of solids v. influent: use pipe precipitation and digital pcr and peppered molted molded virus as control. Membrane filtration for Sensitivity and methods of solids is very sensitive. Everyone started with influent but really good to work with solids and keeping solids with influent sample is not enough. 1 gram of solids is equal to 1 liter of liquid so can do research with solids. Solids measurements associated cases across US. Conc. Of SARS CoV-2 coordinate with pepper virus naturally in WW and control for fecal strength of waste stream. Ie Oceanside in SF can have change in strength depending if storm events. No way 24 hr. turnaround with Students and post docs. so started mid Nov analyzing 8 diff plants and collect daily samples and analyze with 10 diff. replicates. Always provide results in 24 hours at wbe.stanford.edu. Santa Clara Co. also presents on their website. Really good visualization with data viz. Plot trimmed averages over 5 days (removes highest and lowest values and averages the rest). Helps to compare data across plants. High throughput rate represents higher incident rate. 1 CoV-2 incident out of 100,000. Sampling with Solids : Sensitive, Representative, Scalable, Comparable.

Kahlil Lawless, Alumina in Toronto, Crop Genetics. WBE and Next Generation Sequencing (NGS). A very swiftly developing space. Illumina Tech. seen more than 1M samples and sequenced. Applying Genomics in Environmental Surveillance of Pathogens. Way to monitor transmission vectors and measure microbial resistance. Found in WW most use the amplicon methodology not metagenomics

sequencing, not as sensitive and costly. NGS is useful and can do certain diff. things to get key value of the major and pull out minor lineages in the sample. Enrichment allows can build large panel and no trouble with a lot of diff. pathogens and at same time not increase in cost. Amplican v. difficult to do assays in robust and sensitive way. WW v. Clinical Samples: Respiratory Viral Oligo Panel (RVOP); Respiratory ID/AMR (RPIP): two different pathogens. RVOP used to put out sensitivity of BAT Coronaviruses Surveillance. These were designed for clinical samples (hunt for 1 or 2 culprits) v. WW (thousands) and samples so degraded below 200 base tiers. Lot approaching theoretical and technical limits of these assays. Recommendation: Get 10x more samples, data. Complete genome coverage requires more than 1,000 original samples. Rules on data didn't exist before the pandemic. Heat map to show variants of signature lineages. Fairly confident that signature mutation of variant. Innovative Genomics Institute working on to advise how well these assays will work.

Dr. Duc Vugia, Chief of Infectious Disease, CDPH. WW Surveillance of SARS-CoV-2 in California. HHS ph 1 AquaVitas lab and phase 2 with BioBot. CDC NWSS (national wastewater surveillance system). Over 30 WW monitoring in CA, 2 state prisons, 13 local health depts. CDPH working with 6 WW plants as part of the National WW surveillance system. Phase 1: 100 facilities in US and 13 in CA. Phase 3: 300 facilities in US and 23 in CA. BioBot is sending data to HHS not CDC. CDC will share with States so CDPH will try to follow up with BioBot to access data through CDC. Eg Orange Co. testing through April 2021. State Water Resource Control Board with CDPH with 6 sanitation districts and 4 local health departments in LA, Orange, San Diego and SF. Developing a public dashboard to share wastewater data. OWEN Website: <https://learn.cwea.org/> first code 8080 enter after webinar. CDPH hope dashboard public facing webpage and basic interpretation for general public, frequently asked questions. First use is situational awareness and epidata trend. Continue to be low and stable. If can go to lower sewersheds can id hotspots. Another use is situational forecasting: for next week of so and academic groups used for predictive and transmission model. Used for messaging, Pueblo CO use to advise residents to get tested if see spikes and others used for some mass testing in residential facilities. Methods still in development for monitoring SARS-CoV-2 Variants of Concern (VOC) in Wastewater. In CA plan to by August to expand to 10 or more sites. Also studying other viruses.

Q/A: Some answered in Q/A function already but will repeat. How Vaccines impact conc.? Ali: Since big winter surge seen decline and attributed to Vac. And public health orders on distancing. Cases now low to Vac. But defer to Duc Vugia. Duc: certain areas Vac. Not so great. Like to expand coverage with labs to get information. ? w/Ph. 2 of BioBot any WW plants in central valley or other areas not covered. Duc: got list with 23 and some are in central valley and beyond what CDPH is covering. Next phase of funding for CDPH looking to work with central valley. ? What Health Dept. not work for with visualizations. Ali: Trial and error method including CDPH and Santa Clara and WW treatment plants. Talk amongst themselves about variability used to working with and not used to working with. Came up with a Fact Sheet for variability in WW. Eg running replicates and trimmed avg. able to do with daily data. Protocols.io: like a cookbook of ingredients and equipment on protocols including Ali's. ? Expand on methods on data and increased costs with 10x more data. ? Sharing data. Ryan: with Health Dept., we took step back and let research partners and health depts. talk and does not that health dept is using the data. ? how envision local health dept. max data and setting policies like mask mandates. Duc: CDPH trying to get local health dept. up to speed and so busy monitoring human cases and not used data regularly but in Santa Clara used and supplementary tool. CDPH job is to bring locals up to speed on how this data can be used. For locals for mask mandate, not WW data by itself such as human cases.

Arvind Akela: Thanks to all the panelists and participants. Online Wastewater Education: <https://owen.cwea.org>. Need two codes for registration. Online Q/A: Nick Bailey: first code 8080.



