



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

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

**DISTRICT BOARD**  
Megan Clark  
Ronald Ford  
Craig K. Murray  
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

**April 7, 2022**

*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, which was due to end on September 30, 2021 (Exec. Ord. N-08-21). However, the Legislature passed AB 361 which provides local agencies with the ability to meet remotely during proclaimed state emergencies under modified Brown Act requirements, similar in many ways to the rules and procedures established by the Governor's previous Executive Orders. - In light of this – the April 7, 2022 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, but not required, to submit comments in writing to the Board Secretary (tlerch@lgsd.org) by 5:00 pm on Wednesday, April 6, 2022. 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>.*

### REMOTE CONFERENCING ONLY

**Join Zoom Meeting online at: <https://us02web.zoom.us/j/86119763040>**

**OR**

**By teleconference at: +16699009128 Meeting ID: 861 1976 3040**

**MATERIALS RELATED TO ITEMS ON THIS AGENDA ARE AVAILABLE FOR  
PUBLIC INSPECTION ON THE DISTRICT WEBSITE WWW.LGVSD.ORG  
NOTE: Final board action may be taken on any matter appearing on agenda**

Estimated  
Time

**CLOSED SESSION:**

**4:00 PM 1A. CONFERENCE WITH LEGAL COUNSEL—ANTICIPATED LITIGATION** – Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Government Code § 54956.9: One case.

**OPEN SESSION:**

**4:15 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.

**4:20 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 March 3, 2022
- B. Approve the Warrant List for April 7, 2022
- C. Approve Murray attending the CASA/CWEA Partnering for Impact event April 11, 2022
- D. Approve Murray attending the CSDA Annual Conference and Exhibitor Showcase August 22-25, 2022 Palm Springs, CA.
- E. Approve Order of Publication for Ordinance No. 189
- F. Approve Guide Dogs for the Blind Easement, Quitclaim and Resolutions 2022-2242  
And 2022-2243
- G. Approve Resolution 2022-2246 Board Policies B-20 Board Member Interaction with Staff F-20 Financial Reporting and hold initial review of B-30 Board Meeting Agenda and F-30 Accounting and Auditing.
- H. Approve Strategic Plan Workshop

Possible expenditure of funds: Yes, Item B through D and H.

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

**4:45 PM 3. INFORMATION ITEMS:**  
**STAFF/CONSULTANT REPORTS:**

- 1. Interim General Manager’s Report – Verbal
- 2. District Correspondence - Written

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- 5:00 PM**      **4. APPROVE RESOLUTION 2022-2247 FIXING TIME AND PLACE FOR BUDGET HEARING AND RESOLUTION 2022-2248 FIXING TIME AND PLACE FOR SEWER SERVICE CHARGE**  
Board to review Resolution 2022-2247 fixing time and place for a Budget hearing and Resolution 2022-2248 fixing time and place for Hearing on Sewer Service Charge.
- 5:10 PM**      **5. ADMINISTRATIVE POLICY CONCERNING COVID-19 SUPPLEMENTAL PAID SICK LEAVE (“SPSL”) UNDER LABOR CODE SECTIONS 248.6 AND 148.7**  
Board to review Administrative Policy concerning COVID-19 Supplemental Paid Sick Leave.
- 5:25 PM**      **6. SEWER RATE/LOW INCOME ASSISTANCE PROGRAM**  
Board to review the Sewer Rate Low Income Assistance program.
- 5:45 PM**      **7. SOLAR PHOTOVOLTAIC SYSTEM UPGRADE**  
Board to review the Draft Request for Proposals for the Solar Photovoltaic Power Purchase Agreement.
- 6:00 PM**      **8. BOARD MEMBER REPORTS:**
1. CLARK
    - a. NBWA Board Committee, NBWA Conference Committee, 2022 Operations Control Center Ad Hoc Committee, Other Reports
  2. FORD
    - a. NBWRA, Gallinas Watershed Council, Marin Special Districts Association, 2022 Ad Hoc Engineering Committee re: STPURWE, 2022 Operations Control Center Ad Hoc Committee, 2022 Human Resources Ad Hoc Committee, Other Reports
  3. MURRAY
    - a. Marin LAFCO, CASA Energy Committee, 2022 GM Recruitment Ad Hoc Committee, Other Reports
  4. SCHRIEBMAN
    - a. JPA Local Task Force, Gallinas Watershed Council, 2022 Legal Services Ad Hoc committee, 2022 Biosolids Ad Hoc Committee, 2022 Human Resources Ad Hoc committee, Other Reports
  5. YEZMAN
    - a. Flood Zone 7, CSRMA, 2022 Ad Hoc Engineering Committee re: STPURWE Engineering Subcommittee, 2022 Legal Services Ad Hoc Committee, 2022 GM Recruitment Ad Hoc Committee, Marin Special Districts, 2022 Biosolids Ad Hoc committee, Other Reports
- 6:10 PM**      **9. BOARD REQUESTS:**
- A. Board Meeting Attendance Requests – Verbal
  - B. Board Agenda Item Requests – Verbal

6:15 PM 10. VARIOUS INDUSTRY RELATED ARTICLES

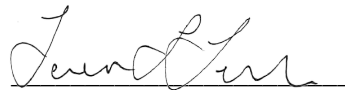
6:20 PM 11. ADJOURNMENT

**FUTURE BOARD MEETING DATES: APRIL 21 AND MAY 5, 2022**

AGENDA APPROVED:	Judy Schriebman, Board President	Patrick Richardson, 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 March 31, 2022, 4:00 p.m., I posted the Agenda for the Board Meeting of said Board to be held April 7, 2022, at the District Office, located at 101 Lucas Valley Road, Suite 300, San Rafael, CA.

DATED: March 31, 2022



Teresa L. Lerch  
District Secretary

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

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

**4/7/2022**

**CLOSED SESSION**

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

## AGENDA ITEM 1

**4/7/2022**

### **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.**

Agenda Item 2A  
Date April 7, 2022

## MEETING MINUTES OF MARCH 3, 2022

THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT MET IN OPEN SESSION BY ZOOM CONFERENCE ON MARCH 3, 2022, AT 4:03 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:** M. Clark, R. Ford, C. Murray, J. Schriebman and C. Yezman

**BOARD MEMBERS ABSENT:** None.

**STAFF PRESENT:** Chris DeGabriele, Interim General Manager; Teresa Lerch, Board Secretary; Dale McDonald, District Treasurer;

**OTHERS PRESENT:** David Byers, District Counsel;

**ANNOUNCEMENT:** President Schriebman announced that the agenda had been posted as evidenced by the certification on file in accordance with the law

**1. PUBLIC COMMENT:** A member of the Public spoke to the Board.

**ACTION:**

THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT ADJOURNED TO CLOSED SESSION ON MARCH 3, 2022 , AT 4:11 PM, BY ZOOM CONFERENCE AND AT THE DISTRICT OFFICE, 101 LUCAS VALLEY ROAD, SUITE 300, CONFERENCE ROOM, SAN RAFAEL, CALIFORNIA.

Lerch left at 4:11 pm.  
McDonald left at 4:11 pm

**CLOSED SESSION:**

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

**ADJOURNMENT:**

**ACTION:**

The Board of Directors of the Las Gallinas Valley Sanitary District reconvened the Regular Session on March 3, 2022 at 4:35 pm.

**BOARD MEMBERS PRESENT:** M. Clark , R. Ford, C. Murray, J. Schriebman, C. Yezman

**STAFF PRESENT:** Chris DeGabriele, Interim General Manager; Dale McDonald, District Treasurer; Teresa Lerch, District Secretary; Mike Cortez, District Engineer; Mel Liebmann, Plant Manager

**OTHERS PRESENT:** Patrick Richardson, District Counsel (arrived 4:38 pm), Tom Gorman, Kennedy Jenks; Justin Logan, AQUA.

**PUBLIC COMMENT:** None.

**REPORT ON CLOSED SESSION:** President Schriebman reported that there were no reportable actions in Closed Session.

**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 February 3, 2022
- B. Approve the Warrant List for March 3, 2022
- C. Approve Murray attending Biosolids 101 CASA Webinar March 7, 2022
- D. Approve Resolution 2022-2239 – Adopting a Revised Pay Schedule for All Employees of the District
- E. Approve Resolution 2022-2240 – Amending the Employment Agreement with Interim General Manager Chris DeGabriele
- F. Approve Guide Dogs for the Blind Easement, Quitclaim and Resolutions 2022-2242 And 2022-2243

Item F was discussed and pulled by Staff.

**ACTION:**

Board approved (M/S Ford/Murray 5-0-0-0) the Consent Calendar items A through E.

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

**3. INFORMATION ITEMS:**

**STAFF / CONSULTANT REPORTS:**

- 1. Interim General Manager's Report – DeGabriele reported.
- 2. District Correspondence – discussed ensued.
- 3. Secondary Treatment Plant Upgrade and Recycled Water Project update Presentation - Cortez, Tom Gorman from Kenned/Jenks and Justin Logan, from Aqua.
- 4. Board Policy Review: B-10 Minutes of Board Meeting and F-10 General Finance – DeGabriele and Lerch - Board to review these two policies, and advise additional feedback by March 9 for inclusion into policy revisions.

**4. BUDGET REPORT FISCAL YEAR 21/22**

Board and staff discussed the Budget Report Fiscal Year 2021-22. District Treasurer will follow up with information regarding Capital Reserves funding and Debt Service Coverage Ratio.

**5. PUBLIC COMMENT:**

None

**6. BOARD MEMBER REPORTS:**

1. CLARK

- a. NBWA Board Committee –no report
- b. NBWA Conference Committee – no report
- c. 2022 Operations Control Center Ad Hoc Committee – no report
- d. Other Reports–no report

2. FORD

- a. NBWRA – verbal report
- b. Gallinas Watershed Council– no report
- c. 2022 Engineering Ad Hoc Committee re: Secondary Treatment Plant Upgrade – no report



- d. 2022 Operations Control Center Ad Hoc Committee – no report
- e. 2022 Human Resources Ad Hoc Committee –no report
- f. Marin County Special Districts Association – no report
- g. Other Reports – verbal report – CSDA Workshop

3. MURRAY

- a. Marin LAFCO – no report
- b. CASA Energy Committee– verbal report
- c. 2022 GM Recruitment Ad Hoc Committee - no report
- d. Other Reports – verbal - CASA Washington DC Conference

4. SCHRIEBMAN

- a. JPA Local Task Force– no report
- b. Gallinas Watershed Council – verbal report
- c. 2022 Legal Services Ad Hoc Committee – no report
- d. 2022 Biosolids Ad Hoc Committee – no report
- e. 2022 Human Resources Ad Hoc Committee – no report
- f. Other Reports- no report

5. YEZMAN

- a. Flood Zone 7– no report
- b. CSRMA – no report
- c. Marin Special District Association – no report
- d. 2022 STPURWE Engineering Ad Hoc Committee– no report
- e. 2022 GM Recruitment Ad Hoc Committee – no report
- f. 2022 Legal Services Ad Hoc Committee – no report
- g. Other Reports–no report

**8. BOARD REQUESTS:**

- A. Board Meeting Attendance Requests – Schriebman and Yezman want to attend the CASA Biosolids 101 Webinar on March 7, 2022. Ford wants to attend the CSDA Leadership Conference in Napa on September 18-20, 2022.
- B. Board Agenda Item Requests- Schriebman requested the District Secretary Salary review be placed on an upcoming agenda.

**9. MISCELLANEOUS DISTRICT CORRESPONDENCE:**

No Discussion.

**10. ADJOURNMENT:**

**ACTION:**

Board approved (M/S Murray/Ford 5-0-0-0) the adjournment of the meeting at 6:50 p.m.

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

NOES: None.

ABSENT: None.

ABSTAIN: None.

The next Board Meeting is scheduled for March 17, 2022, 4 PM by Zoom Meeting at the District Office.

ATTEST:

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Teresa Lerch, District Secretary

APPROVED:

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Crystal J. Yezman, Board Vice-President  
SEAL

Agenda Item 2B  
Date April 7, 2022

Las Gallinas Valley Sanitation District  
Warrant List 4/7/2022 DRAFT

	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for Items
1	4/7/2022	EFT1	ADP Payroll	142,341.23		142,341.23	3/25/2022 Payroll & Processing Charges
2	4/7/2022	N/A	Aramark Uniform Service	1,235.17		1,235.17	Uniform Laundry Service week of 3/7 & 3/14, 3/21 & 3/28
3	4/7/2022	N/A	ArcSine Engineering	242,913.28		242,913.28	STPURWE- Programming Services- February & March
4	4/7/2022	N/A	ArcSine Engineering	7,715.69		7,715.69	Marin Lagoon Pump Station Programming
5	4/7/2022	N/A	AT&T	735.84		735.84	Phone Lines @ Pump Stations- 3/7-4/6
6	4/7/2022	N/A	AT&T (dba Calnet)	282.32		282.32	Phone Lines for Plant, Captains Cove, & Dockside Circle 2/20 - 3/19
7	4/7/2022	EFT2	Bank of Marin	47,335.64		47,335.64	Recycled Water Loan Payment- April
8	4/7/2022	EFT	Bank of Marin Cardmember Services	30,574.68		30,574.68	Credit Card Purchases from 2/4-3/7 2022
9	4/7/2022	EFT	Bay Area Air Quality Management Dist.	378.00		378.00	Permit to Operate- Vendola. Dr.
10	4/7/2022	N/A	Bob Murray & Associates	4,000.00		4,000.00	GM Recruitment Costs
11	4/7/2022	ACH	Breakpoint Sales	408.55		408.55	Receipt Books
12	4/7/2022	N/A	Briscoe Ivester & Bazel LLP	8,230.50		8,230.50	Legal Services for Potential Litigation- February
13	4/7/2022	N/A	Brown and Caldwell	3,440.64		3,440.64	STPURWE- Engineering Services- Feb
14	4/7/2022	N/A	California Water Environment Association	91.00		91.00	EE's Certification Renewal
15	4/7/2022	EFT	CalPERS 457 Plan	6,779.46		6,779.46	EE's Contribution to Deferred Comp. Paydate 3/25/22
16	4/7/2022	EFT	CalPERS CERBT-OPEB	11,630.00		11,630.00	Pre-Fund CERBT Payment -April
17	4/7/2022	EFT	CalPERS Retirement	21,523.87		21,523.87	EE & ER Payment to Retirement- Paydate 3/25/2022
18	4/7/2022	ACH	Caltest Analytical Lab	3,861.65		3,861.65	Sample Testing
19	4/7/2022	N/A	Centricity GIS	8,714.30		8,714.30	STPURWE-Asset Onboarding
20	4/7/2022	N/A	Cintas	144.14		144.14	Safewasher Service & Filter Replacement -March
21	4/7/2022	N/A	Cintas	91.23		91.23	BBP Kits Checked
22	4/7/2022	N/A	Comet Building Maintenance	2,102.82		2,102.82	Janitorial Services- March
23	4/7/2022	ACH	Contractor Compliance & Monitoring	7,104.98		7,104.98	Labor Compliance - Feb
24	4/7/2022	N/A	County of Marin, Dept. of Public Works	24,900.00		24,900.00	Region Road Rehab. Project. Adjusted 20 Manholes, & 7 Sewer Cleanouts.
25	4/7/2022	19241	Department of Motor Vehicles	16,904.00		16,904.00	Taxes and License Fees for 2022 Dodge Ram Truck Bought Out of State
26	4/7/2022	EFT	Direct Dental	278.13		278.13	EE's Dental Payment
27	4/7/2022	EFT	Discovery Benefits	4.58		4.58	FSA Payment
28	4/7/2022	ACH	EOA	17,285.00		17,285.00	Technical Support for Regulatory Permits- Jan
29	4/7/2022	ACH	Fastenal	310.37		310.37	Trubolts, Mics, Supplies

Las Gallinas Valley Sanitation District Warrant List 4/7/2022 DRAFT							
	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for items
30	4/7/2022	ACH	Grainger	2,938.22		2,938.22	Electric Air Compressor, Stepladder, Hand Drum, Grease, Pipe Wrench
31	4/7/2022	ACH	Hach	2,149.00		2,149.00	Field Labor
32	4/7/2022	N/A	Hazen and Sawyer	7,110.00		7,110.00	Digester Room MCC Upgrades- Feb
33	4/7/2022	ACH	Kleinfelder	6,250.39		6,250.39	STPURWE- Construction Inspection & Materials Testing
34	4/7/2022	N/A	Kyocera Document Solutions	998.93		998.93	Quarterly Copier Charges, Dec-Mar
35	4/7/2022	N/A	Liebert Cassidy Whitmore	2,174.50		2,174.50	Legal Advice- Feb, Board Member Training
36	4/7/2022	N/A	Marin Ace	108.23		108.23	Gate Latch, Sandpaper, Screws, Pine Boards, O-Rings, Rubber Strap
37	4/7/2022	N/A	Marin/Sonoma Mosquito & Vector Control	221.27		221.27	Mosquito Control @ Ponds
38	4/7/2022	N/A	McPhail Fuel Company	935.28		935.28	Propane Purchase
39	4/7/2022	ACH	National Auto Fleet Group	37,606.66		37,606.66	2022 Ford Transit Cargo Van
40	4/7/2022	N/A	North Bay Petroleum	2,930.44		2,930.44	Purchase of Unleaded & Diesel Fuel
41	4/7/2022	N/A	North Valley Labor Compliance	150.00		150.00	Labor Compliance Services for LMC Revegetation Management
42	4/7/2022	N/A	Operating Engineers	587.48		587.48	Union Dues 3/25 Paydate
43	4/7/2022	ACH	Orion Protection Services	318.50		318.50	Patrol Services for 300 Smith Ranch Rd.
44	4/7/2022	N/A	Pace Supply	3,031.74		3,031.74	Sample Pump Parts
45	4/7/2022	N/A	PG&E	648.63		648.63	Solar Account 1/26 - 2/24
46	4/7/2022	N/A	Platt	622.22		622.22	Misc. Supplies
47	4/7/2022	N/A	Rafael Lumber	178.22		178.22	Misc. Supplies
48	4/7/2022	N/A	Riedinger Consulting	7,962.50		7,962.50	STPURWE- On-Call Construction Schedule Review Support
49	4/7/2022	N/A	SiteOne Landscape Supply	71.87		71.87	Misc. Supplies
50	4/7/2022	N/A	Towne Communications	1,194.21		1,194.21	Program IP Office for SIP Trunks & Support Cutover
51	4/7/2022	N/A	Underground Service Alert	472.79		472.79	CA State Fee for Regulatory Costs Jan 1- June 30, 2022
52	4/7/2022	N/A	United Site Services	647.80		647.80	Porta Potties for Water Stopages
53	4/7/2022	ACH	Univar	10,564.38		10,564.38	Sodium Hypochlorite & Sodium Bisulfite
54	4/7/2022	N/A	USA Blue Book	947.62		947.62	Tube Assembly
55	4/7/2022	EFT	Vision Service Plan	477.18		477.18	Vision Payment - April
56	4/7/2022	N/A	Water Components & Building Supply	169.60		169.60	"Share the Road" Sign, Brooms
57	4/7/2022	ACH	WECO	1,400.63		1,400.63	Skid Replacment & Nozzle Extensions
58	4/7/2022	EFT	WEX Health	832.00		832.00	EE's FSA Payment

**Las Gallinas Valley Sanitation District  
Warrant List 4/7/2022 DRAFT**

	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for items
59	4/7/2022	N/A	Woodland Center Auto Supply	229.04		229.04	Fluid Evacuator, Oil
60	4/7/2022	N/A	WRA Consultants	833.00		833.00	Vegetation Management in Reclamation

Do not change any formulas below this line.

TOTAL \$ 706,079.40    \$ -    \$ 706,079.40

EFT1	EFT1 = Payroll (Amount Required)	142,341.23	142,341.23	Approval: <table border="1" style="width: 100%;"><tr><td> </td></tr><tr><td>Finance</td></tr><tr><td> </td></tr><tr><td>GM</td></tr><tr><td> </td></tr><tr><td>Board</td></tr></table>		Finance		GM		Board
Finance										
GM										
Board										
EFT2	EFT2 = Bank of Marin loan payments	47,335.64	47,335.64							
PC	Petty Cash Checking	0.00	0.00							
>1	Checks (Operating Account)	16,904.00	16,904.00							
N/A	Checks - Not issued	336,822.30	336,822.30							
EFT	EFT = Vendor initiated "pulls" from LGVSD	72,477.90	72,477.90							
ACH	ACH = LGVSD initiated "push" to Vendor	90,198.33	90,198.33							
	<b>Total</b>	<b>\$ 706,079.40</b>	<b>\$ 706,079.40</b>							

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

STPURWE Costs 269,281.11

## Las Gallinas Valley Sanitary District Reconciliation Detail

6204 - Credit Card at Elan Financial, Period Ending 03/05/2022

Type	Date	Name	Memo	Amount
<b>Beginning Balance</b>				
<b>Cleared Transactions</b>				
<b>Charges and Cash Advances - 96 items</b>				
Credit Card C...	02/04/2022	Victra Technology	Chargers for Fleet Vehicles CHRISTOPHER J GI...	-436.87
Credit Card C...	02/04/2022	Amazon.com	Office Supplies - 101 LVR PAM AMATORI;	-41.24
Credit Card C...	02/04/2022	San Rafael Police Dept	Permit for 2022 AMY SCHULTZ;	-20.00
Credit Card C...	02/07/2022	Comcast	Internet AMY SCHULTZ;	-537.54
Credit Card C...	02/07/2022	Amazon.com	Toner SAHAR GOLSHANI;	-383.74
Credit Card C...	02/07/2022	Amazon.com	Daily Diary OPS AMY SCHULTZ;	-94.83
Credit Card C...	02/07/2022	Amazon.com	Office Supplies - 300 SRR PAM AMATORI;	-76.46
Credit Card C...	02/07/2022	Amazon.com	Office Supplies - 101 LVR PAM AMATORI;	-60.03
Credit Card C...	02/07/2022	County of Marin Auditor-C...	Filing Fees PSL AMY SCHULTZ;	-39.50
Credit Card C...	02/07/2022	Amazon.com	Batteries SAHAR GOLSHANI;	-35.29
Credit Card C...	02/07/2022	Amazon.com	Spray Bottles SAHAR GOLSHANI;	-14.17
Credit Card C...	02/08/2022	Amazon.com	Office Supplies - 101 LVR & 300 SRR PAM AMA...	-194.01
Credit Card C...	02/08/2022	Amazon.com	Office Supplies - 101 LVR PAM AMATORI;	-40.44
Credit Card C...	02/09/2022	SC Barnes Buildings & Fe...	Gates @ Adrian Pump Station GREG PEASE;	-2,224.37
Credit Card C...	02/09/2022	Cal-West Rentals	Chipper Rental GREG PEASE;	-1,653.00
Credit Card C...	02/09/2022	IDEXX Distribution, Inc	Lab Chemcials SAHAR GOLSHANI;	-538.67
Credit Card C...	02/09/2022	Terminix	Rodent Control AMY SCHULTZ;	-364.00
Credit Card C...	02/09/2022	Hardy's Diagnostics	TSB & USP SAHAR GOLSHANI;	-214.57
Credit Card C...	02/09/2022	Amazon.com	Coffee SAHAR GOLSHANI;	-82.88
Credit Card C...	02/09/2022	Zoom	Zoom Video Meeting AMY SCHULTZ;	-54.99
Credit Card C...	02/09/2022	Cal-West Rentals	Gloves GREG PEASE;	-21.74
Credit Card C...	02/10/2022	PRM Filtration	Vapor Carbon Vessel DONALD E MOORE;	-1,258.32
Credit Card C...	02/10/2022	IDEXX Distribution, Inc	DPD Dispenser- Chlorine SAHAR GOLSHANI;	-256.15
Credit Card C...	02/10/2022	ReadyRefresh	Bottled Water Services AMY SCHULTZ;	-40.45
Credit Card C...	02/10/2022	Fastrak	Bridge Toll AMY SCHULTZ;	-30.00
Credit Card C...	02/10/2022	Amazon.com	Sanitizing Wipes SAHAR GOLSHANI;	-22.72
Credit Card C...	02/10/2022	Safeway	GM Birthday Cards TERESA LERCH;	-17.43
Credit Card C...	02/10/2022	Amazon.com	Scrubbers SAHAR GOLSHANI;	-12.01
Credit Card C...	02/11/2022	Amazon.com	Alcohol Wipes SAHAR GOLSHANI;	-183.44
Credit Card C...	02/11/2022	Amazon.com	Aspirator Assembly SAHAR GOLSHANI;	-87.90
Credit Card C...	02/11/2022	Amazon.com	Keyboard GREG PEASE;	-43.69
Credit Card C...	02/11/2022	Sonic.net	Internet Website AMY SCHULTZ;	-19.95
Credit Card C...	02/11/2022	Zoom	Zoom for Dale AMY SCHULTZ;	-14.99
Credit Card C...	02/14/2022	California Water Environm...	Conference C. Campbell AMY SCHULTZ;	-660.00
Credit Card C...	02/14/2022	Hach Company	Lab Chemicals SAHAR GOLSHANI;	-531.69
Credit Card C...	02/14/2022	Water Environment Feder...	Membership ROBERT M LIEBMANN;	-332.00
Credit Card C...	02/14/2022	ReadyRefresh	Bottled Water Service AMY SCHULTZ;	-78.81
Credit Card C...	02/14/2022	Amazon.com	Office Supplies GREG PEASE;	-70.90
Credit Card C...	02/14/2022	Amazon.com	Wasp Spray SAHAR GOLSHANI;	-36.70
Credit Card C...	02/14/2022	Amazon.com	Alcohol Wipes SAHAR GOLSHANI;	-34.69
Credit Card C...	02/14/2022	Amazon.com	Wasp Spray SAHAR GOLSHANI;	-18.35
Credit Card C...	02/14/2022	Amazon.com	Bottle Brush SAHAR GOLSHANI;	-5.45
Credit Card C...	02/15/2022	Diesel Exhaust Service	Filter Cleaning ROBERT J BUCHHOLTZ;	-299.00
Credit Card C...	02/15/2022	Terminix	Rodent Control AMY SCHULTZ;	-182.00
Credit Card C...	02/15/2022	Amazon.com	Febreze Air Freshner SAHAR GOLSHANI;	-5.40
Credit Card C...	02/15/2022	The Weather Company	Weather Channel Sub GREG PEASE;	-4.99
Credit Card C...	02/16/2022	Amazon.com	Task Wipes SAHAR GOLSHANI;	-305.85
Credit Card C...	02/17/2022	Dell Marketing LP	New Computer DALE MCDONALD;	-3,044.35
Credit Card C...	02/17/2022	Evoqua Water Technologi...	Lab Supplies SAHAR GOLSHANI;	-468.79
Credit Card C...	02/17/2022	Amazon.com	Office Supplies - 101 LVR PAM AMATORI;	-228.79
Credit Card C...	02/17/2022	Panera Bread	Staff Big Project Lunch TERESA LERCH;	-217.25
Credit Card C...	02/17/2022	Evoqua Water Technologi...	Lab Supplies SAHAR GOLSHANI;	-147.39
Credit Card C...	02/17/2022	Liebert Cassidy Whitmore	SPSL Obligation Class AMY SCHULTZ;	-75.00
Credit Card C...	02/17/2022	Electronics Plus	Fuses ROBERT J BUCHHOLTZ;	-30.02
Credit Card C...	02/17/2022	Amazon.com	Office Supplies - 101 LVR PAM AMATORI;	-3.38
Credit Card C...	02/18/2022	Burlington Safety Labs	Electrical Safety Supplies GREG PEASE;	-762.37
Credit Card C...	02/18/2022	Miscellaneous	CETIS Update w/manual SAHAR GOLSHANI;	-245.00
Credit Card C...	02/18/2022	Miscellaneous	Upgrade of Adobe PAM AMATORI;	-179.88
Credit Card C...	02/18/2022	TrainHR	Pivot Tables AMY SCHULTZ;	-145.00
Credit Card C...	02/18/2022	Amazon.com	Office Supplies GREG PEASE;	-35.45
Credit Card C...	02/18/2022	Amazon.com	Cell Phone Case OPS AMY SCHULTZ;	-26.43
Credit Card C...	02/18/2022	Amazon.com	Binders AMY SCHULTZ;	-19.62
Credit Card C...	02/22/2022	Dell Marketing LP	Computer Purchase DALE MCDONALD;	-3,044.35
Credit Card C...	02/22/2022	Amazon.com	Prime Fee PAM AMATORI;	-14.19
Credit Card C...	02/23/2022	Regional Government Ser...	2022 MGNT Leadership Academy DALE MCDO...	-3,500.00

