



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.

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

DISTRICT ADMINISTRATION
Mike Prinz,
General Manager
Michael Cortez,
District Engineer
Mel Liebmann,
Plant Manager
Greg Pease,
Collection System/Safety Manager
Vacant,
Administrative Services Manager

BOARD MEETING AGENDA

August 6, 2020

On March 12, 2020, Governor Newsom issued Executive Order N-25-20, which enhances State and Local Governments' ability to respond to COVID-19 Pandemic based on Guidance for Gatherings issued by the California Department of Public Health. The Executive Order specifically allows local legislative bodies to hold meetings via teleconference and to make meetings accessible electronically, in order to protect public health. In light of this, August 6, 2020 meeting of the LGVSD Board will be held via Zoom electronic meeting. There will be NO physical location of the meeting. Due to the current circumstances, there may be limited opportunity to provide verbal comments during the meeting. Persons who wish to address the Board for public comment or on an item on the agenda are encouraged to submit comments in writing to the Board Secretary (tlerch@lgvsd.org) by 5:00 pm on Wednesday, August 5, 2020. In addition, Persons wishing to address the Board verbally must contact the Board Secretary, by email (tlerch@lgvsd.org) and provide their Name; Address; Tel. No.; and the Item they wish to address by the same date and time deadline for submission of written comments, as indicated above. Please keep in mind that any public comments must be limited to 3 minutes due to time constraints. Any written comments will be distributed to the LGVSD Board before the meeting.*

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

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

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

REMOTE CONFERENCING ONLY

Join Zoom Meeting online at:

<https://us02web.zoom.us/j/81155509042?pwd=Ukw2eUhhK1R0enBUUnQrVHg5aitkUT09>

OR

By teleconference at: +16699009128 Meeting ID: 811 5550 9042

Meeting Passcode: 951372

**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

CLOSED SESSION:

Estimated
Time

- 3:45 PM**
- 1. CONFERENCE WITH LEGAL COUNSEL—ANTICIPATED LITIGATION** – Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Government Code § 54956.9: One potential case.
 - 2. CONFERENCE WITH REAL PROPERTY NEGOTIATORS** – Pursuant to Government Code § 54956.5; Regarding real property located at 405 Vendola Drive, San Rafael. Real Property Negotiator Is Mike Prinz, General Manager.

OPEN SESSION:

- 4:30 PM**
- 1. PUBLIC COMMENT**
This portion of the meeting is reserved for persons desiring to address the Board on matters not on the agenda and within the jurisdiction of the Las Gallinas Valley Sanitary District. Presentations are generally limited to three minutes. All matters requiring a response will be referred to staff for reply in writing and/or placed on a future meeting agenda. Please contact the General Manager before the meeting.

- 4:35 PM**
- 2. CONSENT CALENDAR:**
These items are considered routine and will be enacted, approved or adopted by one motion unless a request for removal for discussion or explanation is received from the staff or the Board.
 - A. Approve the Board Minutes for July 16, 2020
 - B. Approve the Warrant List for August 6, 2020
 - C. Approve Contract Amendment 1 to ArcSine Engineering
 - D. Approve Murray attending the Overcoming O& M Challenges COVID-19 Webinar July 22, 2020
 - E. Approve Murray attending the Buliding and Maintaining an Equity Mindset in Local Government Webinar July 28, 2020
 - F. Approve Murray attending the Maximizing Performance Through Documentation, Evaluation and Corrective Action Webinar July 29,2020
 - G. Approve Application of Allocation of Capacity for APN 175-25-14, 496 Las Gallinas Ave Northgate III Shopping Center
 - H. Approve Application of Allocation of Capacity for APN 165-102-25, 1927 Las Gallinas Ave Accessory Dwelling Unit
 - I. Approve Extension of Designation of the Secondary Treatment Process Upgrade and Recycled Water Expansion Project as an Essential Function per Marin County Public Health Order
 - J. Approve Order of the Board that Publication of Ordinance 183 has Occurred

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

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

- 4:45 PM **3. PUBLIC HEARING FOR ORDINANCE NO. 184 AMENDING OF TITLE 1, CHAPTER 2 – SANITARY CODE OF THE LAS GALLINAS VALLEY SANITARY DISTRICT PUBLIC HEARING – CHANGING THE REGULAR BOARD MEETING START TIME FROM 4:30 PM TO 3:30 PM**
 - A. OPEN PUBLIC HEARING**
District staff presentation on the proposed Ordinance No 184 Amending Title 1, Chapter 2 Sanitary Code of the Las Gallinas Valley Sanitary District.
 - B. REVIEW DISTRICT STAFF RECOMMENDATIONS**
Board to consider staff recommendation to amend Title 1, Chapter 2 Sanitary Code of the Las Gallinas Valley Sanitary District.
 - C. PUBLIC COMMENT**
This portion of the meeting is reserved for persons desiring to address the Board regarding the change in meeting time. Presentations are generally limited to three minutes.
 - D. CLOSE THE PUBLIC HEARING**
Board to close the public hearing.
 - E. BOARD DETERMINATION AND ACTION**
Board to consider comments from public, review administrative record and make determination regarding action to change the Regular Board meeting start time.

- 5:00 PM **4. BOARD MEETING DURATION**
Board and staff to discuss the regular Board meeting duration.

- 5:30 PM **5. CURRENT AND FUTURE BOARD AD HOC COMMITTEES**
Board to discuss the current and future AD HOC committees including the 2019 General Manager Evaluation and the 2019 Employee Climate Survey committees.