**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.



**7/15/2021**

**BOARD AGENDA ITEM REQUESTS**

**Agenda Item 8B**

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







## California Special Districts Association

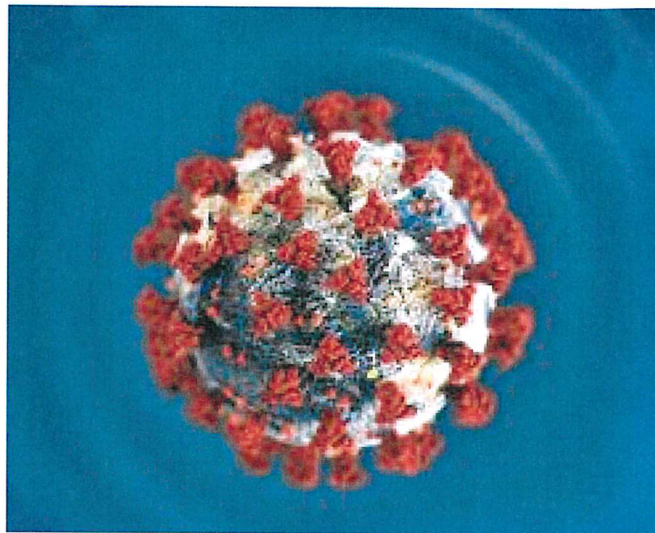
*Districts Stronger Together*

Agenda Item 9  
Date July 15, 2021

By [Vanessa Gonzales](#) posted June 29, 2021

Late last night, the Legislature passed [SB 129 \(Skinner\), the Budget Act of 2021 – “Budget Bill Junior”](#), sending the general agreement to the Governor’s desk for signature or veto in time for the start of the new fiscal year, July 1. They also sent a package of budget trailer bills to the Governor for approval as part of the 2021-22 budget process.

Typically, the Governor has 12 working days to sign or veto a bill, including the budget bill, and has the authority to blue pencil (eliminate) and appropriation within the budget which can be overridden by a 2/3 vote in the Legislature. The budget is an urgency measure and goes into effect as soon as it is signed.



Two weeks ago, California state legislators passed [AB 128 \(Ting\), the Budget Bill in Chief](#), which represented their version of the state budget: a sweeping \$264 billion proposal that included a number of the Newsom administration’s policy priorities along with a number of items of significant disagreement between the Legislature and Administration. AB 128, which was enrolled on June 14 in time to meet the Legislature’s constitutionally mandated deadline to send a balanced budget to the Governor by June 15, was more of a placeholder and did not reflect a deal with the Administration. CSDA authored [an article that appeared in the June 22 edition of eNews](#) which provided an overview of the budget blueprint devised by the Legislature.

The Budget Bill Junior passed yesterday updates many provisions of the Budget Bill in Chief and is a reflection of general agreement following significant negotiations with the Governor’s office; note, however, while funding levels have been solidified the details of many programmatic provisions continue to remain yet to be determined and it is anticipated many budget trailer bills will follow over the coming

weeks until the Legislature breaks for the summer July 16 and further budget action is almost guaranteed in the month that follows and into the fall.

## **FISCAL RELIEF FOR SPECIAL DISTRICTS**

SB 129 represents more of a framework than final agreement in many areas, yet CSDA is pleased to report the package retains the \$100 million COVID-19 relief fund for independent special districts that can demonstrate fiscal impacts due to the COVID-19 public health emergency.

- The language has been amended from that which was proposed in AB 128, the package first sent to the Governor, and now states: *“the amount appropriated in this item shall be available to provide fiscal relief to independent special districts that have encountered unanticipated costs or loss of revenue due to the COVID-19 public health emergency and that have not received other forms of fiscal relief from the state or federal government.”*
- In the vein of further detail yet to be determined, the provisional language additionally specifies: *“ The Department of Finance, in consultation with the California Special Districts Association, shall develop a plan to distribute the funding provided in this item by September 1, 2021, and shall notify the Joint Legislative Budget Committee of the plan.”*
- Further, the language provides additional detail regarding the plan for distribution: *“The plan shall provide to each qualifying district that applies for relief a prorated share of the amount appropriated in this item, with each district’s share based on its proportionate share of revenue losses reported by all qualifying districts from all fund sources between the 2018–19 and 2019–20 fiscal years, as reported by the district to the department. Applicant districts shall self-attest to the accuracy of all information reported to the department for purposes of this item. Upon completion of application reviews, the department shall order the Controller to remit funds to each county auditor-controller for all qualifying districts in each county. The county auditor-controller shall disburse these funds to each qualifying district within 30 days of receipt from the Controller.”*

While CSDA has advocated heavily for access to fiscal relief for COVID-19 response impacted independent special districts, ultimately the proposal and provisional language has been determined in negotiations between the Assembly, Senate, and Administration. CSDA will continue to work with the Department of Finance (DOF) to seek clarification as to the intent of what constitutes *“other forms of fiscal relief from the state or federal government“* and hopes to be a strong partner to DOF as they work to develop a plan for distribution of funds

**Teresa Lerch**

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**From:** California - Nevada Section AWWA <marketing@ca-nv-awwa.org>  
**Sent:** Thursday, July 1, 2021 2:28 PM  
**To:** Teresa Lerch  
**Subject:** Chlorine Shortage: Water & Wastewater Systems Prioritized As Customers

[View Web Version of this Mailing](#)



**Chlorine Supply Update**  
**Drinking Water & Wastewater**  
**Systems Prioritized as Customers of**  
**Critical Water-Treatment Chemicals**

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**Chlorine Supply Update**  
**Drinking Water & Wastewater Systems Prioritized as**  
**Customers of Critical Water-Treatment Chemicals**

In June, the US Department of Homeland Security reported a chlorine shortage in California which may affect water/wastewater operations. CA-NV AWWA quickly partnered with AWWA, CWEA, CalWARN, CASA, ACWA, and California State Water Board Office of Emergency Services staff to coordinate efforts and connect with the US Environmental Protection Agency (EPA) to address drinking water and wastewater system supply concerns.

The coordination of efforts resulted in a letter to chemical sector partners from US EPA Administrator Michael S. Regan requesting that *chemical manufacturers and suppliers prioritize drinking water and wastewater systems as customers of critical water-treatment chemicals, such as gaseous chlorine, sodium hypochlorite and calcium hypochlorite.*

[\[View Administrator Regan's Full Letter to Chemical Sector\]](#)

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**Certification of Need:** [Section 1441 of the Safe Drinking Water Act](#) (pg. 75 of the Act) sets the legal means for a water utility to have a supplier/manufacture provide that utility with a product that is in short supply; it prioritizes critical utilities over other less essential items. The entire process for an order to be issued to a producer/manufacture can take up to 2-4 weeks. Depending on the location of the supplier, delivery time and repackaging also needs may also impact processing time.