## Las Gallinas Valley Sanitary District Reconciliation Detail

6204 · Credit Card at Elan Financial, Period Ending 03/05/2022

Type	Date	Name	Memo	Amount
Credit Card C...	02/23/2022	Continental Carbon Group	Activated Carbon DONALD E MOORE;	-775.00
Credit Card C...	02/23/2022	California Water Environm...	CWEA Conference SAHAR GOLSHANI;	-375.00
Credit Card C...	02/23/2022	Amazon.com	74247282053820120271514; 00000;	-15.50
Credit Card C...	02/24/2022	ReadyRefresh	Bottled Water Service AMY SCHULTZ;	-128.34
Credit Card C...	02/24/2022	Restaurants - Specified	Lunch For MASS Meeting PAM AMATORI;	-100.80
Credit Card C...	02/25/2022	Fisher Scientific Company...	Swing Sampler SAHAR GOLSHANI;	-413.75
Credit Card C...	02/25/2022	Air Technology	Lab Supplies SAHAR GOLSHANI;	-385.00
Credit Card C...	02/25/2022	Hach Company	Lab Chemicals SAHAR GOLSHANI;	-196.65
Credit Card C...	02/25/2022	FLEETIO	Vehicle Maintenance Software GREG PEASE;	-174.00
Credit Card C...	02/25/2022	Amazon.com	Sampler/Dipper SAHAR GOLSHANI;	-91.54
Credit Card C...	02/25/2022	Amazon.com	Dish Bucket SAHAR GOLSHANI;	-22.92
Credit Card C...	02/28/2022	Microsoft	License fees AMY SCHULTZ;	-396.00
Credit Card C...	02/28/2022	Comcast	Internet @ Vendola AMY SCHULTZ;	-240.58
Credit Card C...	02/28/2022	Amazon.com	Windshield Washer Fluid SAHAR GOLSHANI;	-38.37
Credit Card C...	02/28/2022	Microsoft	Admin Fees for licenses AMY SCHULTZ;	-16.03
Credit Card C...	03/01/2022	California Water Environm...	Conference Registration ROBERT M LIEBMANN;	-625.00
Credit Card C...	03/01/2022	Miscellaneous	Otterbox Case -James Austin PAM AMATORI;	-90.95
Credit Card C...	03/02/2022	Miscellaneous	Towing of Golf Karts ANTHONY J ASARO JR;	-975.00
Credit Card C...	03/02/2022	Treasury Software	ACH software AMY SCHULTZ;	-39.95
Credit Card C...	03/02/2022	ADT Commerical Security	Gate Security at 300 Smith Ranch AMY SCHUL...	-25.00
Credit Card C...	03/03/2022	Amazon.com	Office Supplies AMY SCHULTZ;	-90.92
Credit Card C...	03/03/2022	Call Center Sales	After Hours Answering Service AMY SCHULTZ;	-47.14
Credit Card C...	03/03/2022	Amazon.com	Board Member Name Plates AMY SCHULTZ;	-38.37
Credit Card C...	03/04/2022	ReadyRefresh	Bottled Water Service AMY SCHULTZ;	-72.41
Credit Card C...	03/04/2022	NNA Services	Notary Supplies TERESA LERCH;	-65.59
Credit Card C...	03/04/2022	County of Marin Auditor-C...	Filling Fees AMY SCHULTZ;	-31.50
Credit Card C...	03/07/2022	Fisher Scientific Company...	Buffer SAHAR GOLSHANI;	-590.72
Credit Card C...	03/07/2022	Comcast	Internet at Plant & Lucas Valley AMY SCHULTZ;	-537.85
Credit Card C...	03/07/2022	Restaurants - Specified	Lunch for Interview Panel PAM AMATORI;	-57.60
Credit Card C...	03/07/2022	Safeway	Waters & Sodas for MASS Meeting PAM AMAT...	-31.32
Credit Card C...	03/07/2022	Rite Aid	Office Supplies GREG PEASE;	-17.40
<b>Total Charges and Cash Advances</b>				<b>-30,574.68</b>
<b>Payments and Credits - 2 items</b>				

AGENDA ITEM 2C  
DATE April 7, 2022



## BOARD MEMBER CONFERENCE/ MEETING ATTENDANCE REQUEST

Date: 3/25/22 Name: MURRAY, Craig K.  
I would like to attend the Annual Conference Meeting of CASA/CWEA

To be held on the 11 day of April from 9 a.m. / p.m. to  
11 day of April from 4 a.m. / p.m.

Location of meeting: Sacramento

Actual meeting date(s): 4/11/22

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

Purpose of Meeting: Partnering Clean Water Agency Mtg

Meeting relevance to District: Technology, COC & regulation review  
YES NO

N/A

Request assistance from Board Secretary to register for Conference:

Request assistance from Board Secretary to register for Hotel:

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

Frequency of Meeting: 1x

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

Date submitted to Board Secretary: 3/25/22

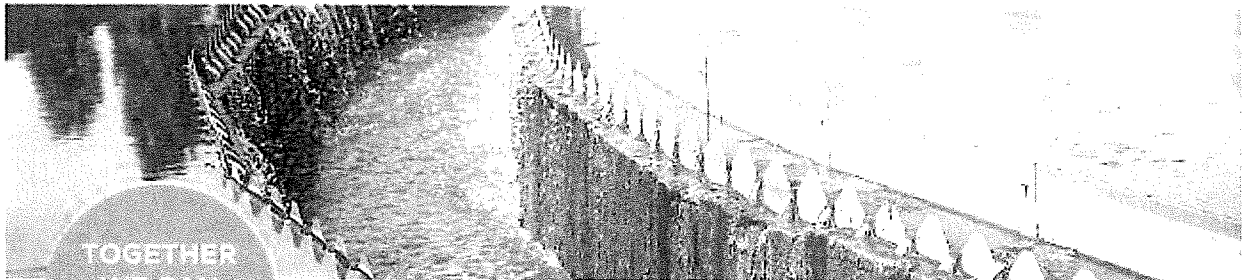
Board approval obtained on Date: \_\_\_\_\_

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





# PARTNERING FOR IMPACT



**Hyatt Regency Sacramento**  
**April 11, 2022 • 9:00 am to 4:00 pm**

Dear Craig,

We're excited to welcome California wastewater leaders back to CASA and CWEA events. We finally get to see you live and in person once again!

**Our return to in person programming will be exciting: CASA and CWEA leaders are hosting the first in-person Partnering for Impact in California**, a follow-up to last year's successful virtual event. We'll unite the wastewater community on April 11th at the Hyatt Regency in Sacramento.

**We want to extend a personal invite to you and your team to attend.** Together we can make a difference and build a stronger wastewater community.

**Partnering for Impact**

April 11th, 9:00 a.m. - 4:00 p.m.

Hyatt Regency Sacramento

Lunch is included.

**View speakers & sessions in the brochure >**

**Register for PFI >**

The Partnering for Impact philosophy is to **bring together leaders from utilities, universities, industry and manufacturing** to gather ideas, find solutions and develop strategies for faster implementation.

This year's Partnering for Impact will address key goals impacting our California community. Our panels will tee up cutting-edge ideas and challenges, followed by roundtable discussions. Topics include:

- Innovative Treatment **Intensification Technologies for Nutrient Removal**
- **SB 1383** Compliance and Reducing Organic Waste Disposal at Landfills
- Addressing **PFAS in Biosolids**

CASA and CWEA continue to work hard to increase the visibility of clean water agencies and professionals as essential protectors of public health and the environment.

We're proud to kick off the effort and work together to promote national leadership in our sector. Please join us, or send your team members, and we can develop this into an annual event.

**We look forward to seeing you in Sacramento!**

Sincerely,

**Jenn Jones**, CAE, IOM  
Executive Director/CEO  
CWEA

**Adam Link**  
Executive Director  
CASA

---

**Need help registering?** CWEA Member Services is happy to help you.  
Contact them at 510.382.7800 option 4 or email [memberservices@cwea.org](mailto:memberservices@cwea.org).

# Sponsor

# Kimley»»Horn

Expect More. Experience Better.

## Supporting Organizations



**BLACK & VEATCH**

**DUDEK**

**Hazen**



**Jacobs**



AGENDA ITEM 2D  
DATE April 7, 2022



## BOARD MEMBER CONFERENCE/ MEETING ATTENDANCE REQUEST

Date: 3/25/22 Name: MURRAY, Craig K.  
I would like to attend the Annual Conference Meeting of CSDA

To be held on the 22 day of August from 8 a.m. / p.m.  
to 25 day of August from 5 a.m. / p.m.

Location of meeting: Palm Desert

Actual meeting date(s): 8/22-25/22

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

Purpose of Meeting: Special Districts Training & Education, Annual Mtg

Meeting relevance to District: Special Districts Mgt YES NO

N/A

Request assistance from Board Secretary to register for Conference:

Request assistance from Board Secretary to register for Hotel:

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

Frequency of Meeting: 1x

Estimated Costs of Travel (if applicable): \$2200

Date submitted to Board Secretary: 3/25/22

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

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

Agenda Item 2 E  
Date April 7, 2022



### ORDER REGARDING PUBLICATION

The Board of Directors finds that Ordinance 189, unanimously passed by the Board, was published in the Marin Independent Journal on February 24, 2022 and March 10, 2022 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 \_\_\_\_\_ at San Rafael, Marin County, California.

\_\_\_\_\_  
Judy Schriebman  
Board President



Item Number 2F  
GM Review W

# Agenda Summary Report

To: Board of Directors  
From: Michael P. Cortez, PE, District Engineer  
(415) 526-1518; [mcortez@lgvsd.org](mailto:mcortez@lgvsd.org)  
Meeting Date: April 7, 2022  
Re: Guide Dogs Easement and Quitclaim

Item Type: Consent  Action  Information  Other   
Standard Contract: Yes  No  (See attached) Not Applicable

### STAFF RECOMMENDATION:

- 1) Authorize the Board President to accept a Grant of Easement from Guide Dogs for the Blind (GDB).
- 2) Authorize the Board President to execute a Quitclaim Deed for GDB.

### BACKGROUND:

The construction of the Guide Dogs for the Blind Puppy Center located at 350 Los Ranchitos Road required the rerouting and replacement of approximately 193 LF of 6" VCP sanitary sewer with 246 LF of 8" PVC and construction of new 10'-wide maintenance access road. The attached resolutions cover the Grant of Easement for the new pipe alignment and vehicle access and the Quitclaim Deed for the abandoned easement that is no longer needed by the District.

Per Board's request, language regarding ingress and egress through the existing man gates was added to the Grant of Easement.

District staff have reviewed all documents provided by GDB including a copy of the original sanitary sewer easement issued to A. Nelson, Inc. in 1955 and they appear accurate and valid. District legal counsel has reviewed and approved the documents as to form.

In addition, all financial issues related to the easement machine and construction of the maintenance access road have been resolved amicably between GDB and the District and properly documented on file.

### PREVIOUS BOARD ACTION:

- 1) Board approved the Application for Allocation and issuance of a Will Serve Letter to GDB on July 13, 2017.
- 2) Board approved the issuance of an Updated Will Serve Letter to Guide Dogs for the Blind on February 14, 2019.
- 3) On March 3, 2022, the GDB easement and quitclaim item was tabled by the Board until additional information is included in the document.

### ENVIRONMENTAL REVIEW:

N/A

### FISCAL IMPACT:

N/A



*Figure 3. Man Gate #2 on GDB property.*

**RESOLUTION No. 2022-2242**

**A RESOLUTION AUTHORIZING EXECUTION OF A  
CERTIFICATE OF ACCEPTANCE OF EASEMENT  
APN 175-250-03, SAN RAFAEL**

**LAS GALLINAS VALLEY SANITARY DISTRICT**

**WHEREAS**, Guide Dogs for the Blind, Inc. has dedicated a sewer easement being a portion of that parcel of land described in the grant deed to Guide Dogs for the Blind, Inc., recorded in Book 513 at Page 364, Marin County Records, being more particularly described and set forth in Exhibits "A" through "B" which are attached hereto and incorporated by reference herein, in favor of the District for the rerouting of the existing sewer crossing said property;

**WHEREAS**, the sewer includes an easement for paved access road for maintenance of the new sanitary sewer; and

**WHEREAS**, the District Engineer has reviewed the easement and found the metes and bounds to be satisfactory.

**NOW, THEREFORE**, the Board of Directors of the Las Gallinas Valley Sanitary District, herein, accepts the easement and approves recordation of the Certificate of Acceptance of Grant of Interest in Real Property with the Marin County Recorder, which is attached hereto and incorporated by reference herein.

I hereby certify that the forgoing is a full, true, and correct copy of a resolution duly and regularly passed and adopted by the Board of Directors of the Las Gallinas Valley Sanitary District, Marin County, California, at a meeting thereof held on April 7, 2022, by the following vote of the members thereof:

AYES, and in favor thereof, Members:

NOES, Members:

ABSENT, Members:

ABSTAIN, Members:

---

Teresa L. Lerch, District Secretary  
Las Gallinas Valley Sanitary District

APPROVED:

(seal)

---

Judy Schriebman, Board President  
Las Gallinas Valley Sanitary District



WHEN RECORDED RETURN TO:  
Las Gallinas Valley Sanitary District  
101 Lucas Valley Road, Suite 300  
San Rafael, CA 94903

AREA: Los Ranchitos Road, San Rafael  
APN: 175-250-03

**CERTIFICATE OF ACCEPTANCE OF GRANT  
OF INTEREST IN REAL PROPERTY**

THIS IS TO CERTIFY that the easement over real property conveyed by the attached **EASEMENT DEED** dated \_\_\_\_\_, 2022 from **GUIDE DOGS FOR THE BLIND, INC.**, to **LAS GALLINAS VALLEY SANITARY DISTRICT**, a California special district created pursuant to Health & Safety Code Sec. 6400 et seq., is hereby accepted by order of Las Gallinas Valley Sanitary District's Board of Directors and the grantee consents to the recordation thereof by its duly authorized officer.

DATED: \_\_\_\_\_

\_\_\_\_\_  
Teresa L. Lerch, District Secretary  
Las Gallinas Valley Sanitary District

APPROVED:

(seal)

\_\_\_\_\_  
Judy Schriebman, Board President  
Las Gallinas Valley Sanitary District

Recording Requested by:  
Las Gallinas Valley Sanitary District

WHEN RECORDED MAIL TO:  
Las Gallinas Valley Sanitary District  
Attention: General Manager  
101 Lucas Valley Road, Suite 300  
San Rafael, CA 94903

APN: 175-250-03

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### **GRANT OF EASEMENT FOR UNDERGROUND UTILITIES**

GUIDE DOGS FOR THE BLIND, INC., a California nonprofit public benefit corporation (“Grantor”) hereby grants to LAS GALLINAS VALLEY SANITARY DISTRICT, a California special district created pursuant to Health & Safety Code Sec. 6400 et seq. (“Grantee”) the following easements situate in the County of Marin, State of California, more particularly described in Exhibit “A” and “B” hereto attached and by reference incorporated herein.

To have and to hold said easement for the purpose of acquiring, constructing, completing, reconstructing, repairing, maintaining and operating underground sanitary sewers and appurtenances for said District, together with the right of ingress and egress therefor.

Grantor hereby shall not place or construct, nor allow a third party to place or construct, any building or other permanent structures, or construct any other obstruction within said easement area, or diminish or substantially add to the ground level within said easement area, or construct any fences that will interfere with the maintenance and operation of said facilities, without the Grantee’s prior written approval; provided, however, paving, driveways, gutters and related improvements may be constructed over the easement areas without Grantee’s prior written consent.

Grantor shall maintain ingress and egress to easement area via the existing man gates. Grantor may modify or replace the existing man gates without the consent of Grantee as long as extent of ingress and egress to the easement area is not materially changed. Material changes in the ingress and egress to the easement area, or the extent of access to the easement area via man gates is subject to Grantee’s prior written consent. Such consent shall not be unreasonably withheld.

Grantor shall maintain the easement areas, including but not limited to the maintenance and repair of the access road, man gates, and fencing at all times in good condition, subject to reasonable wear and tear and events of casualty, condemnation, and force majeure. Both Grantor and Grantee shall have reasonable access to the easement area from time to time, as is necessary to carry out their duties and obligations under this agreement.

Grantor shall not park or permit standing vehicles of any kind within the easement area described in Exhibit "A", except on a temporary basis in connection with maintenance and repair.

Grantee shall have no responsibility or liability of any kind whatsoever in conjunction with the use or maintenance of the utility easement or right-of-way, provided Grantee shall use the easement area in accordance with a commercially reasonable standard of care and applicable laws and any work performed by Grantee shall be performed lien-free. Grantor agrees to indemnify, defend and hold Grantee harmless from any and all liabilities including, but not limited to, costs, losses, orders, liens, penalties, claims, demands, damages, expenses, litigation costs and attorney's fees which it may incur as a consequence of this Grant of Easement for Underground Utilities to the extent arising from any and all claims and losses to anyone who may be injured or damaged by reason of Grantor's, their agents, employees, contractors, successors or assigns, willful misconduct, negligence or wrongful acts or omissions in the use of the easement areas.

This agreement, and the easement granted herein, shall be binding on and shall inure to the benefit of the heirs, executors, administrators, successors, transferees and assigns of Grantor (as the owner of the easement area) and the Grantee, and the easements shall be considered a covenants running with the land.

This agreement shall be governed by and construed in accordance with the laws of the State of California. To Grantor's knowledge, there is no litigation pending with respect to the property as of the date Grantor signed the Agreement that would interfere with the rights granted herein.

It is further understood and agreed that this instrument constitutes the entire agreement between the Grantor and the Grantee, there being no oral agreements or representation of any kind made between the Grantor and Grantee.

This agreement may be amended or modified only by written agreement of all parties. This agreement supersedes all prior discussions, negotiations, agreements and memoranda whether oral or written.

IN WITNESS WHEREOF, Grantor and Grantee hereby execute this Grant of Easement for Underground Utilities.

**GRANTOR:**

GUIDE DOGS  
FOR THE BLIND

By: \_\_\_\_\_  
Chris Benninger  
President & CEO

**GRANTEE:**

LAS GALLINAS VALLEY  
SANITARY DISTRICT

By: \_\_\_\_\_  
Judy Schriebman, Board President

OBERKAMPER & ASSOCIATES  
CIVIL ENGINEERS, INC.

October 29, 2021  
Job No. 16-162

**Exhibit A**

**LEGAL DESCRIPTION**  
**Sanitary Sewer Easement**

All that certain real property situated in the city of San Rafael, County of Marin, State of California, being a portion of that parcel of land described in the grant deed to Guide Dogs for the Blind, Inc., recorded in book 513 at page 364, Marin County Records, more particularly described as follows:

Beginning at a point on the Southeasterly line of said Guide Dogs parcel being common to the Northwestern Pacific Railroad Right of Way which lies North  $37^{\circ}53'36''$  East 12.29 feet and North  $38^{\circ}47'35''$  East 3.43 feet from the Southerly corner of said parcel, point being the Easterly corner of Lots 12 & 13 as shown on the Subdivision Map entitled Map of Marin Garden Homes recorded in Volume 8 of Maps at page 65, Marin County Records; thence leaving said line said common line North  $14^{\circ}55'37''$  East 50.40 feet; thence North  $55^{\circ}37'57''$  East 68.92 feet; thence North  $38^{\circ}52'09''$  East 65.26 feet; thence North  $16^{\circ}54'30''$  West 75.85 feet more or less to a point on the Southeasterly line of said Guide Dogs parcel, said Southeasterly line being common to the Southwesterly line of that parcel of land described in the grant deed to Raymond J. Caron and Janette M. Caron, Trustees of the Caron Family Trust, U/D/T recorded per document 2012-0019422, Marin County Records; thence along said common line North  $50^{\circ}43'12''$  West 35.49 feet; thence continuing along said common line North  $39^{\circ}16'48''$  East 433.90 feet to the Westerly line of Merrydale Road; thence along the Westerly line of Merrydale Road North  $6^{\circ}55'54''$  East, 13.85 feet; thence leaving the Westerly line of Merrydale Road South  $39^{\circ}16'48''$  West, 455.49 feet; thence South  $50^{\circ}43'12''$  West, 45.44 feet; thence South  $16^{\circ}54'30''$  East, 63.93 feet; thence South  $38^{\circ}52'09''$  West, 58.49 feet; thence South  $55^{\circ}37'57''$  West, 71.16 feet; thence South  $14^{\circ}55'37''$  West, 69.50 feet; thence South  $88^{\circ}48'43''$  East, 3.93 feet; thence North  $37^{\circ}53'36''$  East, 12.29 feet; thence North  $38^{\circ}47'36''$  East, 3.43 feet to the Point of Beginning.

See "Sanitary Sewer Easement Plat" attached.

All distances described herein are 'ground' U.S. survey feet.

  
L.E. OBERKAMPER, R.C.E. 12094

  
DATE

OBERKAMPER & ASSOCIATES  
CIVIL ENGINEERS, INC.

October 29, 2021  
Job No. 16-162

**LEGAL DESCRIPTION**

**Vehicle Access and Turnaround Easement**

All that certain real property situated in the city of San Rafael, County of Marin, State of California, being a portion of that parcel of land described in the grant deed to Guide Dogs for the Blind, Inc., recorded in book 513 at page 364, Marin County Records, more particularly described as follows:

Commencing at a point on the Southeasterly line of said Guide Dogs parcel being common to the Northwestern Pacific Railroad Right of Way which lies North  $37^{\circ}53'36''$  East 12.29 feet and North  $38^{\circ}47'35''$  East 3.43 feet from the Southerly corner of said parcel, point being the Easterly corner of Lots 12 & 13 as shown on the Subdivision Map entitled Map of Marin Garden Homes recorded in Volume 8 of Maps at page 65, Marin County Records; thence leaving said line said common line North  $14^{\circ}55'37''$  East 50.40 feet; thence North  $55^{\circ}37'57''$  East 68.92 feet; thence North  $38^{\circ}52'09''$  East 65.26 feet to the True Point of Beginning; thence North  $16^{\circ}54'37''$  West, 71.82 feet; thence South  $50^{\circ}32'36''$  East, 13.54 feet; thence South  $16^{\circ}54'37''$  East, 10.20 feet; thence along a curve concave to the Northeast, tangent to the preceding course, having a radius of 20.00 feet, through a central angle of  $90^{\circ}15'18''$ , an arc distance of 31.51 feet; thence South  $50^{\circ}32'36''$  East, 10.34 feet; thence South  $39^{\circ}57'58''$  West, 39.78 feet to the True Point of Beginning.