- Certification of Need Process & Application  
<https://www.epa.gov/waterutilityresponse/water-sector-supply-chain-chemical-shortages-0>

**Available Resources:** Systems that are experiencing chemical supply challenges are encouraged to work through normal mutual aid/assistance channels and engage their local emergency management agency at the City or County level, as appropriate, in accordance with SEMS procedures. Regional water board staff and district engineers are also available to assist. The following EPA website and resource links provide specific avenues for relief that water and wastewater systems can pursue if they experience supply chain disruptions which may result in an impending shortfall of critical materials:

- <https://www.epa.gov/waterutilityresponse>

- <https://www.epa.gov/waterutilityresponse/water-sector-supply-chain-chemical-shortages-0>
- <https://www.epa.gov/waterutilityresponse/frequently-asked-questions-about-section-1441-safe-drinking-water-act-0>
- <https://www.epa.gov/waterutilityresponse/how-use-defense-production-act-0>

Other recommendations to help you include:

- Check in with neighboring agencies to offer or request supplies. CalWARN can assist you with a mutual aid agreement if you are not already members.
- Let us know the creative ways you're making chlorine and caustic last longer. We love the ingenuity of CA-NV AWWA members!
- Feel free to share any updates or recommendations and email us: [marketing@ca-nv-awwa.org](mailto:marketing@ca-nv-awwa.org).
- Watch for additional updates coming soon. We'll pass along breaking news as soon as we confirm it.



**CA-NV Section American Water Works Association**

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JUN 30 2021

THE ADMINISTRATOR

Dear Chemical Sector Partners:

Ensuring that drinking water and wastewater services are fully operational is critical to protecting our nation's public health and environment, as well as maintaining a functioning economy. I would like to request that chemical manufacturers and suppliers prioritize drinking water and wastewater systems as customers of critical water-treatment chemicals, such as gaseous chlorine, sodium hypochlorite and calcium hypochlorite.

This request is a result of concerning challenges that some water systems have recently experienced in procuring gaseous chlorine, sodium hypochlorite and calcium hypochlorite. Several water utilities across multiple states – California, Idaho, Illinois, Indiana, New York, Oregon and Washington – have received *force majeure* notifications, even reducing chlorine allocations in some cases, from suppliers due to supply shortages across the industry. While drinking water and wastewater disinfection accounts for less than 5 percent of all chlorine consumed in the United States, this usage is vital to ensuring the health and well-being of our citizens and businesses.

If drinking water systems cannot obtain a sufficient and reliable supply of gaseous chlorine, sodium hypochlorite and calcium hypochlorite, they will be unable continue to provide safe drinking water to their communities. Similarly, if wastewater systems lack adequate chlorine supplies, they will be unable to disinfect treated wastewater prior to discharge to surface waters, potentially leading to an increase in the concentration of pathogens in the surface water. A loss of drinking water or wastewater services, even for short durations, would have cascading impacts on hospitals, manufacturing, government facilities, private offices and restaurants – essentially all of the critical services necessary to sustain a community.

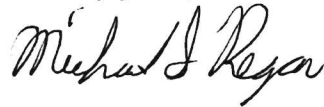
By prioritizing delivery of chlorine and other critical water treatment chemicals to drinking water and wastewater systems and the retail vendors that sell chlorine to these systems, you can help to ensure the uninterrupted supply of safe drinking water and treatment of wastewater across the nation.

I also request that we maintain open lines of communication between the water and chemical sectors so that we can collectively maintain situational awareness of threats to the water treatment chemical supply chain. This awareness is particularly important as we enter what is forecast to be an active hurricane season with the potential to impact chemical manufacturers in states along the Gulf and Atlantic coasts.

The chemical sector is a key partner in the treatment of water and, therefore, in the protection of public health and the environment. My U.S. Environmental Protection Agency colleagues and I are committed to working with you to support our nation's public health and economic viability.

Please do not hesitate to contact me, or your staff may contact Jennifer McLain, director of the Office of Ground Water and Drinking Water, at [mclain.jennifer@epa.gov](mailto:mclain.jennifer@epa.gov) or (202) 564-4029.

Sincerely yours,

A handwritten signature in black ink that reads "Michael S. Regan". The signature is written in a cursive style with a large, prominent initial "M".

Michael S. Regan

## Historic lows for rainfall in Marin

### WATER SUPPLIERS

One of the driest times in more than 100 years

By Will Houston

[whouston@marinij.com](mailto:whouston@marinij.com)

Marin County hasn't experienced this dry of a year since people were still driving Ford Model Ts and the Golden Gate Bridge was years away from being built.

The county's two main water suppliers reported record low or near-record low rainfall this past fiscal year, which ended on Wednesday.

The Marin Municipal Water District, which serves about two-thirds of the county population, recorded just 20.7 inches of rain from July 1, 2020, through Wednesday — the third-lowest amount for this time period in 143 years of records. The record was set in 1924 when just 19 inches of rain fell. This year's rainfall was nearly tied with the second-lowest rainfall set in 1918, which was just one one-thousandth of an inch less.

That said, Cynthia Koehler, president of the district board, said water is still coming out of the taps after decades of investments to expand supply, reuse wastewater and bolster conservation programs.

"The district has, over time, anticipated and planned for this event," Koehler said. "I don't want to minimize this at all. We, like the entire state and frankly, the entire West, are experiencing this severe drought, but we have taken very significant actions to ensure that the water does

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get to our businesses, our homes, our institutions."

The North Marin Water District, which serves the greater Novato area and parts of West Marin, recorded its driest year on record with just 8.7 inches falling at its Stafford Lake reservoir. The district's rainfall records date to 1916, according to Drew McIntyre, the general manager.

Both districts track rainfall data by the fiscal year from July 1 through June 30, but the official water year used by the state and federal governments runs from Oct. 1 through Sept. 30.

Even so, the record still holds true for North Marin Water District. For Marin Municipal, the current water year is actually on track to have the second-lowest rainfall on record, barring any downpours between now and October, according to Paul Sellier, district operations director. The record-low rainfall for the water year was set in 1924 with a little over 18 inches of rain.

20% conservation for its nearly 64,000 Novato and West Marin customers on Thursday. So far, customers of both agencies have fallen short of their conservation targets.

If low rainfall totals weren't gloomy enough, Marin saw more cuts to its water supplies as of Thursday. The Sonoma Water agency, which imports water to Marin, cut back its water deliveries by 20% on Thursday in response to its own water supply issues. The agency provides about 75% of the North Marin Water District's supply and 25% of the Marin Municipal Water District's supply.

In anticipation of a dry winter, both districts began increasing their purchases from Sonoma earlier this year. North Marin pumped water into its Stafford Lake reservoir that equated to about 15% of its annual use.

"Additionally we are maximizing our use of recycled water in partnership with Novato and Las Gallinas Valley Sanitary Districts which this year will equal or



②

④

Preceded by a dry winter in 2019-2020, this year’s rainfall mostly soaked into the parched ground and led to very little runoff into local reservoirs that provide most of the county’s supply.

exceed local surface water production at Stafford Lake,” McIntyre wrote in an email. “We also offer extensive conservation rebates, information and services.”

Typically, the Marin Municipal Water District would record more than 52 inches by June 30. The district recorded about 35 inches of rain in 2019-2020.

In preparation for another dry year, the Marin Municipal Water District is exploring emergency backup plans that include a water pipeline across the Richmond-San Rafael Bridge and a temporary desalination plant. These projects would cost tens to hundreds of millions of dollars potentially, according to staff, though solid cost estimates have yet to be presented.

The North Marin Water District normally sees about 27 inches of rain by the end June 30. About 16 inches of rain fell in the 2019-2020 water year.

The U.S. Drought Monitor on Thursday showed all of Marin County and about a third of the state as being in an exceptional drought, the highest drought category.

Forecasts by the Marin Municipal Water District show it could run out of water in its seven reservoirs in the Mount Tamalpais watershed by August 2022. The forecast assumes this winter will be as dry as the last and conservation still hovers around 20%.

Information on existing water conservation mandates and programs can be found at [marinwater.org/water-conservation](http://marinwater.org/water-conservation) and [nmwd.com/save-water/indoors](http://nmwd.com/save-water/indoors).

Both water districts have implemented mandatory water use restrictions aimed at stretching out supplies in the hopes of being rescued by a dousing of rain this winter.

The Marin Municipal Water District is requiring its 191,000 customers in central and southern Marin to collectively cut back water use by 40%. The North Marin Water District switched from voluntary to mandatory



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# Cracking the Water Industry's Glass Ceiling

Female utility executive works hard to attract more women to the water industry.

📄 Appeared in print as *"Cracking the Glass Ceiling"*

✍ By Ken Wysocky

🕒 June 2021

📁 The Human Side



As a high schooler, Doa Ross could've just as easily followed the stereotypical career path more frequently traveled by young women decades ago and become a cosmetologist.

Instead, she earned an engineering degree and now is the deputy general manager of engineering at the Las Vegas Valley Water District.

“When I walked onto the University of Nevada, Las Vegas campus for the first time, I declared my major and never changed my path,” she says.

The factors that influenced her career choice — things such as job portability, competitive pay and a chance to serve a community — illustrate the buttons utility recruiters could push as they try to make water-industry careers more appealing to women. They also underscore the importance of community outreach in spreading the word to girls and young women, a message Ross never heard as a young woman.

“Unfortunately, I didn't have any guidance or influence to pursue engineering,” she says. “If I had listened to my high school counselor, I would have gone to beauty school.”

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“But during my senior year, I took the military's vocational aptitude test and scored the highest in engineering,” she continues. “That's when I started to investigate careers in engineering.”

Ross, 47, went on to earn a civil-engineering degree at UNLV. After graduation, she worked at an engineering firm for two years before joining the LVVWD as an assistant water engineer in 2000.

### Appealing careers

Many factors influenced her decision to become an engineer and enter the water industry, and they're items recruiters at water utilities should take to heart as they try to convince women to come aboard.

“I wanted a career that I’d be able to take anywhere in the country, or even the world,” she says. “Something that didn’t depend on my age, appearance, race and so forth.”

**Related:** [Water Utility Emphasizes Innovation](#)

“I wanted something that paid well enough to comfortably support myself and my family,” she adds. “And I wanted a job that would not be replaced by a computer and that I could be proud of by giving back to the community.”

Women remain underrepresented in the water industry (except for administrative/clerical positions). And while women make up nearly 47% of workers across all occupations nationwide, they account for only about 15% of the water workforce, according to a 2018 Brookings Institution report.

Nonetheless, the industry is well-positioned to improve on that dynamic, given that it faces an unprecedented wave of retirees that will leave room for women to backfill their ranks. And if the water industry is going to make headway on gender equality, it would behoove its leaders to more actively engage female mentors and reach out to younger females as early as possible, she says.

### **Mentors matter**

Ross is doing both. “I’ve had mentors and I’ve been a mentor,” she says. “There’s definitely a tight relationship among the women in our organization, in both the technical and nontechnical fields, we look out for each other.”

**Related:** [Trenchless advocacy brings results](#)

Ross also makes time to give presentations about engineering opportunities for women at the UNLV career center and at meetings of the Society for Women Engineers. The title of her presentation is *Breaking the Mold of a Traditional Engineer*.

“And every time I do so, I also bring one or more women in technical fields along so they too can speak about their experiences,” she adds. “If we can show the world that women can be successful in water and wastewater industries, then we help change the mentality and mindset about what people expect engineers to look like.”

“We want to show potential employees that what they see is what we’re trying to promote — diversity, equality, equal pay (compared to men) and equal chances to demonstrate their skills and abilities.”

### **Spreading the word**

Ross also has volunteered at summer camps for middle-school girls interested in science, technology, engineering and math careers.

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“I tell them how I became interested in this career and the path I took to get here,” she explains. “It lets them know there are opportunities out there beyond what their advisers might tell them about.

“We have to change the mantra at that level ... there’s not a lot of influence at the high school level to encourage young women to enter traditionally male-dominated fields.”