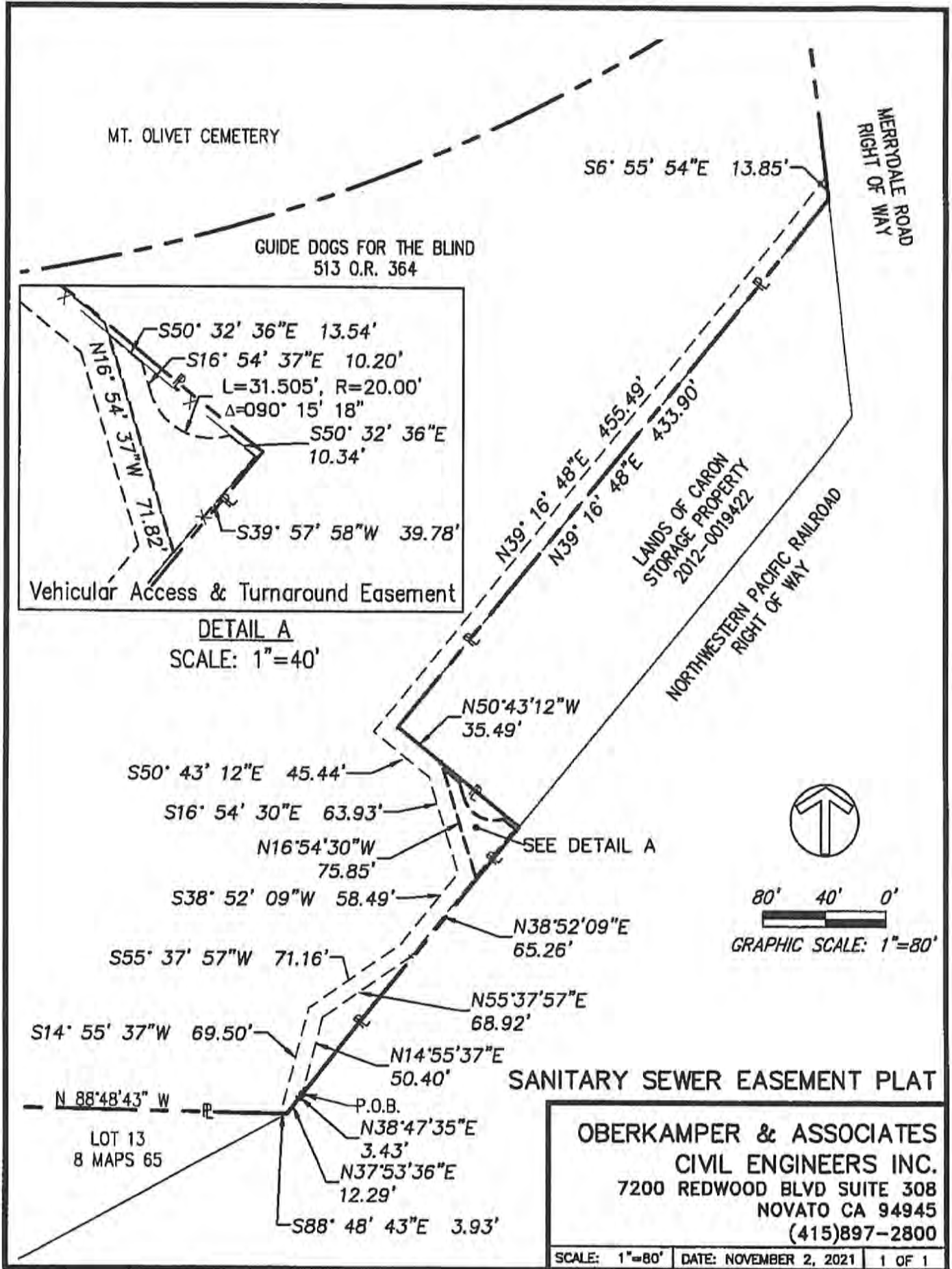
See "Sanitary Sewer Easement Plat" attached.

All distances described herein are 'ground' U.S. survey feet.

  
L.E. OBERKAMPER, R.C.E. 12094

  
DATE

Exhibit B



**RESOLUTION No. 2022-2243**

**A RESOLUTION AUTHORIZING EXECUTION OF A  
QUITCLAIM DEED APN 175-250-03, SAN RAFAEL**

**LAS GALLINAS VALLEY SANITARY DISTRICT**

**WHEREAS**, WHEREAS, on or about April 26, 1955, a sewer easement was recorded describing the metes and bounds of the sewer easement dedicated to Las Gallinas Valley Sanitary District and which is now lying within the lands of Guide Dogs for the Blind, Inc., as described in that Grant Deed from Guide Dogs for the Blind, Inc. to A. Nelson, Inc., its successors and assigns, in Book 937, Page 441, Official Records of the County of Marin, and;

**WHEREAS**, on or about April 7, 2022 the Las Gallinas Valley Sanitary District abandoned an existing sanitary sewer easement as part of a project known as the Guide Dogs for the Blind Puppy Center dated July 2017, and said sewer easement is being more particularly described as Exhibit "A" and "B", and

**WHEREAS**, it is the desire of the Las Gallinas Valley Sanitary District that the existing sanitary sewer easement be removed and no longer burden certain parcel(s) of real property previously burdened by said sewer easement, and

**IT IS HEREBY RESOLVED**, by the Board of Directors of the Las Gallinas Valley Sanitary District, Marin County, California, that certain Quitclaim Deed from the Las Gallinas Valley Sanitary District to Guide Dogs for the Blind is hereby approved, and the President of the Sanitary Board is authorized to sign said document, and the Secretary of the Sanitary Board is hereby directed to countersign the same, all on behalf of the Las Gallinas Valley Sanitary District. A copy said Quitclaim Deed is attached hereto and incorporated by reference herein.

I hereby certify that the forgoing is a full, true, and correct copy of a resolution duly and regularly passed and adopted by the Board of Directors of the Las Gallinas Valley Sanitary District, Marin County, California, at a meeting thereof held on April 7, 2022, by the following vote of the members thereof:

AYES, and in favor thereof, Members:

NOES, Members:

ABSENT, Members:

ABSTAIN, Members:

---

Teresa L. Lerch, District Secretary  
Las Gallinas Valley Sanitary District

APPROVED:

(seal)

---

Judy Schriebman, Board President  
Las Gallinas Valley Sanitary District



RECORDING REQUESTED BY AND  
WHEN RECORDED MAIL TO:

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

---

*(Space above this line for Recorder's use)*

**Tax Parcel Nos. 175-250-03**

**QUITCLAIM DEED**

For Valuable Consideration, receipt of which is hereby acknowledged, LAS GALLINAS VALLEY SANITARY DISTRICT, a California special district created pursuant to Health & Safety Code Sec. 6400 et seq. ("Grantor"), hereby remises, releases and forever quitclaims to GUIDE DOGS FOR THE BLIND, INC., a California nonprofit public benefit corporation, all of Grantor's right, title and interest in and to all easements described in Exhibit "A" (legal description) and shown on Exhibit "B" (plat) attached hereto and by this reference made a part hereof.).

Executed as of March \_\_, 2022.

**GRANTOR:**

LAS GALLINAS VALLEY  
SANITARY DISTRICT  
By:

\_\_\_\_\_  
Judy Schriebman, Board President

Attest:

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

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA            )  
   ) ss.  
COUNTY OF \_\_\_\_\_  )

On \_\_\_\_\_, 20\_\_, before me, \_\_\_\_\_, \_\_\_\_\_, personally appeared \_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under penalty of perjury under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature \_\_\_\_\_(Seal)

OBERKAMPER & ASSOCIATES  
CIVIL ENGINEERS, INC.

April 27, 2017  
Job No. 16-162

**Exhibit A**  
**SANITARY SEWER EASEMENT**  
**QUIT CLAIM**  
**LEGAL DESCRIPTION**

The easement referred to herein to be quit claimed is described in the Grant of Easement in favor of A. Nelson, Inc., a corporation, its successors and assigns, as set forth in a document recorded April 26, 1955 in Book 937 of Official Records at Page 441, Marin County Records, more particularly described as follows:

A sanitary sewer easement being a strip of land ten feet wide, lying Northwesterly of an adjacent to the following described line:

Beginning at a point on the Northwesterly line of the Northwestern Pacific Railroad right of way, at the most Southerly corner of the Lands of the Guide Dogs for the Blind; and running thence North 16°01' East 254.53 feet to the most westerly corner to the Lands of Grover E. Wilson; thence along the dividing line between lands of said Wilson and the Guide Dogs for the Blind, North 39°09" East 434.63 feet to the Southwesterly line of Merrydale Road.

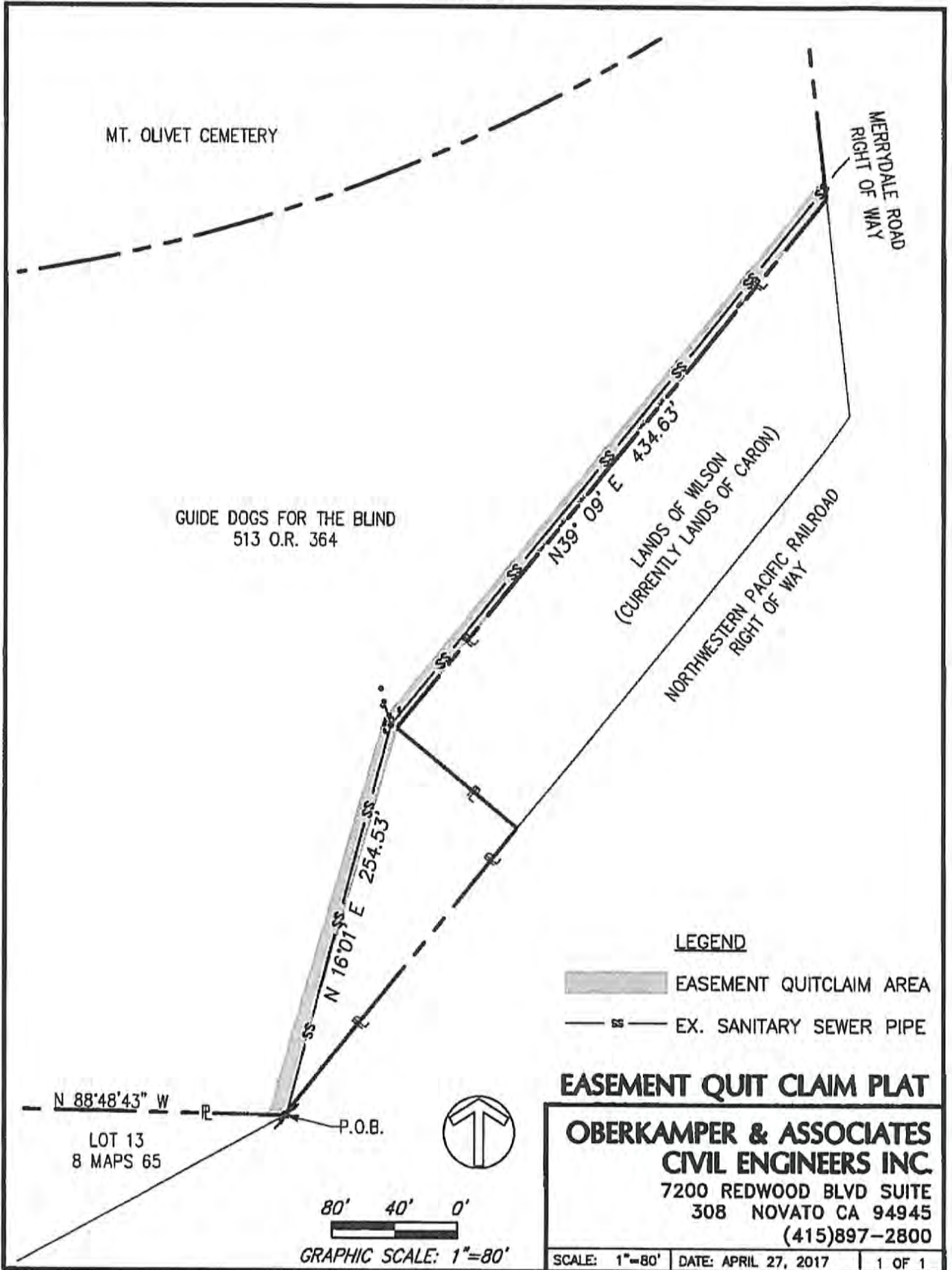
See "Easement Quit Claim Plat" attached.

  
L.E. OBERKAMPER, R.C.E. 12094

4/27/2017  
DATE



Exhibit B





Item Number 26  
GM Review CD

# Agenda Summary Report

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**To:** Board of Directors  
**From:** Teri Lerch, District Secretary  
 (415) 526-1510; tlerch@lgvsd.org  
**Mtg. Date:** April 7, 2022  
**Re:** Board Policy Review: Approve Resolution 2022-2046 B-20 Board Member Interaction with Staff and F-20 Financial Reporting; Hold initial review of B-30 Board Meeting Agenda and F-30 Accounting and Auditing  
**Item Type:** Consent X Action \_\_\_\_\_ Information \_\_\_\_\_ Other \_\_\_\_\_  
**Standard Contract:** Yes \_\_\_\_\_ No \_\_\_\_\_ (See attached) Not Applicable \_\_\_\_\_

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### STAFF RECOMMENDATION

Attached for approval is Resolution 2022-2046 Board updated policies B-20 – Board Member Interaction with Staff and F-20 – Financial Reporting. Board suggested changes are shown in highlight (strikeout format) and clean copies are also provided.

Also attached for information and Board review are current policies B30 – Board Meeting Agenda and F-30 – Accounting and Auditing. Suggested changes are shown in highlight (strikeout format) and staff will receive comments on the subject policies at the meeting and through April 13. Comments received will be incorporated or addressed prior to bringing back these policies to the Board for approval at the April 21 meeting.

### BACKGROUND

The Board has requested to review and update Board Policy.

### PREVIOUS BOARD ACTION

On March 17, 2022, Board reviewed Board policy B-20 – Board Member Interaction and Board Policy F-20 – Financial Reporting with staff and requested it come back for approval.

### ENVIRONMENTAL REVIEW

N/A

### FISCAL IMPACT

N/A

**RESOLUTION NO. 2022-2246**

**A RESOLUTION APPROVING BOARD POLICIES**

**THE LAS GALLINAS VALLEY SANITARY DISTRICT**

**WHEREAS**, the Board of Directors has determined that a comprehensive list of Policies and Procedures for the Board of Directors is in the best interest of the District.

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

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

**WHEREAS**, such policies may need to be updated,

**NOW THEREFORE**, the Board of Directors of the Las Gallinas Valley Sanitary District approves the following revised policy section: B-20 BOARD MEMBERS INTERACTION WITH STAFF and F-20 FINANCIAL REPORTING.

The previously approved Board Policies B-20 and F-20 are hereby revoked and declared null and void.

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

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

\* \* \* \* \*

I hereby certify that the forgoing is a full, true, and correct copy of a resolution duly and regularly passed and adopted by the Sanitary Board of the Las Gallinas Valley Sanitary District, Marin County, California, at a meeting thereof held on the 7<sup>th</sup> of April 2022, by the following vote of the members thereof:

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

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

APPROVED:

\_\_\_\_\_  
Judy Schriebman, President of Board of Directors

**B-20 BOARD MEMBER INTERACTION WITH STAFF**

**Purpose**

This policy establishes procedures for Board Member communication with the General Manager and District Staff.

**B-20-10 Communication Path.** The general path of communication shall be Board to General Manager then General Manager to staff. The General Manager may delegate the communication directly to a Board member or staff member for particular issues only.

**B-20-20 Non-Interference With Staff.** Individual Board Members shall not interfere with or direct District staff nor use District facilities in such a way that the action is unreasonable or interferes with the operation of the District. Board members should contact District Counsel on legal questions, e.g. complaints of discrimination/harassment.

**B-20-30 Simple Information Requests.** Individual Board members may make simple information requests of staff, through the General Manager. A Simple Information Request is one that would take the General Manager, District Staff or Counsel less than two hours to complete in the view of the General Manager.

**B-20-40 Substantial Information Requests.** Individual Board members may place an item on any future agenda to request a Substantial Information Request. The request shall be made as a motion under the Board Request section of the agenda. A majority affirmative vote is necessary to approve the action. A Substantial Information Request is one that would take the General Manager, District Staff or Counsel more than two hours to complete in the view of the General Manager.

<b>Resolution No. 2022-2046</b>	Date Approved: April 7, 2022
President of the Board	Last Reviewed: April 7, 2022

**F-20 FINANCIAL REPORTING**

**Purpose**

This policy establishes procedures for preparing interim financial statements for Board review.

**F-20-10 Quarterly Financial Reporting to Board of Directors.** District staff shall prepare and provide to the Board of Directors a quarterly summary report that compares actual revenues and expenditures to budgeted amounts, including relevant information on debt proceeds and debt service payments. The report shall explain significant variances and provide analysis and interpretation of financial information. The report shall be presented with the quarterly investment report.

**F-20-20 Monthly Financial Reporting to Management.** District staff shall prepare a monthly report for review and use by District management that compares actual revenues and expenditures to budgeted amounts, as well as additional reports as requested to assist in managing the day-to-day operations of the District.

<b>Resolution No. 2022-2046</b>	Date Approved: April 7, 2022
President of the Board	Last Reviewed: April 7, 2022



**B-20 BOARD MEMBER INTERACTION WITH STAFF**

**Purpose**

This policy establishes procedures for Board Member communication with the General Manager and District Staff.

**B-20-10 Communication Path.** The general path of communication shall be Board to General Manager then General Manager to staff. The General Manager may delegate the communication directly to a Board member or staff member for particular issues only.

**B-20-20 Non-Interference With Staff.** Individual Board Members shall not interfere with or direct District staff nor use District facilities in such a way that the action is unreasonable or interferes with the operation of the District. Board members **may should** contact District Counsel on legal questions, e.g. complaints of discrimination/harassment.

**B-20-30 Simple Information Requests.** Individual Board members may make simple information requests of staff, through the General Manager. A Simple Information Request is one that would take the General Manager, District Staff or Counsel less than two hours to complete in the view of the General Manager.

**B-20-40 Substantial Information Requests.** Individual Board members may place an item on any future agenda to request a Substantial Information Request **or to add an item on a future agenda (B-30-30).** The request shall be made as a motion under the Board Request section of the agenda. A majority affirmative vote is necessary to approve the action. A Substantial Information Request is one that would take the General Manager, District Staff or Counsel more than two hours to complete in the view of the General Manager.

<b>Resolution No. <del>2009-1872</del> 2022-2046</b>	<b>Date Approved: <del>July 9, 2009</del> April 7, 2022</b>
President of the Board	<b>Supersedes:</b> <b>Last Reviewed:</b>

**F-20 FINANCIAL REPORTING**

**Purpose**

This policy establishes procedures for preparing interim financial statements for Board review.

**F-20-10 Quarterly Financial Reporting to Board of Directors.** District staff shall prepare and provide to the Board of Directors a quarterly summary report that compares actual revenues and expenditures to budgeted amounts, including relevant information on debt proceeds and debt service payments. The report shall explain significant variances and provide analysis and interpretation of financial information. **The report shall be presented with the quarterly investment report.**

**F-20-20 Monthly Financial Reporting to Management.** District staff shall prepare a monthly report for review and use by District management that compares actual revenues and expenditures to budgeted amounts, as well as additional reports as requested to assist in managing the day-to-day operations of the District.

<b>Resolution No. 2017-2084</b>	Date Approved: February 23, 2017
President of the Board	Supersedes: Not applicable. <b>Last Reviewed:</b>

**B-30 BOARD MEETING AGENDA****Purpose**

This policy establishes the procedures to prepare Board agendas.

**B-30-10 Preparation of Agenda.** The General Manager, in cooperation with the Board President, shall prepare the agenda for all regular and special meetings of the Board in accordance with the Ralph M. Brown Act (California Government Code §54950 through §54926).

**B-30-20 Form and Order.** The agenda form and order shall be at the discretion of the General Manager. The General Manager shall submit the agenda for approval to the Board President and legal counsel prior to issuing it.

**B-30-30 Additional Items.** Individual Board members shall request to add agenda items at a Board meeting (see B-20-40). The request shall be made as a motion under the Board Request section of the agenda. A majority affirmative vote is necessary to approve the action. Any matter to be included in the agenda shall be provided, in writing, to the Board District Secretary at least five (5) business days preceding the meeting. Such requests will be routinely respected unless there is a compelling reason to deny or delay such a request.

**B-30-40 Public Requests.** A request from the public for an additional agenda item for a regularly scheduled meeting of the Board shall be made in writing to the General Manager at least five (5) business days prior to the date of the meeting and shall be "a matter directly related to the District business."

**B-30-50 Attachments.** All agenda matters that have attachments—with the exception of the warrant list—shall be included in the Board packet when delivered. If an attachment is not included in the Board packet, the item shall be provided to the Board in a timely manner.

**B-30-60 Matters Not on Agenda.** The Board may take public testimony at regular and special meetings on matters not on the agenda, but the Board shall not discuss nor take action on the matters at the meeting.

**B-30-70 Special Circumstances.** Only matters listed on the agenda may be discussed and acted upon by the Board, except in one of the following circumstances: (1) An "emergency situation" is declared by majority vote of the Board, (2) A need to take immediate action on a matter that arises after the agenda is posted is declared by a two-thirds vote of the Board, or unanimous if less than two-thirds of the Board is present, and (3) An item on a posted agenda is continued from a regular meeting held not more than five (5) days prior.

**B-30-80 Public Review of Agendas.** Agendas for regularly scheduled meetings of the Board shall be posted conspicuously outside the District's front gate and on the District website in accordance with the Ralph M. Brown Act (California Government Code §54950 through §54926) at least seventy-two (72) hours prior to the meeting. Agendas for special meetings shall be posted similarly at least twenty-four (24 hours) prior to the meeting.

<b>Resolution No. 2009-1872</b>	Date Approved: July 9, 2009
President of the Board	Supersedes: Last Reviewed:

**F-30 ACCOUNTING AND AUDITING****Purpose**

This policy establishes procedures for preparing annual audited financial statements and other required reports for Board review.

**F-30-10 Oversight by Board.** A primary responsibility of the Board is oversight of the District's finances and assets to ensure that they are being used and invested for the benefit of the public and are protected.

**F-30-20 Day-to-Day Responsibility.** The Board delegates day-to-day responsibility for auditing controls on District finances and assets to the General Manager.

**F-30-30 Financial Statements.** District staff shall prepare financial statements annually, in accordance with generally accepted accounting principles for local governments in the United States. The District's financial statements shall be audited annually by an independent, qualified third party in accordance with generally accepted auditing standards, and shall complete the audit within six months of the end of the fiscal year. The audit results and any associated District management response shall be presented to the Board of Directors.

**F-30-40 Other Annual Reports.** The District shall prepare other annual financial reports as required by state law. These reports include but are not limited to:

- Annual Report of Reimbursement for Staff and Board members per CGC §53065.5
- Annual Report of Capital Facilities Charge activity per CGC §66013

**F-30-50 Report to Board.** At least once each year the General Manager and Administrative Services Manager will be responsible for reporting to the Board on the effectiveness and appropriateness of internal and external auditing controls. The Board desires to have a thorough understanding of safety mechanisms. To achieve this, the annual auditing report, in addition to meeting minimum legal requirements, will:

- Explain the audit process and answer questions from the Board.
- Review the thoroughness of the District audit.
- Review District internal and external controls.
- Report on any problems that may occur.
- Make suggestions for improvements in audits and controls.

**F-30-60 Appointment of Auditor.** The Board of Directors shall, by motion, appoint an Auditor to perform the annual audit of the agency's financial records, issue an audit opinion, and serve as consultant on accounting activities when requested. **As a general practice, The auditing firm and/or specific auditor shall be replaced every five years-not provide audit services to the District for more than six fiscal consecutively years per CGC section 12410.6**

**F-30-70 Accounting Policies and Procedures.** The General Manager and Administrative Services Manager shall develop internal accounting policies and procedures necessary to

implement these Financial Policies and to ensure that internal controls, processes and procedures are in compliance with the California State Controller's Office Internal Control Guidelines pursuant to CGC section 12422.5 and are adequate to protect the finances of the District.

<b>Resolution No. 2017-2084</b>	Date Approved: February 23, 2017
President of the Board	Supersedes: Not applicable. Last Reviewed:



Item Number 2H  
GM Review CD

# Agenda Summary Report

To: Board of Directors  
From: Chris DeGabriele, Interim General Manager  
(415) 526-1511; cdegabriele@lgvsd.org  
Mtg. Date: April 7, 2022  
Re: Strategic Plan Workshop  
Item Type: Consent X Action \_\_\_\_\_ Information \_\_\_\_\_ Other \_\_\_\_\_  
Standard Contract: Yes \_\_\_\_\_ No \_\_\_\_\_ (See attached) Not Applicable X .

## STAFF RECOMMENDATION

Board authorize the Interim General Manager to enter into an agreement with Brent Ives of BHI Consulting to facilitate a Strategic Plan workshop with the Board of Directors and produce an update to the current Las Gallinas Valley Sanitary District (LGVSD) Strategic Plan.

## BACKGROUND

A key part of the Strategic Plan process is to conduct an annual review and update of the Plan. These reviews allow for maintenance of the Plan so that it reflects the actual progress, current operational conditions and needs of the district. The reviews will be documented and followed up by either a plan supplement or an updated plan. A five-year planning horizon has been maintained during past reviews.