The value of diversity can’t be underestimated. If every water utility employee came from the same background and had the same education and life experiences, they’d all tend to come to the same design solutions, Ross points out.

“When you have different backgrounds and educations, you get different perspectives and innovations and break away from that we’ve-always-done-it-this-way mentality,” she says.

### **Slow but steady success**

**Related:** [Continuing Water and Wastewater Education](#)

Careers in the water industry should be attractive to women, for many reasons, experts opine. There’s the environmental stewardship angle, which should resonate with females. Job openings should be more plentiful in the coming years in the wake of retiring, and largely male, baby boomers. Many jobs don’t require expensive four-year degrees and the pay is competitive.

So what’s the problem? For starters, there’s the aforementioned lack of awareness of opportunities for women. Then there’s the time element; changing perceptions just doesn’t happen overnight, she notes.

But overall, Ross says she sees signs that gender equity is quietly happening, both at LVVWD and other agencies.

As an example, Ross points to a global conference she attended in November 2019 in Houston. Leading utilities were asked to nominate next-generation water-industry leaders and Ross was one of four future leaders chosen to speak at the conference. The topic: Envisioning the ideal water utility in the year 2050.

At the conference, she received a pleasant surprise.

“All four of the presenters were women,” she says. “So I don’t see myself at all as a unicorn in the industry. This is the wave of the future. We have to start looking at people for what they have to offer as opposed to what they look like.

“It’s hard to bend the curve,” she says. “There’s no doubt it will take time. But it’s happening.”

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Lightening The Load

## 🗨️ Discussion

## Desalination decision resurfaces

### MARIN'S WATER CRISIS

Officials who opposed building plant in 2010 defend stand despite drought

By Will Houston

[whouston@marinij.com](mailto:whouston@marinij.com)

The Marin Municipal Water District, facing the possibility of running out of water next summer, is scrambling to plan for two emergency projects to keep the taps flowing in case of another dry winter: a temporary desalination plant and a pipeline across San Francisco Bay.

But nearly 11 years ago, the district chose not to build a desalination plant that could have supplied as much as 60% of its current yearly potable water demand — though at a high price.

The district, which serves 191,000 residents in central and southern Marin, had



been exploring desalination since the early 1990s and has tested two pilot desalting sites. But it began seriously considering the idea in the 2000s after forecasts showed it would not be able to meet future water demands.

After years of studies and tests, the district's board decided in 2010 to shelve the project as residents and businesses gradually cut back their water use in the intervening years. The proposal also received strong pushback over high costs, environmental concerns and the potential to spur what critics said was unsustainable development.

But unlike then, the district could run out of its main reservoir supplies by August 2022 should the region experience a third dry rainy season in a row.

In preparation for this worst-case scenario, the district is considering emergency supply projects such as temporary desalination plants and a water pipeline across the Richmond-San Rafael Bridge.

Ford Greene, a San Anselmo councilman who opposed the original desalination project, said it would be



The pier at the Marin Rod and Gun Club stretches out into the bay in San Rafael. The district once envisioned constructing a desalination plant near the area that could provide 5 million to 15 million gallons of drinking water per day.

ALAN DEP — MARIN INDEPENDENT JOURNAL

5

be obtained or water use was reduced, he said. But by the time the board got around to certifying an environmental review of the plant in 2009, water use had been on a downward trend. Part of the reason was a minor drought the state experienced from 2007-09.

“The district was asking people to conserve water and then the recession hit in 2008 and that really affected demands as well,” Hellicker said.

In response, the district board decided to shelve the project in 2010. The downward trend in water use continued in the following years. In 2016, the board reaffirmed its decision not to move forward with desalination after annual water demand reduced to 21,000 acre-feet amid the 2012-2017 drought.

“By pushing conservation, we fundamentally altered what the demand projections are, and at the fraction of the cost of desalination,” Koehler said at the time. “In many ways, Marin is a model of where California is going.”

“We are in sound shape as long as we won't have extreme drought,” board member Jack Gibson said in



(2)

foolish to dismiss a temporary desalination plant outright given the situation the county now faces.

“The major difference is at that time Marin and the West were not involved in a drought of millennial proportions in which we are now,” Greene said. “You’re not going to have one of the wealthiest counties in the country run out of water.”

Cynthia Koehler, the water district’s board president and an environmental lawyer, has been on the board since 2005. She said she and the board made the right decision at the time not to proceed with the desalination plant and instead focus efforts on water conservation and recycling projects.

“We have been able to provide this very affordable, very reliable, very stable source of water for all that time,” said Koehler. “We would have sustained very significant costs and really provided no significant water benefits to justify that cost.”

Still, Koehler said, desalination has always remained an option.

**Others faced issue**

Similar debates on desalination have played out across California.

San Diego completed a \$1 billion desalination plant in Carlsbad in 2015, which now provides 10% of the city’s water demand. The county’s water authority declared last month that the city is “droughtsafe” this summer as a result of this investment and tapping into Colorado River supplies.

Santa Barbara completed a \$72 million upgrade to its 1991 plant that now supplies 30% of the city’s demand. Locally, the city of Antioch approved a \$110 million brackish desalination plant to treat San Joaquin River water in 2020. Other communities, such as Santa Cruz, have struck down similar projects.

Rather than build a permanent desalination plant as was proposed in the 2000s, the Marin Municipal Water District is considering leasing one or more prepackaged desalination plants to weather the current drought. But there are still many questions remaining, including how many would be needed to meet demand, how many are available, how much they would cost and when they could arrive, said Ben Horenstein, the district’s general manager.

(6)

2016. “There is no need to bring in a mega-project like desalination for the time being, but it would be good to have on the back burner in an event like that.”

**Public pushback**

The idea for the desalination plant did not come without opposition.

In 2010, opponents of the idea placed an initiative of the November election that would require voter approval for any planning, engineering studies and construction of the plant.

Greene, the San Anselmo councilman, was one of several local officials who backed the measure.

The desalination plant, he said, would have acted as a “green light for development that would hurt the open space way of life we enjoy in Marin and would also undercut the necessity for conservation that is required when human beings must live within our means.”

The district countered this with its own measure that would limit the need for voter approval only for financing and construction of the plant.