The Board received and reviewed the Draft 2020-2025 Strategic Plan at it's June 3, 2021 meeting and requested the item be fully vetted in a Strategic Plan Workshop. Said workshop had been scheduled for November 8, 2021, but was subsequently cancelled.

Ives proposal is to interview each Board member and the Interim General Manager to gain input on the current status at LGVSD. He will then facilitate a 2-4 hour in-person and/or 2-3-hour virtual workshop(s), followed up by producing an updated LGVSD Strategic Plan document with staff for ultimate approval by the Board.

Brent Ives previously facilitated the LGVSD strategic plan preparation up to 2017. A brief introduction about Mr. Ives is attached for your information and you can find additional information at [www.BHIConsulting.com](http://www.BHIConsulting.com) .

From 2018 through 2021, Chris Sliz of Regional Governmental Services (RGS) facilitated the Strategic Plan preparation. Ms. Sliz is not available to perform said work at this time.

## PREVIOUS BOARD ACTION

The Board conducted Strategic Planning Workshops on May 21, June 27, and August 28, 2019, held budget workshops on April 17, and April 27, 2020. The Board also discussed 2020 and 2021 tactical goals when it conducted General Manager performance evaluations. On April 1, 2021, the Board received the draft 2020-2025 Strategic Plan and provided input to staff.



## **ENVIRONMENTAL REVIEW**

N/A at this time

## **FISCAL IMPACT**

Estimated cost for Brent Ives to facilitate the Strategic Plan workshop(s) including Board member and staff interviews, and production and approval of an updated Strategic Plan is \$20,845 to be billed on a time and expense basis.



# From the BHI Management Consulting Website

## About Brent Ives

In 1997, after 20 years as a technical manager and an additional nine as a contract trainer and consultant, Brent Ives decided to form BHI Management Consulting in order to best share his knowledge of management and organizational behavior, his experiences, lessons learned and hard knocks. It was clear to him that the need was especially great among Special Districts, public agencies, nonprofits and small businesses.

Since that time, BHI has trained hundreds of managers from all walks of the public sector and business. Throughout, we have always employed a practical, no-nonsense style. What's been found is that many smaller organizations grow so fast they find themselves with few experienced and trained managers to handle issues that expansion brings. They find themselves needing strategy, structure and guidance to adjust their organization to its increasing scale. In some cases, years go by before they seek remedial help. BHI has experience lending its expertise to both young and established organizations.

We are dedicated to helping your organization lay an improved foundation to support your current situation and the direction in which you are headed. We do not espouse programs in which academics train managers how to manage. We believe that managers should mentor, guide and train managers. Seasoned managers are sensitive to the workplace variables that make the difference between one approach and another. They know the program that works in someone else's organization will not be a cookie-cutter fix for yours.

We have yet to hear from a client who parted company with BHI unhappy with our services or products. Please take a look at our webinars, on-demand training and other resources. And please don't hesitate to call or email. This free initial consultation will be a few minutes well spent.

**4/7/2022**

**Interim General Manager Report**

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



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

Interim General Manager, Chris DeGabriele  
Plant Operations, Mel Liebmann  
Collections/Safety/Maintenance, Greg Pease  
Engineering, Michael P. Cortez  
Administrative Services, Dale McDonald

Megan Clark  
Ronald Ford  
Craig K. Murray  
Judy Schriebman  
Crystal J. Yezman

March 25, 2022

The Honorable Bill Quirk, Chair  
Assembly Environmental Safety and Toxic Materials Committee  
Legislative Office Building, Room 171  
Sacramento, California 95814

**Subject: AB 2247 (Bloom): Support**

Dear Chairman Quirk:

The Las Gallinas Valley Sanitary District ("LGVSD") has a support position on AB 2247 (Bloom), which would require manufacturers of PFAS or products containing PFAS to disclose the presence of PFAS in those products in a publicly accessible database. This is important and necessary information that will inform state and local decision making regarding the management of PFAS in our watersheds and the environment.

In addition to the wastewater treatment plant, LGVSD manages a multi-faceted reclamation project which includes a freshwater marsh, irrigated pastures, storage ponds and saltwater marsh – all of which are home to area wildlife and provide access and recreation for the public. Given the unique low-lying creek and bayside location of the District's service area, strict attention is given to the treatment process and green practices are an ongoing goal of LGVSD. Approximately 2/3's of the District's treated water (effluent) is recycled. The recycled water is utilized within the LGVSD boundaries through partnerships with the Marin Municipal Water District and North Marin Water District .

Per- and Polyfluoroalkyl substance (PFAS) have recently become a topic of public concern, due to their high mobility and resistance to breaking down naturally in the environment, as well as the persistent detection of PFAS compounds in people's bodies. The State is comprehensively investigating levels of PFAS in our environment, with a particular focus on water and wastewater resources. While significant progress is being made towards identifying pathways of PFAS in our water and sewersheds, additional information is needed for agencies to be able to make efficient management decisions: local water and wastewater agencies need to know what exactly they are looking for in order to implement effective source reduction policies to limit PFAS inputs into our systems. AB 2247 would allow us to use the PFAS disclosure data required from manufacturers of PFAS or products containing PFAS to optimize pollution prevention programs at the local level through our local pre-treatment programs, and this information would generate consumer awareness about the chemicals used in everyday products and how they impact the environment. We need data to support practical and cost-effective management solutions, and AB 2247 is an important first step towards this end goal.

It's important to note that PFAS chemicals are both ubiquitous and indestructible. Without better information about sources of PFAS to support source control, local water management options are limited and costly, leading to affordability concerns for the delivery of essential public services. In some cases PFAS can be removed from water and wastewater at the end of the cycle through advanced treatment technology. However, there is no technologically feasible method for the large-scale destruction of PFAS compounds.

Instead, once removed, PFAS residuals are merely displaced and transferred to another waste stream and typically cycle back through the waste management process.

For these reasons Las Gallinas Valley Sanitary District supports AB 2247 and urges your "aye" vote when it is heard in the Assembly Environmental Safety and Toxic Materials Committee.

Sincerely,



Chris DeGabriele  
Interim General Manager

CC: Assembly Member Richard Bloom  
Assembly Member Mark Levine, 10<sup>th</sup> Assembly District  
Senator Mark McGuire, Senate District 2  
[Jessica Gauger](#), California Association of Sanitation Agencies  
Judy Schriebman, LGVSD Board President  
Crystal J. Yezman, LGVSD Board Vice-President  
Megan Clark, LGVSD Board Member  
Ronald Ford, LGVSD Board Member  
Craig Murray, LGVSD Board Member



Item Number 4 part I  
GM Review CD

# Agenda Summary Report

To: Board of Directors  
From: Dale McDonald, Administrative Services Manager *DM*  
(415) 526-1519 [dmcDonald@lqvsd.org](mailto:dmcDonald@lqvsd.org)  
Meeting Date: April 7, 2022  
Re: Resolution No 2022-2247 Setting Time and Place for Public Hearing on the Budget for the Fiscal Year 2022-2023

Item Type: Consent \_\_\_\_\_ Action X Information \_\_\_\_\_ Other \_\_\_\_\_  
Standard Contract: Yes \_\_\_\_\_ No \_\_\_\_\_ (See attached) Not Applicable X

### STAFF RECOMMENDATION

Staff recommends that the Board approve Resolution 2022-2247 setting the time and place of the Public Hearing for the Budget for the Fiscal Year 2022-2023.

### BACKGROUND

One of the major steps in completing the annual budget is to allow the public an opportunity to review and make comments on the budget itself. While the State of California requires this procedure, it is also in the best interest of the community to be able to attend a public hearing so that the public can review and comment on how the District revenue is being calculated and how disbursements are proposed to be expended.

In that regard, the Board of Directors is requested to approve a date for a public hearing to review the 2022-2023 annual budget. The date for the budget hearing is proposed to coincide with the public hearing on the sewer service charge rate increase, since the rates are part of the process to complete the 2022-2023 Budget.

If approved, staff will publish once a week for two consecutive weeks a notice regarding the public hearing in the local newspaper.

### PREVIOUS BOARD ACTION

None

### ENVIRONMENTAL REVIEW

N/A

### FISCAL IMPACT

None.

**RESOLUTION No 2022-2247**

**A RESOLUTION FIXING TIME AND PLACE FOR PUBLIC HEARING  
ON THE DISTRICT BUDGET FOR THE FISCAL YEAR 2022-2023**

**LAS GALLINAS VALLEY SANITARY DISTRICT**

**WHEREAS**, this District is in the process of developing a budget for fiscal year 2022-2023; and

**WHEREAS**, it is in the best interest of the community to allow the public an opportunity be a part of the budget process, to see how the budget is calculated and how proposed disbursements are being expended, and to allow the public to comment on the budget.

**NOW, THEREFORE**, the Board of Directors of the Las Gallinas Valley Sanitary District herein shall at the regular meeting place of said Board located at 101 Lucas Valley Road, San Rafael, California, is hereby set on Thursday, June 16, 2022 at 4:00 p.m. as the time and place for a public hearing on the 2022-2023 Budget Report filed with the Secretary of this District, and the District Secretary shall publish notice of said hearing and the filing of said report, once a week for two successive weeks prior to the date set for said hearing, in the Marin Independent Journal, a newspaper of general circulation, printed and published in Marin County, there being no other newspaper of general circulation printed and published in the District; post it at the District's offices at 101 Lucas Valley Road, Suite 300, San Rafael, CA; and post it at its website at [www.lgvsd.org](http://www.lgvsd.org).

\* \* \* \* \*

I hereby certify that the forgoing is a full, true, and correct copy of a resolution duly and regularly passed and adopted by the Sanitary Board of the Las Gallinas Valley Sanitary District, Marin County, California, at a meeting thereof held on the 7th day of April 2022, by the following vote of the members thereof:

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

\_\_\_\_\_  
Judy Schriebman, Board President


Attest:

\_\_\_\_\_  
Teresa L. Lerch, District Secretary (seal)



Item Number 4 Part II  
GM Review CD

# Agenda Summary Report

To: Board of Directors  
From: Dale McDonald, Administrative Services Manager   
(415) 526-1519 [dmcDonald@lgvSD.org](mailto:dmcDonald@lgvSD.org)  
Meeting Date: April 7, 2022  
Re: Resolution No 2022-2248 Setting Time and Place for Public Hearing on Sewer Service Charge Rates for Fiscal Year 2022-2023  
Item Type: Consent \_\_\_\_\_ Action X Information \_\_\_\_\_ Other \_\_\_\_\_  
Standard Contract: Yes \_\_\_\_\_ No \_\_\_\_\_ (See attached) Not Applicable X

### STAFF RECOMMENDATION

Board adopt Resolution 2022-2248 setting the date for public hearing and on method of collection of sewer service charges on the tax roll of the County of Marin.

### BACKGROUND

A cost-of-service study on wastewater services evaluating future revenue requirements was completed by HDR Engineering, Inc. in April 2021. It developed cost-based and equitable rate projections used to develop a two-year sewer service charge rate schedule. The District mailed Proposition 218 Notices to all property owners in April 2021.

On June 17, 2021 the District held a public hearing and adopted increases to the Sewer Service Charge (SSC) for fiscal years 2021-2022 and 2022-2023. The current SSC is \$1,029. The SSC will increase to \$1,122 on July 1, 2022 absent action by the Board.

Initial development of the budget for 2022-2023 indicates that while a rate increase may be required it will not be greater than the 9% previously adopted by the Board. The SSC rate can be lowered by amending the District Code Title 3, Chapter 1 if the Board so choses. There is no requirement to send out another Proposition 218 notice if the rate is to be lowered. It is however in the public's best interest to be informed of when the public hearing to consider lowering the SSC rate is to be held. Staff recommends it be held on the same date and time as the budget hearing, June 16, 2022.

If approved, staff will publish one a week for two consecutive weeks a notice regarding these two public hearings in the local newspaper.

### PREVIOUS BOARD ACTION

Ordinance No. 187 adopted June 17, 2021 set the annual Sewer Service Charge for each Sewer Service Charge Unit at \$1,022.

### ENVIRONMENTAL REVIEW

N/A

### FISCAL IMPACT

None

**RESOLUTION No 2022-2248**

**A RESOLUTION FIXING TIME AND PLACE FOR PUBLIC HEARING ON WASTEWATER SERVICE CHARGE RATES FOR THE FISCAL YEAR 2022-2023**

**LAS GALLINAS VALLEY SANITARY DISTRICT**

**WHEREAS**, the District has adopted by Ordinance No. 187 an annual sewer service charge for fiscal year 2022-2023 of \$1,122; and

**WHEREAS**, the District wishes to consider confirming or lowering the sewer service charge for fiscal year 2022-2023; and

**WHEREAS**, this District has elected to have certain charges for services and facilities furnished by it which have become delinquent and the sewer service charges for the fiscal year 2022-2023 collected on the tax roll of the County of Marin, State of California, in the manner provided pursuant to Section 5470 through 5473.11 of the Health & Safety Code of the State of California; and

**WHEREAS**, pursuant thereto, a sewer service charge report will be on file with the Secretary of this District, and thereafter provided to the County Assessor prior to August 9, 2022;

**NOW, THEREFORE**, the Board of Directors of the Las Gallinas Valley Sanitary District herein shall duly publish legal notice in the Marin Independent Journal, a newspaper of general circulation; post it at the District's offices at 101 Lucas Valley Road, San Rafael, CA; and post it at its website at [www.lgvsd.org](http://www.lgvsd.org) in accordance with the requirements of the Government Code § 54954.2 and the Sanitary District Act of 1923, Health and Safety Code §§ 6400 *et seq.*, said notice specifying, among other things, that the District will conduct a public hearing on Thursday, June 16, 2022 at 4:00 p.m. at the regular meeting place of said Board of Las Gallinas Valley Sanitary District, located at 101 Lucas Valley Road, Suite 300, San Rafael, California, for hearing on charges for services and facilities furnished by it which have become delinquent and the sewer service charges for the fiscal year 2022-2023 to be collected on the tax roll of the County of Marin, State of California, in the manner provided pursuant to Section 5470 through 5473.11 of the Health & Safety Code of the State of California,

**BE IT FURTHER RESOLVED**, that a sewer service charge report will be on file with the Secretary of this District, and thereafter provided to the County Assessor prior to August 9, 2022.

\* \* \* \* \*



I hereby certify that the forgoing is a full, true, and correct copy of a resolution duly and regularly passed and adopted by the Sanitary Board of the Las Gallinas Valley Sanitary District, Marin County, California, at a meeting thereof held on the 7<sup>th</sup> day of April, 2022, by the following vote of the members thereof:

AYES, and in favor thereof, Members:

NOES, Members:

ABSTAIN, Members:

ABSENT, Members:

\_\_\_\_\_  
Judy Schriebman Board President

Attest:


(seal)

\_\_\_\_\_  
Teresa L. Lerch, District Secretary



Item Number 5  
GM Review UD

# Agenda Summary Report

To: Board of Directors  
From: Dale McDonald, Administrative Services Manager   
(415) 526-1519 [dmcDonald@lqvsd.org](mailto:dmcDonald@lqvsd.org)  
Meeting Date: April 7, 2022  
Re: Administrative Policy Concerning COVID-19 Supplemental Paid Sick Leave ("SPSL") Under Labor Code Sections 248.6 and 248.7

Item Type: Consent  Action  Information  Other   
Standard Contract: Yes  No  (See attached) Not Applicable

### STAFF RECOMMENDATION

Adopt Administrative Policy Concerning COVID-19 Supplemental Paid Sick Leave ("SPSL") and authorize the General Manager or his designee to add the policy to the District's Personnel Policy & Procedures as Section 5 COVID-19, Personnel Policy No. 28.1.

### BACKGROUND

On February 9, 2022, Governor Newsom signed Senate Bill ("SB") 114 into law, which reauthorized COVID-19 Supplemental Paid Sick Leave ("SPSL"), providing new paid leave entitlements to employees who are unable to work or telework due to a number of qualifying reasons related to COVID-19.

The law became effective on February 19, 2022 and entitles qualified employees to SPSL, retroactive to January 1, 2022, and through September 30, 2022.

Employers in the State of California with 26 or more employees are required to provide SPSL. The District currently has 25 employees as of March 17, 2022 and is in the process of filling 4 additional positions.

### PREVIOUS BOARD ACTION

None

### ENVIRONMENTAL REVIEW

N/A

### FISCAL IMPACT

The cost to implement the policy is dependent on the number of eligible employees that request SPSL. Full-time District employees are eligible for two banks of leave up to 40 hours each, compensated at the employees' regular rate of pay up to \$511 per day.

The initial cost is estimated to be \$14,810 for retroactive compensation to January 1, 2022 for employees that have taken qualified leave because of COVID-19. Additional costs through September 30, 2022 are unknown but estimated \$10K and \$40K based on anticipated qualifying SPSL reason. The lower estimated range is based on limited leave taken for anticipated for symptoms after vaccination and/or boosters and care for family members. The higher estimate is for limited outbreak within the workforce.

## 28.1 COVID-19 Supplemental Paid Sick Leave (“SPSL”)

This policy provides all eligible and qualified employees SPSL to which they are entitled under Labor Code sections 248.6 and 248.7.

### A. Definitions

1. “Child” means a biological, adopted, or foster child, stepchild, legal ward, or a child to whom the employee stands *in loco parentis*. This definition of a child is applicable regardless of age or dependency status.
2. “Covered Employee” means any District employee who is unable to work or telework for the District for one or more of the reasons related to COVID-19 as set forth in this policy.
3. “COVID-19 Supplemental Paid Sick Leave” or “SPSL” means paid sick leave pursuant to Labor Code sections 248.6 and 248.7.
4. “Family Member” means any of the following:
  - (i) A “child”, as defined above.
  - (ii) A biological, adoptive, or foster parent, stepparent, or legal guardian of an employee or the employee's spouse or registered domestic partner, or a person who stood *in loco parentis* when the employee was a minor child.
  - (iii) A spouse.
  - (iv) A registered domestic partner.
  - (v) A grandparent.
  - (vi) A grandchild.
  - (vii) A sibling.

### B. Effective Dates:

The policy is effective immediately upon adoption, and the paid leave benefits provided herein shall be retroactive to January 1, 2022.

SPSL benefits expire after September 30, 2022, except that the District will provide a Covered Employee who is on SPSL at the time of the expiration of such benefits the full amount of SPSL to which the Covered Employee would otherwise be entitled.

Unless the underlying law is extended, this policy will expire by operation of the law after September 30, 2022, except that certain Covered Employees may continue to use SPSL after that date as described above.



C. Employees Eligible for SPSL:

All District Covered Employees are eligible for SPSL if they are unable to work or telework for one or more of the enumerated Qualifying Reasons related to COVID-19 as provided below:

- 1) The employee is subject to a quarantine or isolation period related to COVID-19 as defined by an order or guidelines of the California Department of Public Health ("CDPH"), the federal Centers for Disease Control and Prevention ("CDC"), or a local health officer who has jurisdiction over the workplace;
- 2) The employee has been advised by a health care provider to self-quarantine due to COVID-19;
- 3) The covered employee is attending an appointment for themselves or a family member to receive a vaccine or a vaccine booster for protection against COVID-19;
- 4) The covered employee is experiencing symptoms, or caring for a family member experiencing symptoms, related to a COVID-19 vaccine or vaccine booster that prevent the employee from being able to work or telework;
- 5) The covered employee is experiencing symptoms of COVID-19 and seeking a medical diagnosis;
- 6) The covered employee is caring for a family member who:
  - a) Is subject to a CDPH, CDC, or local health officer order or guidance to isolate or quarantine, or
  - b) Has been advised by a health care provider to isolate or quarantine;
- 7) The covered employee is caring for a child whose school or place of care is closed or otherwise unavailable for reasons related to COVID-19 on the premises; or
- 8) The covered employee, or a family member for whom the covered employee is providing care, tests positive for COVID-19.

If an employee requests SPSL for reason 8, the District may require that the employee provide the positive test result to confirm that the employee qualifies for such leave. The District may also require that the employee provide the family member's positive test result if the employee is requesting leave in order to provide care to a covered family member.

The District requires an employee who has taken SPSL for qualifying reason 8 to test for COVID-19 on or after day five, following the initial positive test. If the District requires such a test, the District will provide the test at no cost to the employee.

D. Amount of SPSL for Qualifying Reasons 1 - 7:

1. Leave taken as SPSL is in addition to any other statutory and/or contractual leave to which the employee is otherwise entitled, and which is not specific to COVID-19.
2. Employees who worked at least 40 hours per week in the two weeks before they take SPSL, or who the employer considers to be full-time employees, are entitled to 40 hours of SPSL for qualifying reasons 1 through 7, above.
3. Part-time Covered Employees are entitled to SPSL in the following amounts:
  - a. If the part-time Covered Employee has a normal weekly schedule, the total number of hours the Covered Employee is normally scheduled to work for the District over one week for qualifying reasons 1 through 7; or
  - b. If the part-time Covered Employee works a variable number of hours, the Covered Employee is entitled to 7 times the average number of hours the Covered Employee worked each day for the District in the six (6) months preceding the date the Covered Employee took SPSL. If the employee has worked for the District fewer than six months, then the employer calculates the average hours worked for the entire employment period and multiplies the daily average by seven. If an employee works variable hours and has only worked for the District seven days or fewer, then the employee receives an amount of SPSL equivalent to the total number of hours worked for the employer.

E. Amount of SPSL for Qualifying Reason 8:

Employees taking additional COVID-19 supplemental paid sick leave under qualifying reason 8 are entitled to an amount not to exceed that which the employee received under qualifying reasons 1-7.

Covered Employees may determine how many hours of SPSL to use based upon a qualifying reason, up to the total number of hours to which the Covered Employee is entitled.

If a Covered Employee is provided SPSL retroactively for qualifying leave before adoption of this policy, the District will count the retroactive SPSL provided against the SPSL to which the Covered Employee is entitled.

For retroactive SPSL, the District will require the employee sign a "COVID-19 Supplemental Paid Sick Leave Acknowledgment," acknowledging the accuracy of the amount of leave designated retroactively.

F. Compensation While on SPSL:

Covered Employees are entitled to compensation for SPSL at their regular rate of pay or the employee's total wages less any overtime premium pay, including pursuant to any applicable collective bargaining agreement, subject to a cap of \$511 per day and \$5,110 in the aggregate.



G. Employee Notice of Supplemental Paid Sick Leave:

Covered Employees must notify the District that they intend to take SPSL. The Covered Employee may provide such notice either orally or in writing to their immediate supervisor. Employee Request Form for Prospective COVID-19 Supplemental Paid Sick Leave (SPSL) must be completed and signed by the employee.

H. Employee Status While on Leave:

The District will compensate Covered Employees who use SPSL according to the manner described in this policy and will coordinate SPSL leave with other leaves in accordance with District Policy No. 22. Leave of Absence.

I. Employee Obligations for Requesting Entitled Retroactive Payments for Prior Leave that Qualified as SPSL to January 1, 2022:

If the District did not compensate the employee for leave that would otherwise have qualified as SPSL between January 1, 2022 and the effective date of this policy, in an amount equal to or greater to what the employee would have been entitled to under this policy, the employee is eligible for a retroactive payment from the District for such leave.

In order to receive payment for such leave, employees must make an oral or written request to be paid for such leave to the District's Human Resources Department. Employee Request Form for Retroactive COVID-19 Supplemental Paid Sick Leave (SPSL) must be completed and signed by the employee.

For any such retroactive payment, the number of hours of leave corresponding to the amount of the retroactive payment shall count towards the total number of hours of SPSL that the employer is required to provide to the Covered Employee.



Item Number 6  
GM Review CD

# Agenda Summary Report

To: Board of Directors  
From: Dale McDonald, Administrative Services Manager *DM*  
(415) 526-1519 [dmcDonald@lgvSD.org](mailto:dmcDonald@lgvSD.org)  
Meeting Date: April 7, 2022  
Re: Consider creating Low-Income Sewer Rate Assistance Program for Single Family Residential Households for Fiscal Year 2022-23

Item Type: Consent  Action  Information  Other   
Standard Contract: Yes  No  (See attached) Not Applicable

## STAFF RECOMMENDATION

Board to discuss and provide direction to staff for development of a Low-Income Sewer Rate Assistance Program to low- and fixed-income customers.

- Confirm the use of PG&E's CARE program to determine eligibility AND
- Establish 5% rate reduction, allocating \$25,000 of ad valorem taxes towards the program OR
- Establish 10% rate reduction, allocating \$50,000 of ad valorem taxes towards the program.

Resolution formalizing the program to be brought back to the Board on April 21, 2022 for implementation of the program in May for fiscal year 2022-23, subject to final budget approval.

## BACKGROUND

As part of the budget discussion last year, the Board expressed interest in providing rate relief to low-income residents of the District. Research was undertaken and it was determined that the District can implement a low-income rate assistance program if the District does not use Sewer Service Charge (SSC) rate revenue, which is subject to the substantive limitations under Article XIII D, Section 6 (Proposition 218) proportionality requirements under the California Constitution. Non-SSC revenue sources, such as ad valorem property tax revenues, can be used to fund the program.

Various Marin County water and wastewater agencies have Low Income Rate Assistance (LIRA) programs. Novato Sanitary District approved their ongoing rate assistance program for low-income households in 2020 and Ross Valley Sanitary District has had a program since 2016.

## Eligibility

Staff suggests the Board consider a Low-Income Sewer Rate Assistance Program (LISRAP) to provide either a flat five percent (5%) or ten percent (10%) rate discount to low-income single-family residential (SFR) ratepayer households in the District who are enrolled in PG&E's California Alternate Rates for Energy (CARE) Program.

The SFR ratepayer households applying for the program must be (or include) a District ratepayer of record as listed on the property tax roll in Marin County. SFRs with Accessory Dwelling Units (ADUs), multi-unit ratepayers with a PG&E master meter, or entities who are not otherwise a ratepayer of record with the District would be excluded. Family members, neighbors, or landlords would not be able to act on behalf of another customer.



The deadline for submitting applications will be June 30 of each year. This will allow enough time for staff to review the applications and submit discounts along with the SSC being charged.

Once enrolled, the discount would be applied automatically to the SSC being charged to the ratepayer of record on their County tax bill. Program eligibility (CARES enrollment) will be reconfirmed every other fiscal year, and the ratepayer would be required to notify the District if they no longer qualify for the PG&E CARE program, or if they move to another new single-family residence served by the District.

Outreach will consist of announcement of the new program in the next Herron Newsletter, a press release issued to the Marin Independent Journal, and posting information and application on the District website.

Implementation and oversight of the LISRAP would be the responsibility of the General Manager (or designee) so that staff can timely verify the eligibility of applicants.

**PREVIOUS BOARD ACTION**

None

**ENVIRONMENTAL REVIEW**

N/A

**FISCAL IMPACT**

The cost to implement the program is dependent upon the amount of rate discount the Board approves, the allocation of funding from the Ad-Valorem Property Taxes to be used for the program, and the number of CARE customers that take advantage of the program.

The District has 9,320 Single-Family Residential customers. Estimating that 5% are eligible for PG&E's CARE program would mean up to 466 eligible customers. Based on the previously adopted SSC for Fiscal Year (FY) 2022-23 of \$1,122, the following discounts and total program costs can be estimated:

<u>Discount</u>	<u>Rate Reduction</u>	<u>Est. Max Annual Program Costs in FY 2022-23</u>
\$56.10	5%	\$26,143
\$112.20	10%	\$52,285

It is anticipated that fewer than 50% of eligible customers would apply for the discount. The District is projected to receive \$1,475,000 in Property Tax Revenue in 2022-23.

A newly created Account (*Prop Tax allocation to LISRAP*) would be added to the financial statements to provide transparent program costs. The allowance will be adjusted in future budget years based on the District's ongoing experience. If the Board adopts the Final Budget as scheduled in June 2022, staff can incorporate program implementation with the FY 2022-23 SSC collection on the County Tax rolls.





Item Number 7  
GM Review CS

# Agenda Summary Report

To: Board of Directors  
From: Michael P. Cortez, PE, District Engineer  
(415) 526-1518; [mcortez@lqvsd.org](mailto:mcortez@lqvsd.org)  
Meeting Date: April 7, 2022  
Re: Solar Photovoltaic System Upgrade

Item Type: Consent  Action  Information  Other   
Standard Contract: Yes  No  (See attached) Not Applicable

### STAFF RECOMMENDATION:

Authorize staff to issue a Request for Proposals (RFP) for the upgrade of the existing Solar Photovoltaic (PV) System through a Power Purchase Agreement (PPA) with an option to award as a publicly bid project without a PPA.

### BACKGROUND:

On January 6, 2022, the District Board concurred with the following staff recommendations:

1. Prepare an application package to keep the District Solar PV System under Net Energy Metering (NEM) 2.0 set by California Public Utilities Commission (CPUC).
2. Draft an RFP for the upgrade of existing system through a PPA for Board consideration.

### Update:

1. OnSwitch has completed the inter-connection package to allow the District operate the new PV system under NEM 2.0.
2. Kenwood Energy and District staff have completed a draft RFP for the PPA (see attached), which will provide the District with the following:
  - a. Upgrade of the existing 588 kW Solar PV System to 1 Megawatt
  - b. Removal and disposal of the existing solar panels and associated equipment.
  - c. Maintenance of the system by a third-party contractor with minimal District staff involvement.
  - d. PPA term of 20 to 25 years.
  - e. Retention of ownership of all environmental attributes of the Solar PV System such as Renewable Energy Credits (RECs), Carbon Credits, and other future applicable credits.
  - f. A potential cumulative discounted savings of \$905,388 to \$1,359,487 assuming a 20-year PPA term as discussed by Kenwood Energy with the District Board on January 6, 2022. See Figure 1.
  - g. An avoided initial capital outlay of approximately \$2,200,000 for the upgrade of the Solar PV System if the project is bid publicly. The upgrade is currently unbudgeted and would require reallocation from capital reserves or other FY 21-22 CIP projects.
  - h. An avoided annual cost of approximately \$300,000 for PG&E electrical bills under NEM 2.0 due to the system being non-operational. Note that this is very difficult to estimate considering the current construction and operational changes to the plant.

Staff will present results of the RFP evaluation for Board consideration at appropriate time in the future.



**PREVIOUS BOARD ACTION:**  
N/A

**ENVIRONMENTAL REVIEW:**  
Staff will file CEQA documents at an appropriate time in the future.

**FISCAL IMPACT:**  
N/A

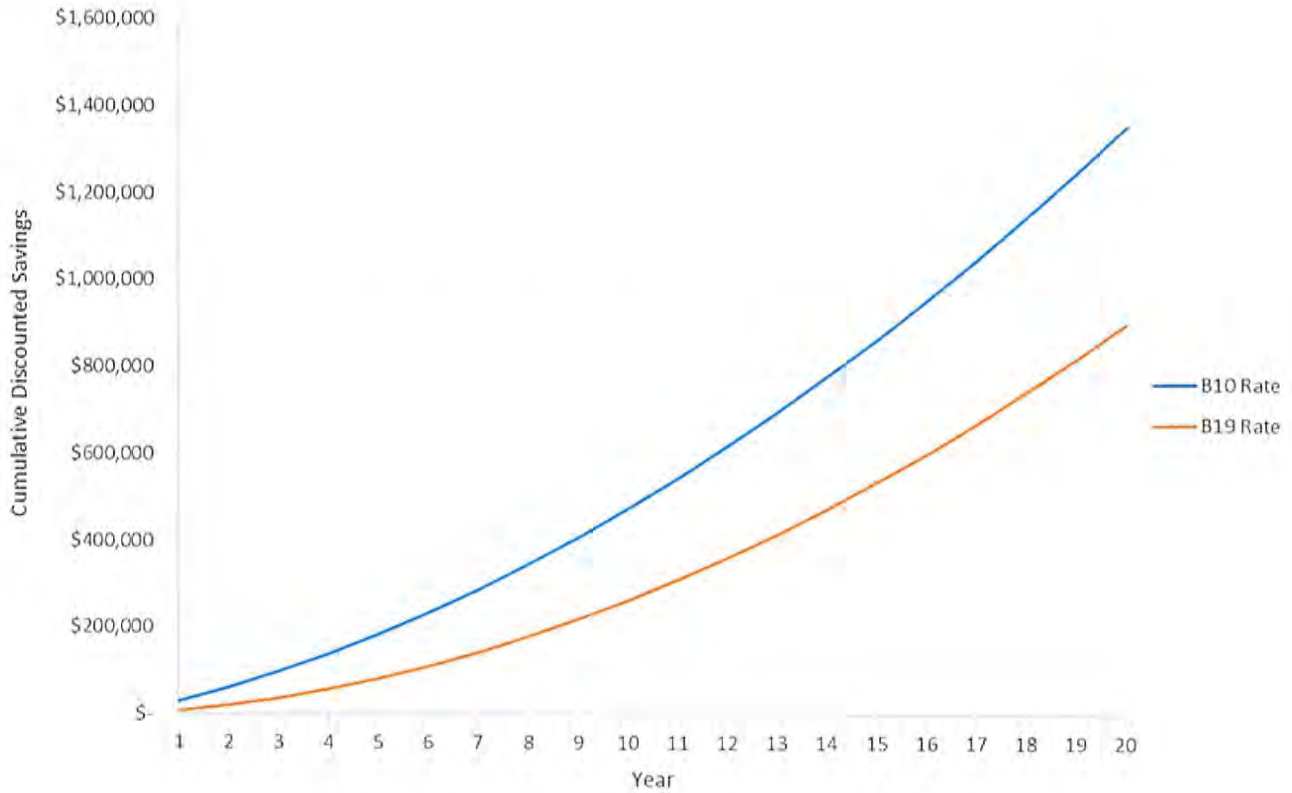


Figure 1. Cumulative Discounted Savings in 20 Years

**Note:**

- PG&E Business Medium Use (B10) is for medium business with moderate energy demand consistently under 500 kW.
- PG&E Business Medium-High Use (B19) is for large and medium businesses with moderate to high energy demand consistently under 500 kW.



To: Interested Parties

Re: **Request for Proposals (RFP)**  
**Solar Photovoltaic Power Purchase Agreement (PPA) Job No. 21300-03**

Dear Prospective Contractors:

The Las Gallinas Valley Sanitary District is seeking PPA proposals for the design and installation of an approximately 1 MW PV PPA. The scope of work includes the removal of existing PV equipment, the reuse of existing infrastructure as appropriate, and the construction of the new PV system, per the documents that follow.

If you would like your firm to be considered, a PDF file of your proposal must be emailed to [mcortez@lgvsd.org](mailto:mcortez@lgvsd.org); cc: [ihuang@lgvsd.org](mailto:ihuang@lgvsd.org) and/or five (5) hard copies must be mailed to the LGVSD Engineering Department, 101 Lucas Valley Road, Suite 300, San Rafael, CA 94903; Attention: Michael P. Cortez PE, District Engineer, no later than **2:00 PM on the date designated in Item 4 of the anticipated schedule below.**

**The Contractor's Proposal must include:**

1. Completed Proposal Sheets
2. PPA Agreement Template
3. PPA Lease Agreement Template
4. Preliminary PV system layout and single line diagram.
5. Data sheets for the PV panels and inverters.
6. Organizational structure of the proposing Team, including Design Firm, Engineering and Construction Firm, and Finance Company.
7. Audited financial statement of the PPA/Finance Company.

If deemed necessary, the District may invite up to three (3) firms for oral interviews. The selection panel will consist of the General Manager, District Engineer, Plant Manager, Collections System Manager, Associate Engineer, and outside consultants.

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

- Knowledge and understanding of District needs.
- Commitment of key personnel and their experience.

The anticipated schedule for the project is: **(To be determined.)**

1. Request for Proposals Published

2. Questions on the RFP no later than:
3. Response to Questions
4. Proposal Deadline:
5. Award of a Contract:
6. Contract Duration

The general Table of Contents of this RFP is:

1. Proposal Forms
2. Specifications and Scope of Work
3. Exhibits
  - a. Plan Drawings for the existing PV system
  - b. Existing Interconnection Application
  - c. Startup and Testing Forms
  - d. District Insurance Requirements
  - e. District Safe Work Requirements

Please contact me or Irene Huang at (415) 472-1734 if you have any questions.

Sincerely,

Michael P. Cortez, PE  
District Engineer

**DOCUMENT 004113  
PROPOSAL FORM**

THIS PROPOSAL IS SUBMITTED BY:

\_\_\_\_\_  
(Firm/Company Name)

Re: SOLAR SYSTEM REPLACEMENT

1. The undersigned PROPOSER proposes and agrees, if this PROPOSAL is accepted, to enter into an agreement with the Las Gallinas Valley Sanitary District ("District"), in the form included in the Contract Documents, Document 005213 (Agreement Form – Stipulated-Sum), to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Sum and within the Contract Time indicated in this PROPOSAL and in accordance with all other terms and conditions of the Contract Documents.

2. PROPOSER accepts all of the terms and conditions of the Contract Documents, Invitation to PROPOSE, and Instructions to PROPOSERS. This PROPOSAL will remain subject to acceptance for 90 Days after the day of PROPOSAL opening.

3. In submitting this PROPOSAL, PROPOSER represents:

(a) PROPOSER has examined all of the Contract Documents and the following Addenda (receipt of all of which is hereby acknowledged).

Addendum Number	ADDENDUM DATE	Signature of PROPOSER

(b) PROPOSER has visited the Site and performed all tasks, research, investigation, reviews, examinations, and analysis and given notices, regarding the Project and the Site, as set forth in Document 005213 (Agreement Form – Stipulated-Sum), Article 5.

(c) PROPOSER has given District prompt written notice of all conflicts, errors, ambiguities, or discrepancies that it has discovered in or among the Contract Documents and as-built drawings and actual conditions and the written resolution thereof through Addenda issued by District is acceptable to Contractor.

4. Based on the foregoing, PROPOSER proposes and agrees to fully perform the Work within the time stated and in strict accordance with the Contract Documents for the following sums of money listed in the following Schedules:

Project Number \_\_\_\_\_ Bid Form  
Project No. Name of PROPOSER 00400 - 1

SCHEDULE OF PROPOSAL PRICES  
 Las Gallinas Valley sanitary district  
 PROPOSAL SHEET  
 SOLAR PHOTOVOLTAIC Power Purchase Agreement

The PPA pricing applies to the PV system only. PPA Term of up to 25 years. The District prefers all costs to be included in the kWh unit price. All costs must be included. No costs will be allowed if they are not included in this pricing sheet. Describe Other Costs. Include multiple PPA options if desired.

Year	\$/kWh	Other Cost - \$
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DRAFT

Description of Other Costs:
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5. Subcontractors for work included in all PROPOSAL items are listed on the attached Document 004366 (Proposed Subcontractors Form).

Project Number \_\_\_\_\_ Bid Form  
 Project No. Name of PROPOSER 00400 - 2

6. The undersigned PROPOSER understands that District reserves the right to reject this PROPOSAL.

7. If written notice of the acceptance of this PROPOSAL, hereinafter referred to as Notice of Award, is mailed or delivered to the undersigned PROPOSER within the time described or at any other time thereafter before it is withdrawn, the undersigned PROPOSER will execute and deliver the documents required by the Instructions to PROPOSERS within the times specified therein.

8. Notice of Award or request for additional information may be addressed to the undersigned PROPOSER at the address set forth below.

9. The undersigned PROPOSER agrees to commence Work under the Contract Documents on the date to be established in the Notice to Proceed and to complete all work within the time specified. The undersigned PROPOSER acknowledges that District has reserved the right to delay or modify the commencement date after issuance of Notice to Proceed. The undersigned PROPOSER further acknowledges District has reserved the right to perform independent work at the Site, the extent of such work may not be determined until after the opening of the PROPOSALS, and that the undersigned PROPOSER will be required to cooperate with such other work in accordance with the requirements of the Contract Documents.

10. The undersigned PROPOSER agrees that, in accordance with the General Conditions, liquidated damages for failure to complete all Work in the Contract within the time specified in Agreement Form shall be as set forth in Agreement Form.

11. IMPORTANT NOTICE: If PROPOSER or other interested person is a corporation, give the legal name of corporation, state where incorporated, and names of president and secretary thereof; if a partnership, give name of the firm and names of all individual co-partners composing the firm; if PROPOSER or other interested person is an individual, give first and last names in full.

NAME OF PROPOSER: \_\_\_\_\_ licensed in accordance with an act for the registration of Contractors, and with license number: # \_\_\_\_\_  
Expiration: \_\_\_\_\_

\_\_\_\_\_  
Where incorporated, if applicable

\_\_\_\_\_  
Principals

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

Signature of PROPOSER \_\_\_\_\_

NOTE: If PROPOSER is a corporation, set forth the legal name of the corporation together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation. If PROPOSER is a partnership, set forth the name of the firm together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership.

Business Address: \_\_\_\_\_  
\_\_\_\_\_

Project Number \_\_\_\_\_ Bid Form  
Project No. Name of PROPOSER 00400 - 3

Contractor's Authorized Representative(s), (name, title):

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Officers authorized to sign contracts:

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Telephone Number(s):

---

Fax Number(s):

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Date of PROPOSAL:

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**DRAFT**  
END OF DOCUMENT

Project Number \_\_\_\_\_ Bid Form  
Project No. Name of PROPOSER 00400 - 4



# SPECIFICATIONS

## Las Gallinas Valley Sanitary District

### PART 1 OVERVIEW

- 1.1 The District's goals are to:
- A Enter into a power purchase agreement (PPA) for a new PV system.
  - B Remove and dispose of approximately 2,400 existing solar panels, and 3 central inverters.
  - C Reuse existing racking, conduit, transformers, pull boxes, electric panels, Data acquisition system, etc., as appropriate.
  - D Install a 1 MW PV system.
- 1.2 Introduction
- A The District's main treatment facility is located at 300 Smith Ranch Road, San Rafael, CA. 94903
  - B The existing PV system is 588 kW and is installed approximately 3,200 feet to the northeast of the main plant. The PV system uses a step-up and step-down transformers to deliver the energy from the PV system to the plant.
  - C Plan Drawings for the existing system are included as Attachment 1.
  - D The existing system has had operational issues, including:
    - 1 The theft of ~90 panels in 2010 that were replaced with new Suntech panels. These panels should be disposed of and replaced.
    - 2 The installation of 234 new Canadian Solar panels in 2021 to replace panels, which could be reused.
  - E The District has completed an interconnection application for the new system to ensure qualification for NEM2. The draft single line diagram is included as Attachment 2.
- 1.3 Scope of Work
- A Remove and Dispose of the existing inverters and PV panels as appropriate.
  - B Design, install, and operate a new PV system.
- 1.4 Prevailing Wages are required.
- 1.5 The District will retain ownership of all environmental attributes of the energy systems (Renewable Energy Credits (RECs), Carbon Credits, etc.)

### PART 2 CONSTRUCTION SUBMITTALS

- 2.1 SUBMITTALS DUE WITH EXECUTION OF THE AGREEMENT:
- A General Liability insurance certificate with endorsement

- B Automobile Liability insurance certificate with endorsement
- C Executed Workers Compensation Certification

2.2 PRE-CONSTRUCTION SUBMITTALS

- A 60% and 90% detailed drawings for review and comment by the District.
- B Stamped permit set with Professional Engineer (registered in the State of California) verification that the systems and the mounting structures and details will meet all local applicable seismic and wind-load requirements per the Specification, for review and approval.
- C Utility interconnection applications.
- D Copies of permits.
- E Fire jurisdiction approval for fire access.

2.3 POST CONSTRUCTION SUBMITTALS

- A As-built drawings showing the final placement of all combiner boxes, connections, and conduit placement, electrical plans, including three-line diagrams, and elevation drawings showing the final placement of the electrical equipment.
- B Panel disposal tracking and compliance paperwork.
- C Copies of all start-up procedure measurements.
- D Copies of all testing data and reports.
- E Copies of Utility operation Approval.
- F Lien releases from all subcontractors.

**PART 3 WARRANTIES**

3.1 VENDOR WARRANTY

- A The vendor is responsible for ensuring that the systems operate as designed for the term of the agreements.
- B All repairs shall be completed in a timely fashion, including, but not limited to, failed cells, inverter issues, damage to units, etc.
- C As part of system monitoring, the Contractor will notify the District staff of performance issues within 15 days.

3.2 All materials used in the construction of the system shall be warranted against degradation for the life of the equipment.

3.3 QUALITY ASSURANCE

- A All generating equipment shall be certified by Underwriter Laboratories (UL). The system shall be comprised of UL listed components or in cases where a UL listed component is not available, the component shall be listed by another OSHA recognized National Recognized Testing Laboratory (NRTL).
- B All installations shall meet or exceed Cal-OSHA requirements for

equipment access.

- C The installation shall not void the warranty or UL Listing of any existing equipment or electric panels

#### **PART 4 CONTRACTOR EXPERIENCE**

- 4.1 Installation Contractor must hold appropriate licenses, and be approved by the Manufacturer to install the system.
- 4.2 Subcontractors must hold licenses in the appropriate disciplines.
- 4.3 Electrical work will be completed by a licensed electrical contractor.

#### **PART 5 MATERIALS SPECIFICATION**

##### **5.1 GENERAL**

- A The Work shall include all materials, labor, equipment, fencing, trenching, paving, electric panels, breakers, services, and incidentals necessary to install a complete PV system and battery storage system including, but not limited to, the work included in this Specification.
- B At a minimum, the Project shall consist of the design, supply, and installation of equipment, mounting structures, terminal and combiner boxes, DC wiring, DC disconnect, grid-connected inverter, AC disconnect, AC wiring, all utility grade metering equipment, and a Battery Management Control System (BMCS), all designed to interconnect with the buildings' electrical systems.
- C It is the Contractor's responsibility to review all available drawings and visit the jobsite to collect and document existing conditions and determine conduit and wiring runs. The Contractor is also responsible for identifying all underground obstructions in the working area via a District approved Underground contractor. The District will support the Contractor by providing all available drawings and institutional knowledge that is available. No allowance shall be made for any additional costs incurred by the Contractor due to failure to properly understand site conditions.
- D The Contractor must provide Civil and Structural engineering analysis and documentation, stamped and signed by a Civil or Structural Engineer registered in the State of California, certifying that the mounting structures can support any loads resulting from local applicable seismic and wind-load activity. A Professional Engineer in the appropriate discipline must stamp all relevant drawings. All mounting canopies shall have a safety factor of at least 1.5.
- E Complete all required utility paperwork for the interconnection agreements.
- F All current California Building Codes and all other applicable codes shall apply.
- G The systems shall be designed to meet all local applicable seismic and wind-load requirements.
- H The Contractor is responsible for securing, and for compliance with, all permits (building, fire, etc), final sign off, and final utility sign off.

- I Commission the system per manufacturer's requirements and provide documentation of proper operation.
- J All components are to be new and direct from the manufacturer; no used or refurbished materials are permitted.
- K All materials that are used outdoors shall be sunlight and UV resistant.
- L Materials shall be designed to withstand the temperatures to which they are exposed.
- M Dissimilar materials should be isolated from one another using non-conductive shims, washers, or other methods.
- N Any materials, equipment, or workmanship that is found defective, based on the acceptance tests or for any other reason, shall be reported to the Engineer. Defective material, equipment, and workmanship shall be replaced.
- O Metals shall be hot dipped galvanized steel, anodized aluminum, and stainless steel.
- P Aluminum shall not be placed in direct contact with concrete materials.
- Q Only grade 316 or better stainless steel fasteners shall be used.
- R All external electrical conduits shall be rigid schedule 40, galvanized and unpainted.
- S All electrical equipment shall be rated for the current and voltage ratings necessary for the application.
- T All required over-current protection devices will be included and accessible for maintenance. Each shall have trip ratings no greater than the de-rated amperage of the conductor it protects.
- U Drainage – The construction of the Battery storage system shall not adversely affect water drainage.

## 5.2 PANEL MOUNTING SYSTEMS

- A All systems shall meet the requirements of the all California Building Codes.
- B PV module attachment must be four-point equally distributed over the frame

## 5.3 MODULES

- A Only Bloomberg Tier 1 rated panels.
- B If panels are manufactured in China, provide certification that the panels meet US "Withhold Release Order" requirements for imports from China.
- C Photovoltaic modules shall be tested in the factory for design performance.

## 5.4 OPTIMIZERS

- A Tigo TS4-A-2F or equal.

#### 5.5 INVERTER

- A PV Inverter shall be SMA Sunny Tri-power or equal.
- B The array shall have a dedicated inverter(s) with optimized performance.
- C Each inverter shall be sized so that it can operate the PV arrays at a minimum of 98% of the array's kW rating.
- D Installation shall meet all applicable UL 1741, IEEE Standard 929-2000 and standard 519, California electric code, and the latest applicable ANSI and FCC standards and addenda dated prior to the award of the purchase order for this procurement.

#### 5.6 ELECTRICAL ENCLOSURES AND BOXES

- A Exterior enclosures and boxes shall be minimum 14 gauge type 316 stainless steel with seams continuously welded and ground smooth, and fast access door latches.
- B Interior enclosures and boxes shall be minimum 14 gauge NEMA 3R.
- C Outer doors shall have provisions for locking enclosure with standard padlocks.
- D A copper ground bus shall be provided in each enclosure or cabinet. It shall have provisions for connecting a minimum of ten grounding conductors.
- E Provide thermoplastic data pockets mounted on inside door. The As-Built drawings for the electrical enclosure shall be placed in a watertight plastic wrap and shipped with the enclosure to the jobsite.

#### 5.7 CONDUIT

- A All exposed conduit shall be unpainted, schedule 40 Rigid galvanized, meeting NEMA/ANSI C80.3 and UL 797 standards.

#### 5.8 WIRE

- A All conductors shall be copper, with a minimum conductivity of 98%.
- B Wire shall be Class B stranded.
- C Insulation of all conductors and cables shall be rated for the voltage of the system.
- D Insulation type shall be moisture and heat resistant thermoplastic THWN, rated 90°C in dry locations and 75°C in wet locations, for #8 AWG and smaller. For #6 AWG and larger insulation shall be type XHHW.
- E Wire identification - all wires, field and interior (non-field) to equipment, shall be identified with machine permanent ink printed sleeve markers or clip-on markers covered with clear plastic heat shrinkable tubing. Hand lettered wire labels are not acceptable and shall be replaced at the Contractor's expense. All wires that are electrically the same (connected to common termination points) and do not pass through a contact or other switching device shall have the same wire identification. The wire labeling code for each end of the same wire shall be identical. Tubing shall be

sized for the wire and shrunk into place with the properly sized heat gun.

#### 5.9 CIRCUIT BREAKERS

- A Circuit Breakers shall be of the indicated type, providing ON, OFF and TRIPPED positions. Circuit breakers shall be quick make, quick break with thermal magnetic action and shall be compatible with existing breaker panel at the power feed facility. The use of tandem or dual circuit breakers in normal single pole space to provide the number of poles or spaces specified are not acceptable. All multiple-pole circuit breakers shall be designed so that an overload on one pole automatically causes all poles to open. Circuit breakers shall be manufactured by Square D or approved equivalent. Breakers shall be sized and have the minimum interrupting capacity as required.