Nona Dennis of the Marin Conservation League backed the district’s measure as the alternative would have acted as a “straitjacket” that could prevent the district from even studying a potential long-term water source.

Steve Kinsey, a county supervisor at the time, supported the district’s measure for similar reasons. However, he recognized the pushback at the time and said the district acted appropriately when it chose not to pursue the plant.

“I think if you take the big view of Marin’s 100-year future, desal may well be a part of it,” Kinsey said. “But I don’t think there has been anything that suggests they should have moved more quickly on desal since 2010.”

The district’s measure ultimately won the voters’ approval. Horenstein said it’s unclear whether the current proposal for a temporary desalination plant would require voter approval. If the district pursues the option, it could hold a special election or try for the November election.

**Legal challenge**



(3)

So far, Horenstein said, the district found the option would be a “relatively difficult endeavor.”

Leasing the desalting plants would cut costs significantly compared to what it would take to build a plant, Horenstein said. Actual cost estimates have yet to be provided.

In 2009, the district estimated a permanent desalination plant on San Rafael Bay would cost \$111 million to \$173 million to build and \$11 million to operate each year.

The tradeoff with the temporary plant, Horenstein said, is that the district would not have a desalination plant immediately available the next time a major drought hits.

The board could make a decision on whether to focus its planning efforts on the desal plant or the bridge water pipeline at its July 16 meeting, Horenstein said.

**Testing desal**

The water district tested desalination twice in the past 30 years, using pilot plants on the bay in 1990 and from 2005 to 2007.

The district envisioned constructing a plant on San Rafael Bay water at a pier near the Marin Rod and Gun Club that could provide 5 million to 15 million gallons of drinking water per day. Annually, that amount equates to about 20% to 60% of the district’s current potable water demand.

The plant would filter out the salt and other materials through microfilters and reverse osmosis to produce one gallon of potable water for every two gallons of bay water. The remaining brine would then be mixed with wastewater from Central Marin Sanitation Agency to reduce its concentration before being released back into the bay through an outfall pipe.

The desalted water would have cost \$2,000 to nearly \$3,000 per acre-foot to produce compared to the \$1,000 per acre-foot the district was charging at the time. Additionally, the district’s energy consumption was projected to quadruple.

The district was eyeing a potential bond measure to pay for the project, with rates expected to increase by about 17% at the time.

The desalination plant would have also had to run continuously and would not be able to sit idle unless



(7)

The pushback wasn’t limited to the ballot box. An environmental organization and group of residents sued the district in 2009 and alleged its environmental review of the desalination plant was flawed. The litigants said the plan would cause a population growth of up to 85,000 people in Marin; discharge up to 30 million gallons of brine into San Rafael Bay that would harm marine wildlife; potentially expose the public to contamination; and quadruple energy consumption.

A Marin County Superior Court judge ruled in favor of the litigants, but an appellate court overturned the decision in 2013. The state Supreme Court declined to hear the case.

Among the litigants was district board member Larry Bragman, then a Fairfax Town Council member. Bragman was elected to the board in 2014 and ran on a platform that opposed the district’s consideration at the time to build a permanent water pipeline across the bridge.

Despite the looming crisis, Bragman said he remains skeptical about a permanent desalination plant and a pipeline across the bridge. His concerns about the desalination plant range include greenhouse gas emissions, high costs, “crushing debt load” for the district and impacts to marine life.

“In the near term, the district will need to consider leasing a temporary desal barge if the drought deepens,” Bragman wrote in an email. “This may provide the relief supply needed without the environmental and financial pitfalls of a permanent installation.”

Longtime Fairfax councilman and North Coast Rivers Alliance president Frank Egger was also a litigant. Egger is still opposed to desalination — temporary or not.

“I think it would be a pretty ferocious battle here if they tried to put a desalination plant where they tried to put the last one,” Egger said.

Instead, he said, the district should suspend all new water hookups, expand its recycled water system and focus heavily on water conservation and use restrictions.

“I think we have the capability here to deal with it, and we have to cut back on our usage flat out,” Egger said.





4

during an emergency, Koehler said.

“It’s not a light switch,” she said.

**The 2010 decision**

Paul Hellicker, the district’s general manager at the time, said exploration of desalination was prompted by a study that found district supplies would not meet increased water demands in the coming decades. Water use was reaching as high as 32,000 acrefeet per year, which was about 12% more than the district could sustain during a severe drought similar to that of 1976-77.

Future growth and uncertainty of Sonoma Water deliveries, which make up 25% of the district’s supply, were projected to widen that deficit unless another source of water could

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Water levels in the Nicasio Reservoir continue to recede. Water officials are considering a temporary desalination plant and a pipeline across San Francisco Bay if the dry weather continues.

ALAN DEP — MARIN INDEPENDENT JOURNAL, FILE

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## Teresa Lerch

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**From:** Mark Millan <millan@datainstincts.com>  
**Sent:** Sunday, July 4, 2021 9:59 AM  
**To:** Undisclosed Recipients  
**Subject:** Santa Cruz weighs its water options - SC Sentinel 7/4/21

### Santa Cruz weighs its water options

Gary Griggs, Santa Cruz Sentinel 7/4/21

A new word has entered our climate vocabulary in recent years: megadrought. Although it doesn't have a precise definition, it's considered by meteorologists to be a severe dry period lasting several decades or longer. Dendrochronology, or the study of tree rings, has extended our climate records in the southwest back about 1,200 years. When water is abundant, trees grow larger rings, and when its dry, they are narrower.

During the past 1,200 years and based on the examination of nearly 1,600 tree-ring records from the southwest, there were four periods of megadroughts when precipitation was minimal for several decades or longer. One of these in the 13th century lasted more than 90 years. Researcher who carried out this study concluded that as measured by soil moisture content, the current drought is more severe than three of the ancient ones. This puts our present situation in some perspective and is clearly not good news.

Our water allocations, our huge agricultural industry, and our population distribution were all developed or created under much wetter conditions than we are experiencing today. Large reservoirs at the lowest levels ever in some cases, falling groundwater levels, and cut-off of water to some Central Valley farmers, are just a few of the effects of extended droughts in recent years.