#### 5.10 CONCRETE

- A Concrete shall conform to Caltrans standard specification for class 2 concrete.
- B Concrete mix must exceed the compressive strength requirements of ASTM C387.
- C Type I Portland cement must be used.
- D Aggregate shall be hard, durable, selected, graded, and free from foreign materials.
- E Water shall be potable and free from foreign materials in amounts harmful to the concrete and embedded steel.
- F Utilize standard designs incorporating mixtures that facilitate the workability, curing, and strength.
- G Forms shall be sized to minimize air pockets and maximize strength.

### PART 6 INSTALLATION SPECIFICATION

#### 6.1 GENERAL INSTALLATION REQUIREMENTS

- A All safety, electric, building, and labor code requirements at the national, state, and local levels shall be met.
- B The installations shall be completed in a "workman like manner." The areas shall be kept clean and free of obstructions at all times.
- C The installations shall be completed per each manufacturer's installation manual.
- D All electrical connections and terminations shall be fully tightened, secured, and strain relieved as appropriate.
- E All mounting equipment shall be installed to the manufacturer's specifications.
- F All cables, conduit, exposed conductors, and electrical boxes should be secured and supported according to code requirements.
- G All applicable environmental regulations shall be met.

- H System switching and metering equipment shall have convenient access for resetting or repair during electrical outages, and regular monitoring for data retrieval.
- I The Contractor shall employ personnel that are skilled and experienced in the installation and connection of all elements, equipment, devices, instruments, accessories, and assemblies. All installation labor shall be performed by qualified personnel who have had experience on similar projects. The Contractor must provide first class workmanship for all installations.
- J Ensure that all equipment and materials fit properly in their installations.
- K Perform any required work to correct improper installations at no additional expense to the Customer.
- L The Customer's Engineer reserves the right to halt any work that is found to be substandard or being installed by unqualified personnel.

## 6.2 INSTALLATION STANDARDS

- A System Installations shall conform to Manufacturers' Installation Manuals and approved project drawings and specifications.
- B Mounting hardware shall be compatible with the site considerations and environment. Special attention shall be paid to minimizing the risk from exposed fasteners, sharp edges, and potential damage to the units or support canopies. Corrosion resistance and durability of the mechanical hardware shall be emphasized – the use of stainless steel fasteners and aluminum support canopies are required. The use of ferrous metals, wood, or plastic components is not acceptable.
- C The installations shall be completed with minimal impact on the environment.

## 6.3 WASTE DISPOSAL

- A All waste will be disposed of offsite.
- B Panels shall be recycled and or refurbished, and any waste shall comply with EPA regulatory standards.
- C Vendor must provide R2 and ISO 14001 certificates to the District.

## 6.4 COORDINATION

- A The contractor shall provide a daily update via email and shall participate in a weekly onsite meeting with District staff.
- B The Contractor shall coordinate the electrical work with the other trades, code authorities and Engineer (District's engineer or representative); with due regard to their work, towards promotion of a rapid completion of the Project. If any cooperative work must be altered due to lack of proper supervision of such, or failure to make proper provisions, then the Contractor shall bear expense of such changes as necessary to be made in work of others.
- C The Contractor shall cease work at any particular point, temporarily, and

transfer operations to such portions of work as directed, when in the judgment of the Engineer it is necessary to do so.

- D The Contractor shall schedule all the required work with the Engineer, including each shutdown period. Each shutdown shall be implemented to minimize disruption of the existing operations. The Work to be provided under this Contract shall not disrupt any of the existing operations without prior approval.
  - 1 The Contractor shall not have any unscheduled shutdowns.
  - 2 Carry out scheduled shutdowns only after the time, date, and sequence of work proposed to be accomplished during shutdown has been favorably reviewed by the Engineer. Submit shutdown plans at least 2 days in advance of when the scheduled shutdown is to occur.
  - 3 The Engineer reserves the right to delay, change, or modify any shutdown at any time, at no additional cost to the Customer, when the risk of such a shutdown would jeopardize the operation of the facility.

#### 6.5 SUPERVISION

- A The Contractor shall schedule all activities, manage all technical aspects of the project, coordinate submittals and drawings, and attend all project meetings.
- B The Contractor shall supervise and coordinate all work to insure each phase of the project, submittal, delivery, installation, and acceptance testing, etc. is completed within the allowable scheduled time frames.
- C The Contractor shall be responsible for obtaining, preparing, completing, and furnishing all paper work, which shall include transmittals, submittals, forms, documents, manuals, instructions, and procedures.

#### 6.6 SPECIAL INSPECTIONS

- A All work or materials covered by the Contract documents shall be subject to inspection at any and all times by the applicable Engineer. If any material does not conform to the Contract documents, or does not have a favorably reviewed submittal status; then the Contractor shall, within three days after being notified by the Engineer, remove said material from the premises; and if said material has been installed, the entire expense of removing and replacing same, including any cutting and patching that may be necessary, shall be borne by the Contractor.
- B The Contractor shall give the Engineer 10 working days' notice of the dates and time for inspection. Date of inspection shall be as agreed upon by the Contractor, Operations Manager and Engineer.
- C Work shall not be closed in or covered over before inspection and approval by the Engineer. All costs associated with uncovering and making repairs where non-inspected work has been performed shall be borne by the Contractor.
- D The Contractor shall cooperate with the Engineer and provide assistance



at all times for the inspection of the electrical system under this Contract. The Contractor shall remove covers, provide access, operate equipment, and perform other reasonable work that, in the opinion of the Engineer, will be necessary to determine the quality and adequacy of the work.

- E The permitting authority shall be notified to perform required inspection either prior to or concurrent with Engineer's inspection in the close out process.
- F Before request for final inspection is made, the Contractor shall submit to the Engineer in writing, a statement that the Contractor has made his own thorough inspection of the entire project, enumerating punch list items not complete and that the installation and testing is complete and in conformance with the requirements of this Section.
- G The Owner's Engineer may arrange for a facility inspection by Cal-OSHA Consultation Service at any time. The Contractor shall make the necessary corrections to bring all work in conformance with Cal-OSHA requirements, all at no additional cost to the Customer.
- H Contractor will be Responsible for any Additional Cost for Overtime, Weekend Overtime or Differential Time, Expenses for Inspection of Defective Work that has to be re-inspected.

#### 6.7 JOB CONDITIONS

- A The Contractor shall make all arrangements and pay the costs thereof for temporary services required during construction of the project, such as temporary electrical power. Upon completion of the project, remove all temporary services, equipment, material and wiring from the site as the property of the Contractor.
- B The normal outdoor, not in direct sunlight, ambient temperature range of the job site will vary between 5 to 115 degrees Fahrenheit. All equipment shall be rated to operate in these temperature ranges or provisions for adequate heating and cooling shall be installed, at no additional cost to Customer.

#### 6.8 SAFETY

- A Testing shall conform to the respective manufacturer's recommendations. All manufacturers' safety precautions shall be followed.
- B The procedures stated herein are guidelines for the intended tests, the Contractor shall be responsible to modify these tests to fit the particular application and ensure personnel safety. Absolutely no tests shall be performed that endanger personal safety.
- C The Electrical Contractor shall have two or more Electricians present at all electrical field tests.
- D California Electrical Safety Orders (ESO) and Occupational Safety and Health Act (OSHA): The Contractor is cautioned that testing and equipment shall comply with ESO and OSHA as to safety, clearances, padlocks and barriers around electrical equipment energized during

testing.

- E Field inspections and pre-energization tests shall be completed prior to applying power to equipment.

## **PART 7 METERS, MONITORING, AND DATA ACQUISITION**

### **7.1 PV DATA ACQUISITION SYSTEM (DAS)**

- A The District shall have access to the DAS. The DAS shall include instrumentation (with a stability < 2% change over a one year period) that allows the measurement of:
  - 1 Ambient temperature - accuracy  $\pm 2^{\circ}\text{C}$
  - 2 PV module temperature - accuracy  $\pm 2^{\circ}\text{C}$
  - 3 Wind speed - starting threshold 2.98 mph & accuracy < 5%
  - 4 Plane of array solar irradiation (accuracy  $\pm 5\%$ )
  - 5 A Net Energy package with the ability to monitor the energy used by the facility in all utility time-of-use periods.
  - 6 Monitoring must provide string level output and alarms.
  - 7 Inverter level monitoring.
- B All measurement equipment must be "revenue" grade.
- C The DAS shall capture and store data on 15-minute intervals.
- D Real-Time display will provide the following information. This information can be viewed via the Internet for the entire term of the warranty period. The Contractor will use a regression to establish the system rating at PV-USA Test Conditions as the basis for projecting system output.
  - 1 Instantaneous system output in kW
  - 2 Instantaneous irradiation in watts/square meter.
  - 3 Instantaneous ambient temperature in degrees Fahrenheit
  - 4 Instantaneous wind speed
  - 5 Daily and year-to-date system output in kWh
  - 6 Data shall be provided in a format that easily facilitates graphing and analysis in third party database or spreadsheet programs.

## **PART 8 PROJECT CLOSEOUT**

### **8.1 CLEANING AND TOUCH-UP**

- A Clean all work areas and remove any debris.
- B Prior to startup and completion of the work, and subsequent to final acceptance, all parts of the installation, including all equipment, exposed conduit, devices, and fittings shall be cleaned and given touch up by Contractor as follows:
  - 1 Remove all grease and metal cuttings.

- 2 Any discoloration or other damage to parts of the building, the finish, or the furnishings shall be repaired. Thoroughly clean any exposed work requiring repairs.
- 3 Vacuum and clean the inside of all panel and electrical enclosures.
- 4 Clean all above and below ground pull boxes and junction boxes from all foreign debris prior to final acceptance.
- 5 Paint all scratched or blemished surfaces with the necessary coats of quick drying paint to match adjacent color, texture, and thickness. This shall include all primed painted electrical equipment, including enclosures, panels, poles, boxes, devices, etc.
- 6 Repair damage to factory finishes with repair products recommended by Manufacturer.
- 7 Repair damage to PVC or paint finishes with matching touchup coating recommended by Manufacturer.

## 8.2 FINAL ACCEPTANCE

- A Final acceptance will be given by the District Engineer after the equipment has passed the final acceptance trial period of one month, each deficiency has been corrected, final documentation has been provided, and all the requirements of design documents have been fulfilled.
- B Upon completion of the project, prior to final acceptance, remove all temporary services, equipment, material, and wiring from the site.
- C Acceptance by Engineer shall be based on:
  - 1 All operational tests performed to the satisfaction of Engineer.
  - 2 Receipt of all final documentations listed above.

## PART 9 SYSTEM START-UP

### 9.1 START-UP FORMS

- A Complete start-up and testing forms included Attachment 3.
- B Bill of Materials: Include modules, inverters, disconnects, DAS, and combiner boxes.
- C Power conductor test form: Contractor shall complete a megger test on all wiring at 500 volts for 10 seconds. Each reading shall be a minimum of 100 Meg-Ohms.
- D Grounding system test form
  - 1 Visual and Mechanical Inspection.
    - a. Verify ground system is in compliance with drawings and specifications.
  - 2 Electrical Tests
    - a. Before making connections to the ground electrodes, and before placement of sidewalks, landscape and paving, measure the

- resistance of each electrode to ground using a ground resistance tester.
- b. After all individual ground electrode readings have been made, interconnect as required and measure the system's ground resistance.
  - c. Perform point-to-point tests to determine the resistance between the main grounding system and all major electrical equipment frames, system neutral, and/or derived neutral points.
  - d. The grounding test shall be in conformance with IEEE Standard 81.
  - e. Plots of ground resistance shall be made and submitted to the District Engineer for approval.
  - f. The current reference rod shall be driven at least 100 feet from the system under test.
  - g. Measurements shall be made at 10 foot intervals beginning 25 feet from the test electrode and ending 75 feet from it in a direct line between the system being tested and the test electrode.

3 Test Values

- a. The resistance between the main grounding electrode and ground shall be no greater than five ohms for commercial or industrial systems per IEEE Standard 142.
  - b. Investigate point-to-point resistance values that exceed 0.5 ohms.
- E System Visual and Mechanical Inspection Form: Complete Forms for all equipment listed below.
- 1 PV System: complete a form for the inspection of the PV system. Include inspection of all DC connections, conduit, modules, etc.
  - 2 Combiner Box: Complete a form for each combiner box.
  - 3 Inverter: Complete a Form for each Inverter.
  - 4 Disconnects: Complete a form for each AC Disconnect
  - 5 Main Panel
- F System Output Measurement Form: The Contractor will establish the initial system output to demonstrate that the system is performing as designed, and to establish a baseline to be used for warranty.
- 1 The system output will be verified after construction of the system has been completed, on a clear, sunny day, with a minimum insolation of 700 watts per square meter.
  - 2 Data to be collected will include:
    - a. Volts open circuit
    - b. Volts maximum power (use max of instantaneous reading)

- c. Current at maximum power (use the min of instantaneous reading)
  - 3 Voltages and currents shall be measured for each string, combiner box circuit, and the entire array.
  - 4 Irradiance measurements shall be in the plane of the array.
  - 5 Time, irradiance, and temperature measurements must be taken at a minimum of 15 minute intervals
- 9.2 Start-up shall be per all manufacturers' instruction.
- 9.3 System start-up procedure will be as outlined by the Manufacturer's installation manual and the inverter manual.
- 9.4 Commission inverters per factory instructions.

DRAFT

4/7/2022

## **BOARD MEMBER REPORTS**

### **CLARK**

**NBWA Board Committee, NBWA Conference Committee, 2022 Operations Control Center Ad Hoc Committee , Other Reports**

### **FORD**

**NBWRA, Gallinas Watershed Council/Miller Creek Watershed Council, Marin Special Districts Association, 2022 Engineering Ad Hoc Committee re: STPURWE, 2022 Operations Control Center Ad Hoc Committee, 2022 HR Ad Hoc Committee, Other Reports**

### **MURRAY**

**Marin LAFCO, CASA Energy Committee, 2022 GM Recruitment Ad Hoc Committee, Other Reports**

### **SCHRIEBMAN**

**JPA Local Task Force, Gallinas Watershed Council, 2022 Legal Services Ad Hoc Committee, 2022 HR Ad Hoc Committee, 2022 Biosolids Ad Hoc Committee, Other Reports**

### **YEZMAN**

**Flood Zone 7, CSRMA, Marin Special Districts Association, 2022 Ad Hoc Engineering Sub-Committee re: STPURWE, 2022 Legal Services Ad Hoc Committee, 2022 GM Recruitment Ad Hoc Subcommittee, 2022 Biosolids Ad Hoc Committee, Other Reports**

Agenda Item 8.2 Ford  
Date April 7, 2022

Notes: Marin County Special Districts Association Executive Officers meeting 3/09/22 2:30

1. Roll call: Introductions: President Bill Hanzel;- All.  
New secretary needed.

2. Public Comment-NONE

3. Consent Calendar.

A. Approved minutes of January 26th.

4. Agenda presentations:

A. Jamilla Jordon - Director: Marin County Office of Equity.

Established this year in February. Explained Marin County Office of Equity goals of :Economic Opportunity, Mental Health, and Housing. 3 action teams set up to address the 3 goals.

Established "Marin County Race Equity Action Plan".

Advocating \$18 an hour minimum wage ordinance.

[www.equity.marincounty.org](http://www.equity.marincounty.org)

B. Laine Hendricks-Marin County Public Information Officer. Explained her office and their duties. Coordinate any public emergencies and works with all public emergency agencies. 3 person team in Marin County Administration offices. <https://www.marincounty.org/depts/ad/contact-us>

C. Lew Klous- Explained DC3-Disaster Citizens Corps Council. works with radio emergency communication community. Coordinates short wave radio emergency communications in mostly west Marin. Works with Office of Emergency Services (OES).

<https://apps.marincounty.org/BosBoardsCommissions/BoardPage.aspx?BoardID=29&return=default.aspx>

D Claire Wilson- R3 Consulting Group, Inc.

Solid waste Update. Went through issues special districts are facing with SB1383 including funding. There are funding avenues for districts.

<https://r3cgi.com/company/claire-small-2/>

5. Informational items:

1. Jason Fried-LAFCO update. Explained LAFCO's continuing efforts to clean up jurisdiction lines. Explained LAFCO fees re-cended in this effort.

LAFCO prefers districts bring multiple changes at one time to the table instead of individual changes.

2. Colleen Haley- California Special Districts Association Update – Colleen explained AB789-2021 which cut fees to special districts. This allows cities and counties to transfer CARES Act 2020 funds to special districts. Sample letters and “County toolkit” available on CSDA website.

May 2nd and 3rd are legislative days to visit Sacramento. Register early.

3. Membership round robin- Video of meeting will be streamlined on [www.mcsda.org](http://www.mcsda.org).

6. Future meeting dates to be posted on website.

7. Adjourned: 3:41.



To print, view this certificate in your browser.

Agenda Item 8.3  
Date April 7, 2022



**URBANELEPHANTMEDIA**

## CERTIFICATE OF ATTENDANCE

This certifies that

**Craig Murray**

Attended the following one-hour professional training workshop

**Sustainability in the City of Livonia, Michigan**

Thursday, March 10, 2022 - Webinar

Hosted by Urban Elephant Media, LLC

Sponsored by



Attendee rosters will be kept on file for three years. Contact UrbanElephantMedia, LLC at 563-562-2925 or info@UrbanElephantMedia.com.

Sent to [craig\\_murray@ci.livonia.mi.us](mailto:craig_murray@ci.livonia.mi.us), [Unsubscribe](#)

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## AGENDA

### Air Quality, Climate Change, and Energy (ACE) Workgroup Meeting

**Meeting Date/Time:** March 24, 2022 / 8:30 – 10:30 am  
**Meeting Location:** Zoom Link (provided in the meeting appointment)  
**Dial-in:** Zoom Call-In (provided in the meeting appointment)

#### COMMENCEMENT

ITEM	LEAD
Welcome/Roll Call	Jackie Zipkin (Chair), Greg Kester and Sarah Deslauriers (CASA)
Review/Approval of Agenda	All

#### LEGISLATIVE UPDATE

	ITEM	LEAD	STATUS
1.	State Legislation and Budget	Jessica	Updated ACE Bill list (per Subgroup Review), Budget Letter

#### PRIORITY ISSUES/ACTION ITEMS

	ITEM	LEAD	NOTES
1.	<a href="#">AB 32 Scoping Plan Update: Carbon Neutrality by 2035/2045</a>	Sarah	<a href="#">Workshop Series</a> and latest updates on Natural & Working Lands, Clean/Renewable Electricity ( <a href="#">SB 100</a> ), Vehicle Electrification, SLCPs, Scenario Inputs, and EJAC, Comments on draft scenario modeling results due Apr 4, Board Hearing Mar 24 (today!)
2.	CNRA Natural & Working Lands	Sarah	<a href="#">Draft Climate Smart Strategy</a> , met with CNRA staff Mar 1, Comments due Apr 4 on Strategy and scenario modeling results
3.	CARB Advanced Clean Vehicle Regulations (Electrification)	Sarah, Greg, David, Steve	<a href="#">Advanced Clean Truck Rule &amp; Advanced Clean Fleet Rule</a> , 2020 <a href="#">Mobile Source Strategy</a> , Medium- & Heavy-Duty Infrastructure Workgroup <a href="#">series</a> – Mar 10 panelist, CEC <a href="#">ZEV Infrastructure Plan</a> , CARB Board Member and Executive outreach (met Mar 8), Need to comment at Board Hearing Mar 24 (today!)
4.	SB 1383: <a href="#">Organic Waste Methane Emissions Reductions</a>	Greg, Sarah	<a href="#">SB 1383</a> , CalRecycle <a href="#">Webinar Series</a> , outreach to discuss county ordinances, <a href="#">meeting w/ SWRCB/CalRecycle on implementation</a>
5.	CA Adaptation Update	Sarah	Coastal Commission <a href="#">Final Adopted Guidance - Critical Infrastructure at Risk: Sea Level Rise Planning</a> , draft <a href="#">Adaptation Strategy</a> (Nov 17), OPC Sea Level Rise <a href="#">Action Plan</a> , SWRCB climate change preparedness survey expected in 2022
6.	<a href="#">Criteria Pollutants &amp; Toxics Emissions Reporting &amp; AB 2588 Toxics Program</a>	Sarah, David	<a href="#">Summary of CTR and EICG</a> , CARB <a href="#">Final Statement of Reasons</a> released, business-as-usual reporting of air toxics through 2028, Subgroup preparing approach for statewide two-step process through 2022 (to meet in Apr), met with SCAQMD Mar 1

#### INFORMATIONAL ITEMS

	ITEM	LEAD	NOTES
1.	White House EO: Catalyzing Clean Energy Industries and Jobs through Federal Sustainability	Sarah	Various programs to achieve net zero emissions by 2050
2.	Carbon Sequestration Meta-Analysis	Sarah	Systematic review concluding spring 2022
3.	Biogas/Biomethane Management: EPA <a href="#">Renewable Fuel Standard RINs</a>	Greg	EPA staff considering D3 vs D5 value for sludge vs food waste-based biogas
4.	CEC Integrated Energy Policy Report, <a href="#">Vol. III Decarbonizing CA's Gas System</a>	Sarah	Draft Ch 4: Opportunities for Renewable Gas and Renewable Hydrogen, comments submitted Jan 28
5.	CEC Solutions to Peak Demand Energy Shortages	Greg	CASA engagement with CEC, next meeting Mar 25
6.	CPUC <a href="#">SB 1440</a> Biogas Procurement Proceedings	Greg	<a href="#">Staff Proposal</a> , <a href="#">decision to adopt procurement Feb 24</a>
7.	New BACT for Large Emergency Diesel Engines: BAAQMD, SMAQMD, SCAQMD	Sarah David	BAAQMD and SMAQMD adopted Tier 4; SCAQMD in public process, CARB planning for Tier 5 BACT in 2028

#### UPCOMING CONFERENCES/EVENTS

NAME	DATE/LOCATION
AWWA Sustainable Water Management Conference	Mar 27 – 30, Denver
CWEA Annual Conference (Pre-Conference Event: Partnering for Impact)	April 11 – 14, Sacramento
WEF Residuals & Biosolids Conference	May 24 – 27, Columbus

**NEXT MEETING:** April 28<sup>th</sup>, discuss potential for in-person/hybrid meetings



## AGENDA

### Air Quality, Climate Change, and Energy (ACE) Workgroup Meeting

#### Additional topics we review periodically for progress or changes:

##### State

- CARB Mandatory GHG Reporting Regulation
- CARB Scoping Plan Updates (Natural & Working Lands, Vehicle Electrification, Clean/Renewable Energy)
- CEQA Guidance on GHG Emissions
- CNRA Climate Change Assessment
- CNRA Online CA Sea Level Rise Database
- CNRA Safeguarding CA: Implementation Action Plans
- CEC Climate Change Research Plan
- OEHHA CalEnvironScreen Tool
- California's Climate Future report (by Governor Brown)
- Funding Opportunities

##### Regional Adaptation Collaboratives

- Bay Area Climate Adaptation Network (BayCAN)
- San Francisco Bay Regional Coastal Hazards Adaptation Resiliency Group (CHARG)
- Southern California Association of Governments (SCAG) Regional Climate Adaptation Framework

##### National

- NEPA Guidance on GHG Emissions
- EPA Creating Resilient Water Utilities
- EPA EJScreen Tool
- EPA Mandatory GHG Reporting Regulation Updates
- EPA Clean Power Plan (on stay)
- EPA Existing Source Performance Standards
- EPA Biogenic Emissions Accounting Framework
- White House Budget for DOE Energy Efficiency and Renewable Energy Programs
- White House Climate Change Support Office
- NACWA Energy Workgroup
- NACWA Climate & Resilience Workgroup
- Funding Opportunities

##### International

- Global GAP (Good Agricultural Practices) & Biosolids
- IWA Nitrous Oxide Modeling

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

March 24, 2022 (8:30 – 10:30 am)

Zoom Link – See Meeting Appointment



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## State Legislation and Budget

- 2022 ACE Bill list (per Subgroup review)
- Budget letter



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## Priority Issues/ Action Items



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### 1. AB 32 Scoping Plan Update: Carbon Neutrality

- **Target:** Carbon neutrality by 2035/2045
- Scoping Plan [Workshops](#) through Spring/Summer 2022 on:
  - Natural and Working Lands (Draft Climate Smart Strategy)
  - Building Decarbonization
  - Electricity Sector (SB 100 report and Integrated Energy Policy Report)
  - Transportation Sector (ACF regulation)
  - Short-Lived Climate Pollutants (SLCP reduction under SB 1383 regulation)
  - Environmental Justice

**Comments due April 4<sup>th</sup>!**

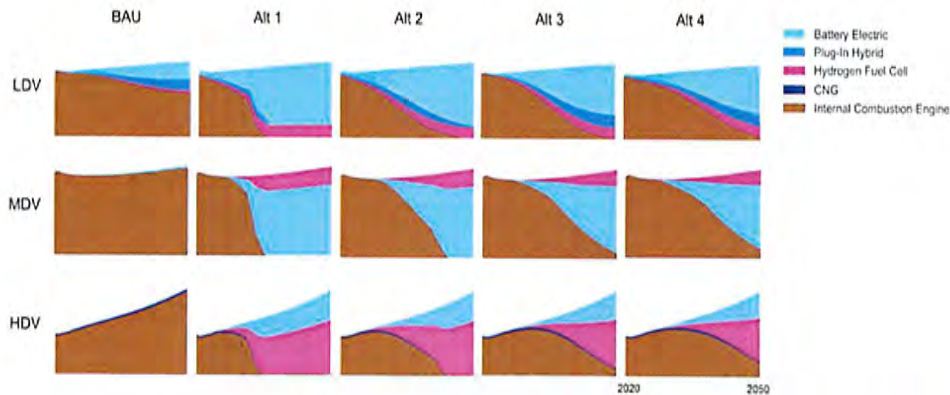
- March 15 workshop on SPU scenario modeling results
- March 24 CARB public hearing to provide summary of SPU scenarios
- Draft of SPU by May 2022 (45-day comment period), June CARB public hearing, final draft in Fall 2022



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## 1. AB 32 Scoping Plan Update: Carbon Neutrality

- Target: Carbon neutrality by 2035/2045
- March 15 workshop on SPU scenario modeling results



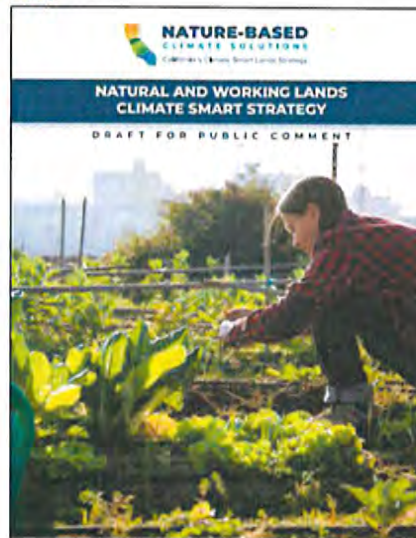
Comments due April 4<sup>th</sup>!