After many months of meetings several years ago during an earlier drought, the Santa Cruz Water Supply Advisory Committee (WSAC) boiled down all of its discussions and options for the future water supply of Santa Cruz to a list of the final four: 1) more conservation measures; 2) additional capture and storage of winter runoff, whether surface or subsurface storage; 3) recycled wastewater with different uses, both non-potable and potable; 4) desalination.

As we continue into this second year of one of the two driest two-year periods in California's recorded rainfall history, it's a good time to check and see what progress has been made on these measures.

No. 1, water conservation, is the easiest and has essentially no costs. All city water customers have now been notified that we have entered Stage 1 of water conservation, which consists mainly of guidelines and household volumes for water usage. The next stage with water rationing may well be in our future.

Nothing has been done regarding No. 2, additional capture and storage of winter runoff (which requires at least average rainfall and stream flow). This is a far more complex and costly option than conservation. There are no dams or reservoirs being planned in Santa Cruz County and it is highly unlikely that these would happen anytime soon. Projects such as these take decades and are very expensive.

There is no mechanism in place and no easily available location to capture and store significant amounts of additional winter rainfall. Our only large storage reservoir, Loch Lomond, was built in 1960, and no significant additional storage has been added to the system in the subsequent 60 years. Fortunately, to date, Loch Lomond and our conservation measures have carried us through the historic droughts.

Anyone who lives or has driven through the West Side of Santa Cruz on California Street recently will have noticed a pipeline going underground along the stretch between Bay Street and Laurel Street. This is the beginning of an 8-mile

pipeline that will carry treated wastewater from a new Recycled Water Facility and pump station at the Santa Cruz Treatment Plant in Neary's Lagoon to a new Water Purification Center on Chanticleer Avenue.

This purified water will then be conveyed to three wells to recharge the Purisima aquifer and also create a freshwater barrier to prevent further seawater intrusion into the aquifer, the source of essentially all of Soquel Creek County Water District's water supply.

This project came about after seven years of planning and environmental analysis in response from the state declaring that the Santa Cruz Mid-County groundwater basin was being critically overdrafted, or in other words, more water was being pumped out of the ground than was going back in from rainfall and streamflow. Soquel and the aquifer they share with the City of Santa Cruz, Central Water District, and thousands of private well owners are not alone with this problem, however.

Groundwater overdraft has been widespread throughout the state for years as drought years have reduced fresh water supply from snowmelt and streamflow leading farmers and others to over pump the groundwater basins. The local Santa Cruz Mid-County Groundwater Agency is doing something about it, and its Groundwater Sustainability Plan is one of the first plans to be approved by the state. The Plan identifies this purified recycled water as a primary project to help achieve the state's mandate for basin sustainability by the year 2040.

This leaves Santa Cruz with recommendations Nos. 3 and 4. Where are we with either of these? More to come. *Gary Griggs is a Distinguished Professor of Earth and Planetary Sciences at UC Santa Cruz. He can be reached at [griqqs@ucsc.edu](mailto:griqqs@ucsc.edu). For past Ocean Backyard columns, visit <http://seymourcenter.ucsc.edu/about-us/news/our-ocean-backyardarchive/>.*

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## News Update



You received this email because your address has been entered into a distribution list of individuals who are interested in updates regarding recycled water.

## MMWD enacts one-day sprinkler limit

### DROUGHT STEPS

New water use restrictions OK'd in bid to increase conservation

By Will Houston

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Most Marin residents will only be allowed to turn on their sprinklers on one assigned day per week under stricter drought rules passed by the Marin Municipal Water District.

The district voted unanimously on Tuesday evening to enact the one-day limit, down from two unassigned days under the prior water use restrictions it approved in May. Drip irrigation will be limited to two unassigned days per week, down from three, and hand-watering will remain exempt. The rules took effect upon passage. The assigned sprinkler watering days:

- Monday: Ross, Tiburon, Belvedere, San Geronimo, Forest Knolls, Lagunitas
- Tuesday: San Rafael, unincorporated Marin County
- Wednesday: San Quentin, Sausalito, Corte Madera, San Anselmo • Thursday: Mill Valley
- Friday: Woodacre, Larkspur,

Fairfax, Greenbrae, Kentfield

- Saturday and Sunday: None



Tree stumps are exposed by a receding shoreline at the Nicasio Reservoir. The reservoir levels are about 43% of capacity.

ALAN DEP — MARIN INDEPENDENT JOURNAL, FILE

The district can enforce the rules through fines as large as \$250 per violation.

The rules were passed in part because many of the 191,000 central and southern residents served by the district still continue to use their sprinklers three or more times a week despite projections showing the district potentially running out of its reservoir supplies next summer.

Ben Horenstein, the district's general manager, said switching to one assigned day per week gives the district and residents better enforcement capabilities.

"This will give staff a tool to get out there and help target folks with education followed by enforcement that are not yet engaged," Horenstein told the board,



swimming pools — if it achieves 40% conservation between May and December. Nearly two-thirds of the savings would occur through reductions in outdoor watering. But if current conservation trends hold through the coming months, the district would only achieve half of those savings.

Some ratepayers questioned how much water the one-day per week sprinkler limit would actually achieve, especially if people choose to soak their lawns.

"People are just going to use more water and in some cases, it is going to run off," James Krajieski told the board.

In past meetings, others suggested banning sprinkler use altogether similar to what the city of Healdsburg in



⑫ “because we will know who in ‘x’ town is watering on days that are not assigned, and create a tremendous opportunity for staff as well as potentially for neighbors to help let them know what’s in place with the district and the need to comply.”

The district has set up an online portal where residents can submit reports of water waste or violations at [marinwater.org/forms/water-waste-report](http://marinwater.org/forms/water-waste-report).

The rules aim to cut water use during the district’s peak demand period in the summer when use typically doubles, mostly because of outdoor irrigation. But data from nearly 800 customers who have installed water flow tracking devices showed just 35% of them were adhering to the two-day sprinkler use limit in June, according to Lucy Croy, the district water quality manager. About half were complying with the district’s drip irrigation rules.

In April, the district began mandating a 40% collective reduction in water use compared to 2018-2020. Ratepayers have only conserved by as much as 21% as of last week.

This is a problem for a district that projects it might run out of its supplies from its seven reservoirs by August 2022 should the region experience a third dry winter in a row and conservation fails to ramp up significantly. The reservoirs supply 75% of the district’s water, with the remaining 25% coming from imports from the Sonoma Water agency. Sonoma Water began reducing water imports by 20% on July 1 because of its own supply concerns.

The district’s reservoir levels are about 43% of capacity and are projected to drop to under a third of capacity by December, which would automatically trigger a 50% conservation mandate.

The district estimates it would save about 6,850 acre-feet of water — about 9% of its total supply capacity and enough water to fill about 3,400 Olympic-sized

⑨ Sonoma County did last month.

District staff said the conservation achieved so far is notable, especially given that it took ratepayers close to a year to comply with a 25% conservation mandate in 1976 during the county’s last drought of record. However, the district had to increase conservation to nearly 60% in 1977 and ban all landscape watering after another dry winter season and the potential of running out of water within four months.

The district has increased its supplies since then through Sonoma Water purchases, increasing total reservoir capacity and recycled water projects. However, similar to the 1970s, the district is now considering emergency supply projects, including a water pipeline across the Richmond-San Rafael Bridge in preparation for potentially running out of water next year.

In addition to the watering limits, the new rules adopted on Tuesday also “discourage” new plantings. Board director Larry Bragman said the directive is “pretty ambiguous and unenforceable” and suggested the district consider banning all new plantings on new developments, similar to what North Marin Water District approved in its drought restrictions.

“That would add some consistency and some kind of regulatory teeth to what we’re doing,” Bragman said.

The board is expected to consider the ban on new plantings at its next bimonthly board meeting on July 20.

The district is also considering the potential to suspend new water service hookups for developments, though the proposal has not come back to the board for discussion since June.

## Newsom sets stage for Marin water aid

### DROUGHT CRISIS

Emergency declaration helps county respond

By Will Houston

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Gov. Gavin Newsom declared a drought emergency for Marin County on Thursday, opening the door for potential resources and special allowances for local agencies to respond to the historic dry conditions.

“I think it’s important the state has now recognized the very dire situation that the county finds itself in like so much of the rest of the state,” said Cynthia Koehler, board president of the Marin Municipal Water District. “I think it sends an even more clear message than we had before, and we’re really looking forward to partnering with Gov. Newsom and his administration.”

While it is unclear what kind of resources or financial aid Marin could receive under the designation, it does allow for special considerations to be made for options such as a temporary reduction in dam water releases into Lagunitas Creek that benefit endangered fish. The Marin Municipal Water District, which serves 191,000 residents in central and southern Marin, is studying this

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life and potentially curtail stream and creek diversions by water rights holders, among other charges.

Drew McIntyre, general manager of the North Marin Water District, said the declaration could allow the district to temporarily reduce its Stafford Lake water releases that benefit fish in Novato Creek. Also, the state might consider loosening regulations on uses for recycled water such as allowing dairies to use recycled water to clean stalls, he said.

Besides the financial and procedural benefits, Newsom’s declaration reinforces the message for residents to take the drought as seriously as possible, said longtime Marin Municipal Water District board director Jack Gibson. After Newsom did not include Marin in his larger 39-county drought proclamation in May, Gibson expressed concern that the omission would counter the district’s calls for mandatory water

option to stretch out the supplies of its shrinking reservoirs, which could be depleted by next summer if dry conditions persist.

Newsom’s drought emergency declaration — the third since April — now applies to 50 of the 58 counties in the state. Marin was one of nine counties added on Thursday, along with Inyo, Mono, Monterey, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara and Santa Cruz.

Similar to the two previous declarations, Newsom directed state water agencies to expedite water transfers between suppliers, approve funds to protect water supplies, consider requests to temporarily reduce reservoir releases for wild-

emergency projects such as a water pipeline over the Richmond-San Rafael Bridge to pump in Central Valley water and a temporary destination plant on San Francisco Bay. The county built a pipeline across the bridge in 1977 during a similar drought to prevent the county from running out of water.

Meanwhile, the Sonoma Water agency — which supplies 75% of North Marin’s water and 25% of Marin Municipal Water District’s water — made a 20% reduction to its water imports on July 1 in response to its own supply concerns.

The district was the first major water supplier in the Bay Area to declare a drought emergency and adopt mandatory water use restrictions. The last 18 months have been the driest in the district’s nearly 143 years of records.

2

conservation. “We need the governor out there stepping up and saying it,” Gibson said. “That’s what captures the headline.”

McIntyre said it makes sense to include Marin in the declaration, considering its reliance on water from Sonoma and Mendocino counties, both of which were included in Newsom’s original drought declaration in April.

“It’s important that the messaging that we send to our customers is consistent with that of our neighboring counties and that is that in this region we’re all in emergency drought conditions,” McIntyre said.

Marin was not included in Newsom’s first two declarations in part because the county Board of Supervisors had not declared a local drought emergency. The county had also not requested any alterations to water rights or flow releases that would require emergency action by the state. The Board of Supervisors voted soon after to declare a local drought emergency.

The Marin Municipal Water District forecasts that its seven reservoirs in the Mount Tamalpais watershed could be depleted by August 2022 should the region experience a similarly dry winter as 2020-21 and if conservation efforts do not significantly increase. In preparation for this worst-case scenario, the district is exploring

4

The North Marin Water District, which serves about 64,000 residents in Novato and parts of West Marin, has also adopted mandatory restrictions in response to its lowest rainfall on records dating back to 1916. The town of Bolinas might soon be under mandatory water rationing of 125 gallons per day per household.

In addition to the emergency declaration, Newsom also approved an order calling for 15% water conservation statewide among residents, businesses, government agencies and industries. The state had previously required mandatory conservation among various communities during the 2012-17 drought.

The conservation mindset during that time has endured, resulting in a 16% reduction in residential water demand since the last drought, Newsom said during a press conference in San Luis Obispo on Thursday.

“This gives us an advantage over the last drought,” Newsom said.

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