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## 2. CNRA Natural & Working Lands (NWL) Draft Climate Smart Strategy

- Draft Released Oct 2021
- Landscapes
  - Forests
  - Shrublands and Chaparral
  - Developed Lands
  - Wetlands
  - Seagrasses and Seaweeds
  - Croplands
  - Grasslands
  - Sparsely Vegetated Lands
- Met with CNRA March 1 (leads of NWL, Water, and Energy Innovation) – Very supportive of biosolids land application, open to feedback on the draft Strategy



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## 2. NWL related 2021 State Legislation

- AB 284 (Rivas) California Global Warming Solutions Act of 2006: climate goal (2030): natural and working lands
  - By January 1, 2024, develop methods for state agencies to track GHG reductions, carbon sequestration, and additional benefits
- SB 27 (Skinner) C-sequestration: state goals; natural and working lands: register projects

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## 2. NWL Initial Modeling Results

- Goal – estimate trajectory of sources and sinks
- Four scenarios + BAU
- Reviewed approach, as well as modeling limitations, a couple of which are:
  - Not including benefit of offsetting synthetic fertilizer with organic
  - Cropland c-sequestration
- **Comments due April 4<sup>th</sup>**
  - Local research on c-sequestration (and other co-benefits)
  - Unclear if acknowledging CARB's emission reduction factor for organic waste compost land app and SWRCB's replication of ERF for biosolids land app
  - Meta-analysis on c-sequestration resulting from land app of biosolids

*FY 2022-23 proposed budget for Scaled support for climate smart agriculture planning and practices.*

*Funding Agricultural Replacement Measures for Emission Reductions Program (FARMER)—\$150 million*

*Healthy Soils Initiative: \$85M for on-farm conservation practices to sequester carbon in soil.*

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### 3. CARB Advanced Clean Fleet (ACF) Regulations

- Align with 2020 Mobile Source Strategy
- Align with State Implementation Plan (SIP) Strategy Measures

On-Road	Off-Road	Primarily Federally-Regulated
Advanced Clean Fleets Regulation	Tier 5 Off-Road Engine Standard	In-Use Locomotive Regulation
GHG Standards for MD/HD Vehicles, Phase 3	Amendments to In-Use Diesel-Fueled Fleets Regulation	Future Measures for Aviation Emissions Reductions
On-Road Motorcycles New Emissions Standards	Zero-Emission TRU (Part II)	Future Measures for OGV Emissions Reductions
Clean Miles Standard	Commercial Harbor Craft Amendments	
	Cargo Handling Equipment Amendments	
	Off-Road Zero-Emission Targeted Manufacturer Rule	
	Clean Off-Road Fleet Recognition Program	
	CORE – Construction	
	Spark-Ignition Marine Engine Standards	
		Other
		Consumer Products
		Zero-Emission Standard for Space and Water Heaters

- CARB to release final draft SIP Strategy for Board consideration summer 2022, incorporate into 70 ppb ozone standard SIPs due to U.S. EPA in August 2022



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### 3. CARB Advanced Clean Fleet (ACF) Regulations

- ACF by 2035/2045:
  - Draft regulatory language Sept 9<sup>th</sup>, CASA submitted comments
  - CARB to release a second draft regulation April/May 2022
  - Target adoption by fall 2022 (with Scoping Plan Update)
- Workshops/Actions:
  - CARB Medium and Heavy-Duty Infrastructure Workgroup – Mar 10 panelist (electricity and the grid) and plan to host another workshop
- CASA Action Items
  - CARB Board Member meetings – continued outreach
  - CARB Executive meeting Mar 8<sup>th</sup> – focused on biogas use, much interest in pipeline injection (SB 1440) and discussed limitations
  - Subgroup meeting to be scheduled for Apr
  - Workshop & Public Hearing participation/comment letters – Feb 24/Mar 24



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## 4. SB 1383: Organic Waste Methane Emissions Reduction

- 40% methane reduction by 2030 (relative to 2013 levels)
- Organic waste diversion from landfills (includes biosolids, digestate, and sludges)
  - 50% by 2020 (relative to 2014 levels)
  - 75% by 2025 (relative to 2014 levels)
- Implementation
  - State to enforce jurisdictions Jan 1, 2022 (local entities enter agreements)
  - Local jurisdictions to start enforcement Jan 1, 2024
  - Compliance by Jan 1, 2025
- CalRecycle/CASA outreach to counties county ordinances
- Greg met with CalRecycle/SWRCB regarding implementation



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## 5. CA Adaptation: OPC Sea Level Rise Action Plan (FY 2021/22 – 2024/25)

- Released Feb 2022 by SLR Leadership Team
- ~80 State Actions categorized by SLR Principle
  1. Best Available Science
  2. Partnerships
  3. Communications
  4. Local Support
  5. Alignment
  6. Resilience Projects
  7. Equity & Social Justice



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## 5. CA Adaptation: OPC Sea Level Rise Action Plan (FY 2021/22 – 2024/25)

- Actions associated with Principles
  - Action 1.6: Disseminate and implement the Coastal Commission's newly released "Critical Infrastructure at Risk: SLR Planning Guidance for California's Coastal Zone"
  - Action 1.8: Highlight or coalesce available mapping components/layers or visual aids to understand how SLR will impact critical infrastructure
  - Action 5.2: Ensure critical infrastructure facilities have resiliency plans that are implementable within their maintenance period, and longer-term projects are addressed with adaptive management, to the extent feasible.
  - Action 5.9: By 2023, develop site-specific infrastructure resiliency plan (considering minimum of 3.5 ft of SLR by 2050, 6 ft by 2100, and higher)
  - Action 5.16: Inventory regulated permitted facilities vulnerable to SLR (e.g., POTWs, industrial stormwater facilities)
  - Action 6.4: Support multi-phased wastewater resiliency infrastructure projects that end with shovel-ready projects, including WWTPs and onsite treatment

Comments due June 3<sup>rd</sup>!



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## 6. Criteria Pollutants & Toxics Reporting and Air Toxics "Hot Spots" Program Updates

- AB 617 gives CARB authority to "harmonize" air monitoring, reporting, & emission reductions from stationary sources
- AB 2588 Hot Spots compound list is >1000 compounds (from >500)
  - Many of the compounds have unknown toxicity levels
  - Many of the compounds have unknown emission factors
  - Many of the compounds are not relevant to WWTPs
- CASA worked closely with CARB to negotiate phased compliance, allowing WWTPs to:
  - Report business as usual through 2028 (begin reporting in 2029 for 2028 data)
  - Perform a "two-step process" for determining a shortlist of compounds
    - Scanning air space of unit processes to determine detectable compounds
    - Determining the sampling and analysis methods to quantify emissions (Mimic 1990 Pooled Emissions Estimation Program, PEEP)



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## 6. Next steps for the Wastewater Sector...

- CASHA 2022 actions:
  - Drafting approach for Step 1 of the two-step process (including examining scan and source test requirements)
  - Identifying participating agencies
  - Selecting governing structure
- Met with SCAQMD Feb 11<sup>th</sup> and Mar 1<sup>st</sup> to discuss scanning methods (to meet with other air districts and CARB)
- Subgroup to meet in April!



## Informational Items



## 1. White House EO: Catalyzing Clean Energy Industries and Jobs through Federal Sustainability

### Dec 2021: Government-Wide Goals – Net-zero by 2050



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## 2. Carbon Sequestration Meta-Analysis

### Systematic Reviews & Data Extraction

- Virginia Tech to quantify C-sequestration potential from land-applied biosolids based on research/data
- Systematic review of published and unpublished data
- Data (with consent of authors) to be added to open-access repository
- Promote biosolids research, identify gaps, and inform and harmonize future collection methods

### Can You or Someone You Know Help?

- Help review full text
  - Materials and Methods section
  - Checking for soil organic carbon/matter data
- **Please reach out to Mike Badzmierowski, Greg Evanylo, and Lee Daniels!**
- OR if you have data that has not been published already and it shows changes in soil organic carbon/matter concentrations and stocks, please consider sharing

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### 3. Biogas/Biomethane Management: RINs

- EPA Renewable Fuel Standard RINs
  - RFS RIN values for sludge-based biogas (D3, cellulosic) vs food waste-based biogas (D5, advanced biomass fuel)
  - Current interpretation is all biogas from co-digestion will be valued at D5
  - Discussed “plan b” – to allocate D3 and D5 per feedstock
  - Greg surveyed POTWs across US to collect average MCRT, VSR, and scf/lb VSR and submitted data to EPA
  
- EPA to consider approach and how to determine the allocation on a consistent basis
  - Letter sent July 26<sup>th</sup>, met with EPA team July 27<sup>th</sup>
  - Survey results submitted
  - Met February 22<sup>nd</sup> to answer EPA’s questions



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### 4. CEC Integrated Energy Policy Report – Vol. III Decarbonizing CA’s Gas System

- Draft released Jan 13, comments submitted Jan 28, finalized Mar 9
- Ch. 4: Opportunities for Renewable Gas & Renewable Hydrogen
  - Definition of renewable gas updated – *known as biomethane, includes, but is not limited to, gas that is produced from anaerobic decomposition or thermochemical conversion of biomass, including RPS-eligible sources.*
  - *Livestock, wastewater treatment, and waste management all generate organic material that can be used as a feedstock to produce biogas using anaerobic digesters.*
  - *Renewable hydrogen can also be produced using renewables feedstocks and organic waste, including from RPS-eligible sources.*
  - *At this time, there is no consensus on what constitutes renewable hydrogen and no statutory definition. Several commenters suggested the CEC adopt a formal definition of renewable hydrogen that includes a variety of conversion technologies, processes, and sources.*



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## 5. CEC Solutions to Peak Demand Energy Shortages

- Next Meeting: March 25<sup>th</sup>

**Peak Demand Response Opportunities of the California Water Sector** | CASA 2022

**GOALS**  
 Identify opportunities to reduce peak demands during peak periods for providers to CEC/CPUC. Identify needs for both providers and water utilities in order to develop the opportunities. See Key Findings, Regulatory, Policy, Permitting, others.

**OPPORTUNITIES/POTENTIAL**

- Operational**
  - Use of reservoirs for water storage and shift pumping schedules to avoid peak demand.
  - Increase the use of co-digestion to produce additional biogas and thus energy which can allow alternatives to grid demand (go off grid during peak periods by turning off co-generation units). Note this should be done even without co-digestion.
  - Increase the use of and technology of battery storage (increase the effective running time of energy in batteries).
  - Heat flow south that it can be utilized during hot peak demand periods (could be demonstrated at San Francisco PUC).
  - Shift labor force to work into the evening to accommodate shifting demand periods.
- Note that wastewater plants are often located in marginalized communities. Could provide an opportunity to achieve multiple community benefits (i.e., charging stations and microgrid installation).

**NEEDS IN ORDER TO EXECUTE OPPORTUNITIES**

- Capital Funding**
  - Infrastructure such as for co-digestion and co-generation – batteries, microgrids.
- Funding to offset operation cost impacts**
  - Operational expenses, such as double pumping and double treating.
  - Staff expenses, including schedule shift and overtime pay.
- Need to streamline permitting (many changes take inordinate amount of time, money, and staff)**
- IOU Rates should be changed by the CPUC to reflect the value of the Water Sector going off the grid. Currently there is no incentive to do so as demand charges are imposed whenever pumping is reconstituted or a facility goes back on the grid.**
- CalEPA must recognize the value of renewable biogas at wastewater treatment plants and incentivize its production and use (as opposed to current push for all electric vehicles, etc.)**
- Add demand management to local assistance entities such as SoCalREN and its sister agencies**
- Consider what can be incentivized through Natural Gas providers such as OGS, which provides it to some POTWs.**
- CASA and partners can better quantify the potential for energy production at POTWs and quantify how much energy can be conserved by going off the grid.**

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## 6. CPUC SB 1440 Biogas Procurement Proceedings

- Staff Proposal released June 3<sup>rd</sup>
  - Biomethane procurement targets or goals can be adopted in a cost-effective manner while complying with state and federal law
  - 14 specific issues to ensure compliance with CA Public Utilities (PU) Code Section 651(b)
- CPUC adopted procurement February 24<sup>th</sup>

ALJ RULING 3/11/2022

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Adopt Performance Standards and Requirements, Expedited Open Access Rules, and Related Enforcement Provisions | Rulemaking 14-02-006

**ADMINISTRATIVE LAW JUDGE'S RULING DIRECTING PARTIES TO FILE COMMENTS ON PHASE 4A STAFF PROPOSAL AND RELATED QUESTIONS**

To fully implement SB 1440 (June 2019), Energy Division will be preparing a Staff Proposal as part of Phase 4 of the proceeding, many of which are tied to this ruling. The Staff Proposal provides technical and operational addresses challenges, and makes specific recommendations relating to the establishment of a biomethane procurement program to California gas service-covered utilities.

In this ruling, I am directing parties to file comments on the Staff Proposal, specifically including responses to the four following questions:

- Do you agree with Energy Division's proposed method of determining cost-effectiveness? Why or why not? What, if anything, would you change?
- Do you agree with Energy Division's proposed procurement targets? Why or why not? What, if anything, would you change?
- Energy Division proposes 13 recommendations in addition to their proposed cost-effectiveness approach and procurement targets. Please address each of the 13 additional recommendations individually, stating:

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## 7. New BACT for Large Emergency Diesel Engines ≥1,000 bhp – Tier 4 Engines

- Air District Activities
  - BAAQMD – December 2020
  - Sacramento Metro AQMD – May 2021
  - South Coast AQMD –
    - BACT scientific review committee and public review process underway
    - Surveyed facilities
    - Likely adopting requirements similar to BAAQMD and SMAQMD
  
- CARB is exploring Tier 5 BACT:
  - Aiming to reduce NO<sub>x</sub> emissions (up to 90%) and PM emissions (up to 75%) compared to today's Tier 4 final emission standards
  - Stringent exhaust standards for all power categories, including those that do not utilize exhaust aftertreatment (i.e., DPFs and SCRs)
  - First-time CO<sub>2</sub> standards
  - Proposal to Board expected in 2024, implementation expected to start in 2028



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## Conferences/Events

- **AWWA Sustainable Water Management Conference**  
March 27<sup>th</sup> – 30<sup>th</sup>, Denver
- **CWEA Annual Conference (including Partnering for Impact)**  
April 11<sup>th</sup> – 14<sup>th</sup>, Sacramento
- **WEF Residuals & Biosolids Conference**  
May 24<sup>th</sup> – 27<sup>th</sup>, Columbus



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## Upcoming Meetings

April 28<sup>th</sup> – Hybrid (Virtual/In-Person) Meeting

Thank you!



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# California Association of Sanitation Agencies (CASA)

## Wastewater Sector and CARB's Scoping Plan Programs

*CASA is an association of local agencies, performing essential public services while engaged in advancing the recycling of wastewater into usable water, as well as the generation of renewable fuel, energy, biosolids, and other valuable resources. Through these efforts we help create a clean and sustainable environment for Californians.*

*Our members fully support and are focused on helping the state achieve carbon neutrality by 2045. We believe the use of renewable biogas and biosolids derived from wastewater treatment plants as transportation fuel and soil amendment (respectively) are critical paths in achieving this goal, and we want to work collaboratively with CARB to determine a sustainable solution for the wastewater sector while recognizing that complete electrification of our fleets will not be possible in the near term.*

*Below is a list of key points for us to consider as we work together to develop a solution that is sustainable and continues to be protective of public health and our environment, as well as improve community livability.*

- Wastewater treatment plants provide an essential public service by cleaning wastewater to protect the public and return it safely to the environment. Anaerobic digestion is a key component of the solids treatment process, which produces a renewable biogas (digester gas) that can be used as a transportation fuel, onsite for energy production, thermal production in boilers, or for injection into the common carrier pipeline. Capturing this valuable resource is necessary to avoid venting it to the atmosphere and beneficially using it is necessary to avoid flaring (wasting) it. Digestion also produces a beneficial organic residual known as biosolids which can be recycled to agricultural land as a soil amendment/fertilizer. Biosolids sequester carbon, improve soil health, reduce the need for irrigation, and increase crop yields.
- Converting renewable digester gas to a low carbon transportation fuel, under CARB's LCFS program, helps clean the air by eliminating diesel particulate emissions, lowering nitrogen oxide (NOx) emissions, and creating a potentially carbon negative fuel. When diverted food waste is added to wastewater digesters, the additional biogas is even lower in carbon intensity due to the avoided landfill methane emissions.
- Our members have already been required to invest in compressed natural gas (CNG) fueled vehicles and infrastructure by various regulatory requirements, including SCAQMD Rule 1196. However, these clean vehicles will become stranded assets under the newly proposed mobile source electrification regulations.
- When wastewater derived renewable biogas is used in near-zero emission vehicles (NZEVs), powered by Cummins Westport engines, NOx emissions decrease by 90 percent as compared to diesel engines. These clean vehicles are in use now and more purchases had been made in effort to comply with federal law. For example, the Clean Air Act (CAA) requires the South Coast air basin, which is in extreme non-attainment for ozone, to come into compliance by 2023. If this deadline is not achieved, CAA Sections 179 and 185 allow the USEPA to impose the following sanctions: withhold federal highway funding and increase offsetting requirements and impose an annual penalty on major stationary sources. Some public wastewater agencies have estimated the potential penalty to exceed \$1,000,000 per year.
- Our members have attempted to purchase ZEVs, but manufacturers are unable to provide promised electric medium- and heavy-duty trucks specific to wastewater sector needs (not captured in CARB's recent Large Entity Fleet Reporting) and have stated that they will be unavailable for years to come (per recent bids received by members). Even if they were ready to be mass-produced, limited battery life, distance and terrain limitations (as member fleets have varying routes and critical response needs), lack of recharging infrastructure, and on-road weight restrictions significantly inhibit our members' ability to maintain reliable wastewater services without cost prohibitive vehicle and operator redundancy.
- If the proposed CARB regulations only consider purchase of electric trucks, and they will not be readily available for years to come, fleet owners will continue to operate diesel-fueled trucks. This will exacerbate pollution throughout California, including in AB 617 communities.
- One of the pillars of the 2017 Scoping Plan Update, was the adoption of the Short-Lived Climate Pollutant (SLCP) Reduction Strategy. Reduction of landfill methane emissions was a key pathway to achieving the targets

# California Association of Sanitation Agencies (CASA)

## Wastewater Sector and CARB's Scoping Plan Programs

established in the SLCP Reduction Strategy. To reduce methane emissions from landfills, [SB 1383](#) requires organic waste be diverted primarily to anaerobic digesters or compost facilities. The [SWRCB estimates](#) that, by using existing wastewater facility anaerobic digester capacity, up to 29 billion standard cubic feet of renewable biogas could be produced annually from food waste diversion in California. Adding this to the renewable biogas produced from our sludge digestion equals ~87 million diesel gallon equivalents or ~575 million truck-miles each year. However, without the ability to use this renewable biogas as a vehicle fuel or otherwise, diversion of food waste from landfills will be much more difficult and targeted methane emission reductions may not be realized.

- CARB staff have expressed that the Governor's [Executive Order N-79-20](#) requires a conversion to all electric for cars, trucks and other specialty vehicles. However, the Executive Order states that the resulting regulations must be "... ***consistent with state and federal law...***" and implemented "... ***where feasible...***" It should be recognized for the reasons stated above this is not feasible for the wastewater sector in the near-term.
- Local air districts do not have authority to regulate emissions from mobile sources and rely on CARB and USEPA. About 80 percent of NOx emissions contributing to ozone formation is generated by mobile sources. [Table 8 of CARB's October 28, 2021, Mobile Source Strategy](#) denotes that only 7.9 tons per day of NOx reductions will be achieved in the South Coast Air Basin by 2023, which is ~100 tons per day less than required.
- CARB staff has said that the USEPA will not impose CAA sanctions on California, if ozone attainment is not achieved by 2023 in the South Coast Air Basin. While the USEPA might not elect to impose sanctions, those impacted by unhealthy air have litigated to require enforcement of the CAA and are expected to do so again.
- The public wastewater sector strives to improve air quality as part of our core environmental mission. The use of renewable biogas as transportation fuel should be incentivized over the use of diesel while the electric vehicle technology and infrastructure are developing. Renewable biogas fleets and electric fleets can complement each other since biogas will continue to be produced (and cannot be stopped) as part of the wastewater treatment process, as well as with the implementation of SB 1383.

In summary, CARB staff is proposing regulations under the 2022 [Scoping Plan Update](#), 2020 [Mobile Source Strategy](#) and [Advanced Clean Fleets](#), that would eventually prohibit the use of renewable biogas fueled vehicles. Furthermore, CARB/CEC/CPUC have elected to not consider renewable biogas as part of the solution to meeting [SB 100](#) requirements, and local air districts in non-attainment for ozone are further limiting utilization of renewable biogas for onsite renewable energy production to limit emissions or do not have enough emission reduction credits to allow for it. This set of circumstances is threatening beneficial use of renewable biogas which will continue to be produced as a natural part of wastewater treatment and will have to be wasted in the absence of alternatives.

### **CASA respectfully requests the following:**

- As part of an integrated approach to achieving the state's climate and air quality goals, we need a coordinated effort and support to allow and incentivize renewable biogas produced by wastewater treatment to be beneficially used as a low carbon fuel to clean the air while helping achieve methane reductions needed as part of the [SLCP Reduction Strategy](#), as well as maintain reliable essential public services critical to supporting emergency services.
- Include land application of biosolids as a core measure of the Natural and Working Lands Climate Smart Strategy to sequester carbon, avoid fossil fuel intense inorganic fertilizers, and improve soil health.
- Include a technical assessment of **all** regulatory approaches available that will expedite the reduction of NOx, greenhouse gases and diesel particulate emissions. This assessment should include a technical review of the former SCAQMD Executive Officer's publication entitled "[Achieving NOx and greenhouse gas emissions goals in California's heavy-duty transportation sector](#)", August 2021. This document concludes "...*Heavy-Heavy-Duty (HHD) NZEVs should be encouraged in the near to mid-term, and even long-term, if operated on renewable natural gas.*"
- Revise the [Scoping Plan Update](#), [Mobile Source Strategy](#) and [Advanced Clean Fleets](#) regulations to allow renewable non-fossil fuels, such as wastewater derived biogas, to be used in NZEVs for essential public services.

# California Association of Sanitation Agencies (CASA)

## Wastewater Sector and CARB's Scoping Plan Programs

### CASA responses to CARB data/information requests made during the November 5<sup>th</sup> meeting:

During the November 5<sup>th</sup> meeting discussing the critical need for determining long-term sustainable beneficial uses of renewable digester biogas, CARB requested the following information:

1. Quantifying biogas generation from the CA wastewater sector – there are two sources, sewage sludge and diverted digestible food waste (to achieve the SB 1383 mandate). The following estimates are conservatively low based on assumptions, whereas actual measurements show higher biogas production per ton of feedstock:
  - a. Potential generation of renewable diesel transportation fuel from digestion of sewage sludge alone = **15.9 million Diesel Gallon Equivalents (DGE)**
  - b. Potential additional generation from co-digesting food waste (estimate based on assumptions from CalRecycle's SB 1383 Regulations and the SWRCB Co-digestion Capacity Analysis) = **71.4 million DGE**
  - c. Total potential generation = **87.3 million DGE which is equivalent to 576,180,000 miles/year** (assuming 6.6 mpg for heavy duty diesel trucks)
2. Summary of hydrogen-related projects – specifically, those generating hydrogen from biogas for use as a transportation fuel. We do not know of any examples in CA that demonstrate production and use of hydrogen transportation fuel other than in one limited small-scale application some years ago. The other (related) examples we have are of biogas used to generate hydrogen for use in stationary fuel cells; however, this has been largely unsuccessful over the last two decades due to fouling of fuel cells, the associated costs of that, and the inadequacy of fuel cells to start up quickly and respond to varying levels of demand. There is a critical need for regulators to understand our needs from a resilience/critical response perspective – WWTPs and associated collection systems must remain in operation at all times and employ redundancy of key components for resilience. To sufficiently vet the viability of generating hydrogen fuel from biogas and successfully using it in vehicles for our sector's specific needs/ conditions, the wastewater sector needs funding to support research and geographically diverse demonstration projects for reliable long-term options.
3. Efficient pairing of production with use – there are over 150 WWTPs with anaerobic digestion across the state (treating over 90% of CA's wastewater flow) and most generate heat and energy onsite as a resilience measure to power their operations. We would like to discuss diversifying the use of biogas to ensure it is used beneficially (not wasted), as it will be produced in perpetuity. Examples of expanded uses include the following, as well as the current support and barriers to each use:
  - a. Onsite heat and energy generation – EBMUD and CMSA are powering their facilities 100% *and* exporting excess electricity for local use.
    - i. Current and future limitations by local air districts restricting NO<sub>x</sub> emissions (e.g., SCAQMD 2037 ozone attainment).
    - ii. Incentivized by CEC to support grid reliability.
    - iii. Not recognized in the SB 100 Joint Agency Report.
  - b. Transportation fuel – LACSD.
    - i. Supported by the SB 1383 Economic Analysis.
    - ii. Incentivized by CARB's Low Carbon Fuel Standard program.
    - iii. Incentivized by CEC's Alternative Fuels program.
    - iv. Not acknowledged by CEC's ZEV Infrastructure Plan.
    - v. Required for achieving the CAA's mandates for ozone reduction in non-attainment zones.
    - vi. Not included as an option in the proposed electrification regulations for essential public services.
  - c. Pipeline injection – San Diego is directing a small portion and Regional San injects all their biogas.
    - i. IOU goals (SoCalGas and San Diego Gas and Electric) and mandates (i.e., SB 1440) to procure biomethane (from biogas).
    - ii. CalOSHA limit of 10,000 pounds under the Process Safety Management (PSM) program.
    - iii. Incentivized by CPUC; however, the CPUC standard for siloxanes is challenging to meet since it is a moving target with varying influent characteristics of wastewater.



CASA ACE

Chat Notes 3 24 22

Craig K. Murray

Green Hydrogen bill

From Eva Agus to Everyone 08:46 AM

any link to the article?

From Sarah Deslauriers to Everyone 08:49 AM

<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.theguardian.com%2Fenvironment%2F2022%2Fmar%2F22%2Fi-dont-know-how-well-survive-the-farmers-facing-ruin-in-americas-forever-chemicals-crisis&data=04%7C01%7CDeslauriers%40carollo.com%7Cb054ce000fe6439240cb08da0d23c42f%7Cf50354a04a5a4fa1b18f8d1efb41b024%7C0%7C0%7C637836744531807929%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCi6Mn0%3D%7C3000&sdata=Rn4v%2FLkqbgYjfZDrv9Xn4eflKOqdrf20il4J0lpBvnM%3D&reserved=0>

From Eva Agus to Everyone 08:49 AM

it works!

From Jessica Gauger to Everyone 09:00 AM

RE: Omar's question, SB 1075 (Skinner) passed the Business and Professions Committee on Monday. Here is a link to the committee's analysis:

[https://leginfo.legislature.ca.gov/faces/billAnalysisClient.xhtml?bill\\_id=202120220SB1075](https://leginfo.legislature.ca.gov/faces/billAnalysisClient.xhtml?bill_id=202120220SB1075)

Link to CASA's request for support letters on AB 2247: <https://conta.cc/3itNmYU>

Template support letter: <https://casaweb.org/wp-content/uploads/2022/03/AB-2247-CASA-Template-Letter.docx>

From Me to Everyone 09:03 AM

Anyone hear news that PG&E has significantly funded to bring back its fleet to CNG?

From Jennifer McMullin WMWD to Everyone 09:18 AM

Has anyone purchased any heavy duty on road ZEV >15,000 lbs.?

From Heidi Oriol, SASD/Regional San to Everyone 10:13 AM

David, can you clarify what tech Cummins's comment was referring to? Tier IV? Tier V?





Agenda Item 8.4  
Date April 7, 2022 Schrieberman

Teresa Lerch

**From:** Teresa Lerch  
**Sent:** Monday, March 21, 2022 9:32 AM  
**To:** Teresa Lerch  
**Subject:** FW: MABA issues PFAS related press release

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**From:** Regulatory <[regulatory-bounces@lists.casaweb.org](mailto:regulatory-bounces@lists.casaweb.org)> on behalf of Greg Kester via Regulatory <[regulatory@lists.casaweb.org](mailto:regulatory@lists.casaweb.org)>  
**Sent:** Friday, March 18, 2022 7:33 AM  
**To:** [biosolids@lists.casaweb.org](mailto:biosolids@lists.casaweb.org) <[biosolids@lists.casaweb.org](mailto:biosolids@lists.casaweb.org)>; [regulatory@lists.casaweb.org](mailto:regulatory@lists.casaweb.org) <[regulatory@lists.casaweb.org](mailto:regulatory@lists.casaweb.org)>  
**Cc:** Greg Kester <[gkester@casaweb.org](mailto:gkester@casaweb.org)>  
**Subject:** [Regulatory] FW: MABA issues PFAS related press release

Hello everyone – Please see the message and links below which include a PFAS Press Release issued yesterday by the Mid-Atlantic Biosolids Association. It mirrors the arguments made by CASA and our dialogue with the State Water Boards and others. Please let me know if you have any questions or comments. Thanks - Greg

Stay Positive – Test Negative!

Greg Kester  
Director of Renewable Resource Programs  
CA Association of Sanitation Agencies  
925 L Street, Suite 200  
Sacramento, CA 95814  
PH: 916 446-0388  
Mobile: 916 844-5262  
[gkester@casaweb.org](mailto:gkester@casaweb.org)

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**From:** <[maba@memberclicks-mail.net](mailto:maba@memberclicks-mail.net)> on behalf of Mid-Atlantic Biosolids Association <[maba@memberclicks-mail.net](mailto:maba@memberclicks-mail.net)>  
**Reply-To:** "[mfirestone@mabiosolids.org](mailto:mfirestone@mabiosolids.org)" <[mfirestone@mabiosolids.org](mailto:mfirestone@mabiosolids.org)>  
**Date:** Friday, March 18, 2022 at 7:01 AM  
**To:** Greg Kester <[gkester@casaweb.org](mailto:gkester@casaweb.org)>  
**Subject:** MABA issues PFAS related press release

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**Contact Information:**  
Mid-Atlantic Biosolids Association

Mary Firestone, Executive Director  
[mfirestone@mabiosolids.org](mailto:mfirestone@mabiosolids.org)

**For Immediate Release**

**Mid-Atlantic Biosolids Association (MABA) appeals for collaboration from communities and stakeholders: Contain PFAS  
- not after their escape into sewers**

**HARRISBURG, March 17, 2022** - The [Mid-Atlantic Biosolids Association \(MABA\)](#), today announced an appeal to the stakeholders related to recent concerns regarding [PFAS contaminants](#) and their potentially harmful effects to citizens.

"We believe that the 'polluter pays' principle that guides many environmental protections in Pennsylvania, and across the U.S., should be applied to reducing human and environmental risks from PFAS," said Anne Marek, MABA president, "And that principle means those who produce pollution should bear the costs of managing it to prevent damage to human health or the environment."

The phase out of the manufacture of PFOA and PFOS, two major types of PFAS, since 2011, has resulted in significantly lower concentrations in wastewater and biosolids. Likewise [human blood samples](#), which demonstrate the health improvement from reduced exposure to PFAS sources, have decreased. However, the continued public exposure to PFAS from ubiquitous sources, including some [carpets, clothing, cosmetics, paper products, food packaging, and cookware](#), presents concern for individuals and the environment.

While the US Environmental Protection Agency (EPA) is driving the thorough and rigorous development of [PFAS analysis and biosolids](#), they are still in development. The long standing fact remains that biosolids land application is an excellent waste management option as long as the material is quality controlled. [It returns valuable nutrients to the soil and enhances condition](#). Furthermore, the use of biosolids in land application reduces the amount of wastewater solids disposed of in landfills, reduces the production of greenhouse gasses, and affords space in landfills for other types of waste.

"MABA members take pride in their adherence to quality control regulations for the biosolids they produce and apply in  
"And we encourage the state based environmental agencies to take action on PFAS. We want to work together with the  
hotspots for PFAS across the region and work with wastewater treatment plants (WWTPs) to identify and eliminate industrial  
sewers."

Pennsylvanians alone produce an estimated 2.2 million tons of wastewater solids, or sewage sludge and residential sewer  
quarter of a ton per household. This material has proven to be a valuable resource, when controlled and safely applied to  
rejuvenate farmland, forests and minelands. Many farmers in the mid-atlantic region have been able to reduce input  
productivity in their fields with the use of municipal biosolids. Land application of biosolids is a historically safe and sustainable  
a functioning circular economy that eliminates waste and enhances the environment.

The MABA Board issued a position statement of biosolids PFAS to the Pennsylvania Department of Environmental Protection  
2021, related to proposed changes to general permits for land application of biosolids in the Commonwealth.

The Mid-Atlantic Biosolids Association (MABA), founded in 1997, is a non-profit organization devoted to ensuring that biosolids  
everywhere as a valuable community resource through the communication of the benefits of biosolids resources within the region  
and the communities we serve.

###

You can view the press release on MABA's website [here](#), or download a copy of the press release [here](#).

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Questions? Contact Mary Firestone at [mfirestone@mabiosolids.org](mailto:mfirestone@mabiosolids.org) or 845-901-7905.

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## BOARD MEMBER MEETING ATTENDANCE REQUEST

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

I would like to attend the \_\_\_\_\_ Meeting  
of \_\_\_\_\_

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

Location of meeting: \_\_\_\_\_

Actual meeting date(s): \_\_\_\_\_

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

Purpose of Meeting: \_\_\_\_\_

Meeting relevance to District: \_\_\_\_\_

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

Frequency of Meeting: \_\_\_\_\_

Estimated Costs of Travel (if applicable): \_\_\_\_\_

Date submitted to Board Secretary: \_\_\_\_\_

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

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

**4/7/2022**

**BOARD AGENDA ITEM REQUESTS**

**Agenda Item 9B**

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

Californians falling short of water savings targets

DROUGHT

MMWD conservation ranks better than majority of state

By Paul Rogers

progers@bayareanewsgroup.com

As California's severe drought worsens, with reservoir levels falling and the Sierra Nevada snow pack shrinking, the state's residents are failing by a large margin to hit voluntary water conservation targets set by Gov. Gavin Newsom.

Last July, Newsom declared a drought emergency and asked Californians to cut urban water use 15% compared to 2020 levels.

But in January, they did the opposite, increasing water use 2.6% compared to January 2020, according to new data released Tuesday by the State Water Resources Control Board.

Cumulatively, from July to January, Californians reduced urban water use statewide by 6.4% — less than half of Newsom's target, compared to the same time period in 2020.

"There's a lot of untapped potential," said Charlotte Ely, a conservation supervisor with the State Water Resources Control Board. "There's a lot more that we can do. We can get there. We will get there. These numbers are a good wake-up call that we need to buckle up and get going."

In Marin, the Marin Municipal Water District had better conservation compared to the majority of the state in January, cutting water use by about 9.5% compared to January 2020. The district, which serves 191,000 residents in central and southern Marin, is not facing as immediate a water shortage crisis as other

WATER» PAGE 2



Water

FROM PAGE 1

areas across California. The district's seven reservoirs in the Mount Tamalpais watershed were nearly refilled after rains in late 2021 and were about 93% full as of the end of Tuesday. In response, the district relaxed some of the restrictions adopted last year, including replacing the ban on outdoor watering with a two-day-perweek limit. "Our storage projection does indicate we're going to be near average levels for the end of the water year even if we have no additional rain," Paul Sellier, a district official, told the board of directors on Tuesday. "Recognizing that the state is still in drought conditions and we're a little bit better off than our peers in the Bay Area, our messaging and actions for our customers is really to continue to use water wisely."

The North Marin Water District increased its water use by 5.4% in January compared to the same month two years ago, according to the state data. However, data submitted to the state for January 2022 included 32 days of water use compared to just 28 days submitted for January 2020, said Drew Mc-Intyre, the utility's general manager.



Agenda Item 10  
Date April 7, 2022



Alpine Lake at Alpine Dam in Fairfax on Wednesday. The Marin Municipal Water District's seven reservoirs were nearly refilled after rains in late 2021 and were about 93% full as of the end of Tuesday.

PHOTOS BY SHERRY LAVARS — MARIN INDEPENDENT JOURNAL



A sign posted by MarinWater.org along the Miracle Mile on Red Hill Road in San Anselmo encourages water conservation.



and snow since then, those hopes were dashed: On Tuesday the snowpack was just 58% of its historical average, with winter nearly over.

Conditions in 2020, 2021 and 2022 are drier and hotter than conditions during the peak of California's last drought, which was considered the most severe in the state's history back to 1850.

"We're on pace to outdo the driest three years of that drought — 2013, 2014 and 2015," said Michael Anderson, state climatologist with the California Department of Water Resources.

Water use numbers released Tuesday show that Northern California residents continue to conserve more water than Southern California residents.

Cumulatively, from July 2021 to January 2022, Bay Area residents reduced water use by 11% compared with July 2020 to January 2021. But residents of the "South Coast" area, which includes Los Angeles, San Diego and Orange County, reduced use by less than half that, 5.1%.

2

“When taking into account the number of billing days, actual daily water use in January 2022 was about 3.7 million gallons per day,” McIntyre wrote in an email. “This is about 7.5% less than the 4 MGD water use in January 2020.”

With wildfires, the pandemic and now a war in Europe, the public has spent the past two years immersed in crises. Some experts say that has made it more difficult for people to realize the severity of California’s drought.

“People are just not paying attention that much,” said Newsha Ajami, a hydrologist and research director with Lawrence Berkeley National Laboratory. “Drought is a topic, but it is not the topic. The public is not getting the message. This is a serious drought. Our reservoirs and groundwater basins are still below normal. And our water system is under so much stress. People should be taking out their lawns and watering landscaping no more than one day a week.”

Across the state, most cities and local water districts have asked — not ordered — customers to conserve water, and to limit the number of days they irrigate landscaping. Agencies have increased conservation incentives, like offering rebates to people who buy water-efficient appliances.

But in many communities, including most Bay Area cities, there are no consequences for missing water targets, and no enforcement of existing rules for those who waste water.

The central question now with a long, hot summer looming is whether Newsom will shift his water conservation call from voluntary to mandatory, with financial penalties for cities and water districts that fail to hit the targets.

On Monday, Newsom announced \$8 million in new state funding for a public outreach campaign to boost conservation. But his office has not announced new funding for water storage projects, or said whether conservation rules will become mandatory.

During California’s last drought, from 2012 to 2016, former Gov. Jerry Brown at first issued a voluntary call for conservation. But when Californians failed to meet his targets and the drought worsened, Brown issued a 25% mandatory urban water use rule, with targets and fines for agencies that failed to meet them. Some water agencies complained because local water agencies make less money when they sell less water, unless they raise water rates. But Brown achieved the conservation target.

California’s current drought is now moving into a third year. After a rainy October and December, January and February were the driest combined first two months of a year since records began in 1921.

The Sierra Nevada snowpack — the source of nearly one-third of California’s drinking water — hit 168% of normal on New Year’s Day, boosting hopes that the drought was ending. But with almost no rain

↓

4

Droughts always have been a part of California’s weather. Climate change is making them worse, scientists say, with hotter temperatures that melt snowpack more quickly, increase fire risk and dry out soil and vegetation.

“We’re beginning to see the progression that you would see with climate change,” Anderson said.

A study published last month by scientists at UCLA and other universities found that the past 22 years in California and the West have been the driest 22-year period of any in the past 1,200 years, based on an analysis of tree rings. Conditions weren’t drier and hotter in 800 A.D., the researchers said, it’s only that tree ring records only accurately go back that far.

Meanwhile, reservoir levels across much of California remain below average and are falling with little rain to fill them.

California’s largest reservoir, Shasta Lake, near Redding, was 38% full Tuesday, and its second largest, Lake Oroville, in Butte County, was 46% full.

The U.S. Drought Monitor, a weekly federal report, said Thursday that despite December rains that helped reduce drought severity, 87% of California remains in a severe drought, including all of the Bay Area. And 13% of the state — including Mendocino County, and parts of Inyo and San Bernardino — are mired in extreme drought.

Since nobody knows how many more years this drought will last, it’s common sense to save water, Ajami said.

“If you weren’t sure you were going to have a job next year, you wouldn’t spend all your money this year,” she said. “You would be much more thoughtful. Water is the same thing.” *Independent Journal reporter Will Houston contributed to this report.*



David Supan of San Francisco stops to check out the water level while riding past Alpine Lake in Fairfax on Wednesday. The Marin Municipal Water District’s seven reservoirs were nearly refilled after rains in late 2021 and were about 93% full as of the end of Tuesday.

SHERRY LAVARS — MARIN INDEPENDENT JOURNAL

## New decorative turf ban OK'd to save water

### MARIN MUNICIPAL

Rule covers businesses and government agencies

By Will Houston

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

The Marin Municipal Water District is prohibiting businesses and government agencies from installing new decorative turf.

The ban, set to take effect on April 15, is aimed at reducing demand on local water supplies by the preventing the installation of decorative grass typically found in areas such as road medians or along sidewalks in strip malls and shopping centers. The restriction does not affect residential landscaping or recreational areas such as parks and athletic fields.

"Even though the specific water supply benefits will be modest, I think this is an important first step to ensuring that we don't continue with water wasteful practices," district board member Cynthia Koehler said during the board's meeting on Tuesday.

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Water

FROM PAGE 1

The new rule targets turf projects that would require new water connections of any kind, including recycled water connections. These include new construction projects that have an aggregate turf area of more than 500 square feet. The ordinance also affects landscape rehabilitation projects that would have 1,000 square feet of turf or more.

The board voted 4-1 to adopt the ban on Tuesday. Larry Russell, the board president, cast the dissenting vote, stating that 30 days was not enough notice for projects that are working their way through the permitting process.

"I think there would be buildings already in design that you're going to step right on their toes," he said. "What's the rush?"

He also disagreed with prohibiting businesses or agencies from installing decorative turf that only uses recycled water.

Carrie Pollard, the district's water efficiency manager, said the idea of banning all decorative turf is to encourage the most efficient use of the water available, especially as the district expects demand for recycled water to increase through the years.

"The thought was that we want to encourage the use of recycled water, but that's also valuable water," Pollard told the board. "At some point, it will be a limited supply."

Pollard said there are no water service applications

"I think it's a very vital and necessary step for Marin to take and ultimately I think will only add to the beauty of Marin County by moving forward into a more sustainable landscape," board member Larry Bragman said.

WATER» PAGE2

under consideration for non-residential developments. The district will also use a variance process to consider specific developments.

Board member Jack Gibson also expressed concern about potential overregulation, but other board members disagreed.

"We need to get our arms around landscape in Marin. It's our biggest single use of water," Bragman said. "I agree that recycled water should be conserved. It shouldn't be looked upon as free water. It's not, it's more expensive water. We have a lesser supply of recycled water."

Board member Monty Schmitt said the board should take a step further by eventually phasing out all decorative grass, including existing turf to be removed. There are about 35 acres of decorative grass on non-residential areas in the district. District staff estimates this turf uses a total of 164 acre-feet of water per year, which equates to about a half-percent of the district's total annual water use in 2020.

"We're concerned about growth and we have an opportunity here to take out nonfunctional grass and medians in order to meet new housing," Schmitt said.

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## Sewage plant project fouls air in neighborhood

### MILL VALLEY

By Giuseppe Ricapito

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

The operation of a recently renovated digester tank at the Mill Valley sewage treatment plant is causing an unpleasant smell to blanket the neighborhood.

The 40-year-old tank, known as "Digester #1," was renovated with a new cover and mechanical refinements earlier this year. The tank, which is 50 feet in diameter, was returned to operation this month processing sewage sludge.

Plant director Mark Grushayev said the tank operates much like a human stomach. It is heated to 98 degrees Fahrenheit and maintains that temperature with several hundreds of gallons of sludge. It is designed to reduce the volume of sewage sludge and make it suitable for later use.

When the repairs were completed, the tank was refilled. A chemical process is underway to establish a biological environment that facilitates the breakdown of organic matter in perpetuity. During the reestablishment process, gases are created, which cause unpleasant odors.

"We are very sensitive about our community and we are trying to be a good neighbor," Grushayev said. "The plant always has some odors, but that was a little beyond a typical odor we do emit on a regular basis."

The city issued a public notice about the odor on March 10.

Kristine Roselius, spokesperson with the Bay Area Air Quality Management District, said her agency received one odor complaint about the plant on March 9.

Grushayev acknowledged a handful of complaints made to the sma, the agency that manages the plant,

as a result of the augmented scent, including from nearby Mill Valley Middle School.

He said the odor has been "less strong" over the last several days and noted the sewerage agency has gone to great lengths to mitigate the impact of foul smells.

Grushayev said the agency received an award last year from the California Association of Sanitation Agencies for the installation of an odor scrubber control system, which quells smells in a separate section of the facility.

Grushayev noted that the plant has other odor sources which the agency is seeking to mitigate as well.

"We're aware of our issues. Even though we got an award, it's about going on the same route and developing other controls for the other components of this facility," he said.

Anna Russell, a spokesperson for the Mill Valley School District, said the middle school has regular communication with plant managers.

"The plant staff are very responsive and polite, however there is little that can be done to mitigate the smell," she said.

SEWAGE» PAGE 4

Sewage

FROM PAGE 3

COVID-19 protocols have kept windows and doors open for increased ventilation, which has sometimes led to discomfort.

"At times, classroom windows and doors have been closed due to the potency of the odors," she said. "The health and safety of our students and staff always remains our priority."

Mayor John McCauley characterized the work as necessary to complete the repairs on the plant.

"It's unavoidable, over that time, there will be some odor," he said.

The project was one of the final components of

a \$20 million rehabilitation project of the plant that began in 2018. The current project was a \$2.2 million new cover installation and tank rehabilitation project.

The facility rehabilitation project is expected to be completed by the end of the year. It involved numerous upgrades of aging equipment and rehabilitation of existing infrastructure to ensure reliable treatment of the wastewater.

Marin studies new water sources

MMWD STRATEGY

Options sought to help handle future droughts

By Will Houston

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

The Marin Municipal Water District has launched an effort to explore new sources of water and study how it might help the county weather future droughts.

The study comes after the district and the 191,000 residents in central and southern Marin it serves faced potentially depleted reservoirs following two years of drought.

To prevent running out of water, the district scrambled to plan a \$100 million emergency pipeline across the Richmond-San Rafael Bridge to pump in water purchased from the Sacramento Valley before mid-2022.

But heavy rains in late 2021 worked to nearly refill the district's reservoirs, allowing the district to take a step back from the emergency and take a more in-depth look at new supply options, Paul Sellier, a district official, said during a public workshop this month.

"We have a little bit more time with the water supply that we now have, and that's going to allow us to take this strategic water supply assessment," Sellier said. "The result of the assessment will be a road map toward water supply resiliency."

A variety of options is on the table for the assessment, including the bridge pipeline, also

called intertie; a desalination plant; raising dams at reservoirs; expanding the recycled water system; and groundwater banking in partnership with the Sonoma Water agency.

WATER» PAGE 4

DOUGLAS ZIMMERMAN — SPECIAL TO THE MARIN INDEPENDENT JOURNAL



Water rushes down the spillway at Peters Dam at Kent Lake near Lagunitas on Jan. 6.

Water

FROM PAGE 1

The assessment will be performed by the Texas-based Jacobs Engineering Group. The company's project manager, Armin Munevar, said the study will have two main phases.

The first is to study how the district's two-year water supply could be affected by future changes such as increased demand, a variety of drought scenarios and climate projections. The group will also run these same stress tests against scenarios where the district has more water supplies to see how they compare.

"What we're attempting to do is explore different futures, droughts, demands, policies, et cetera, and ensure that the system is resilient given those plausible futures," Munevar said. "We're not trying to predict one particular outcome."

The study will then look at a variety of new water sources and evaluate their costs, their resiliency in future droughts, environmental impacts and social factors.

"What we may find is some of the alternatives work best in combination with other alternatives," Munevar said. "So there is likely a process where we'll develop portfolios of a combination of alternatives."



"Could our potential intertie be able to connect us to a future desalination plant in the San Pablo Bay so we can draw from that source rather than needing our own desal system?" Beryn Hammill asked district staff.

Steve Isaacs asked the board whether it has given Jacobs Engineering Group a set water supply target it wants to achieve.

"A two-year water supply for Marin has been an acceptable strategy for the MMWD board, and that has been a disaster," Isaacs said.

Ben Horenstein, the district's general manager, said the first part of the study will be exploring the amount of water the utility might want to obtain rather than setting a specific target now.

"I'm really not seeing the disaster," Horenstein said. "What I'm seeing is a district responding to the external change of climate change in a similar fashion as we did in the late 70s and early 80s when we had the record drought back then."

Sellier said the district can't arbitrarily select a number for storage.

"It needs to have some basis, and that's what we're trying to do with this water supply assessment," Sellier said.

(2)

A second public workshop set to take place in May or June will provide an update on some of these efforts. In June and July, the study will review the water sources and prepare a final report. A third public workshop will be held in July or August.

Ratepayers who attended the March 9 workshop had questions and comments ranging from desalination options to the role of conservation to housing development impacts.

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Sunday, 03/20/2022 Page .A01

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