- 5:45 PM **6. INFORMATION ITEMS:**
 - A. STAFF/CONSULTANT REPORTS:**
 - 1. General Manager Report – Verbal
 - 2. Grand Jury List of Public Agencies Report – Written

- 6:05 PM **7. BOARD MEMBER REPORTS:**
 - 1. CLARK
 - a. NBWA Board Committee, NBWA Conference Committee, Ad Hoc HR Committee re: 2019 GM Evaluation, Ad Hoc HR Committee re: 2019 Employee Climate Survey, Other Reports
 - 2. ELIAS
 - a. NBWRA, Ad Hoc Engineering Committee re: STPURWE, Other Reports
 - 3. MURRAY
 - a. Marin LAFCO, CASA Energy Committee, Ad Hoc HR Committee re: 2019 GM Evaluation Other Reports

- 4. SCHRIEBMAN
 - a. JPA Local Task Force, NBWA Tech Advisory Committee, Ad Hoc HR Committee re: 2019 Employee Climate Survey ,Other Reports
- 5. YEZMAN
 - a. Gallinas Watershed Council/Miller Creek Watershed Council, Flood Zone 7,CSRMA, Ad Hoc Engineering Committee re: STPURWE, Other Reports

6:25 PM

8. BOARD REQUESTS:

- A. Board Meeting Attendance Requests – Verbal
- B. Board Agenda Item Requests – Verbal
- C. Pending Board Agenda Item Requests
 - (i) Board Conference Registration Assistance
 - (ii) Employee Climate Survey
 - (iii) Administrative Policy A-03- Mobile Comuter Devices use for District Business
 - (iv) Donation Policy

6:30 PM

9. VARIOUS ARTICLES AND MISCELLANEOUS DISTRICT CORRESPONDENCE

6:35 PM

10. ADJOURNMENT

FUTURE BOARD MEETING DATES: AUGUST 20, SEPTEMBER 17, OCTOBER 1, 2020

AGENDA APPROVED:	Rabi Elias 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 August 3, 2020 at 3:45 p.m., I posted the Agenda for the Board Meeting of said Board to be held August 6, 2020 at the District Office, located at 101 Lucas Valley Road, Suite 300, San Rafael, CA.



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.

MINUTES OF JULY 16, 2020

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2
3 THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT MET IN OPEN
4 SESSION BY ZOOM CONFERENCE ON JULY 16, 2020 AT 3:08 PM AND STAFF BY ZOOM
5 CONFERENCE AT THE DISTRICT OFFICE, 101 LUCAS VALLEY ROAD, SUITE 300 CONFERENCE
6 ROOM, SAN RAFAEL, CA. 94903
7

8 **BOARD MEMBERS PRESENT:** (By Roll Call): M. Clark, R. Elias, C. Murray,
9 J. Schriebman, C. Yezman
10

11 **BOARD MEMBERS ABSENT:** None
12

13 **STAFF PRESENT:** Mike Prinz , General Manager; Teresa Lerch, District
14 Secretary
15

16 **OTHERS PRESENT:** Pat Richardson, District Counsel; Mark Moses,
17 Regional Government Services
18

19 **ANNOUNCEMENT:** President Elias announced that the agenda had been
20 posted as evidenced by the certification on file in
21 accordance with the law.
22

23 **PUBLIC COMMENT:** None.
24

25 **ACTION:**
26

27 THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT ADJOURNED TO
28 CLOSED SESSION ON JULY 16, 2020 , AT 3:09 PM, BY ZOOM CONFERENCE AND AT THE DISTRICT
29 OFFICE, 101 LUCAS VALLEY ROAD, SUITE 300, CONFERENCE ROOM, SAN RAFAEL, CALIFORNIA.
30

31 Lerch left at 3:09 pm.
32

33 **CLOSED SESSION:**
34

35 **ASM RECRUITMENT UPDATE – PUBLIC EMPLOYEE APOINTMENT/EMPLOYMENT**

36 **ADMINISTRATIVE SERVICES MANAGER** – Pursuant to subdivision (b)(1) of Government Code Section
37 54957.
38

39 **CONFERENCE WITH REAL PROPERTY NEGOTIATORS** – Pursuant to Government Code
40 § 54956.5; Regarding real property located at 405 Vendola Drive, San Rafael. Real Property Negotiator Is
41 Mike Prinz, General Manager.
42

43 **CONFERENCE WITH LEGAL COUNSEL—ANTICIPATED LITIGATION** – Significant exposure
44 to litigation pursuant to paragraph (2) of Government Code § 54956.9: One potential case.
45
46

47 **ADJOURNMENT:**
48

49 **ACTION:**

50 The Board of Directors of the Las Gallinas Valley Sanitary District reconvened the Regular Session on
51 July 16, 2020 6:01 pm.
52

53 **BOARD MEMBERS PRESENT:** (By Roll Call): M. Clark ,R. Elias, C. Murray,
54 J. Schriebman, C. Yezman (arrived at 6:08 pm)
55

56 **STAFF PRESENT:** Teresa Lerch, District Secretary; Mike Cortez, District
57 Engineer
58

59 **OTHERS PRESENT:** Mark Moses, Regional Government Services; Tom
60 Gorman, Kennedy Jenks
61

62 **PUBLIC COMMENT:** None.
63

64 **REPORT ON CLOSED SESSION:** President Elias reported that there were no reportable actions in
65 Closed Session.
66

67 **CONSENT CALENDAR:**

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

- 70 A. Approve the Board Minutes for June 26 and July 2, 2020
- 71 B. Approve the Warrant List for July 16, 2020
- 72 C. Approve Board Compensation for June 2020
- 73 D. Approve Schriebman attending the Virtual 35th Annual National WaterReuse Conference
74 September 14-16
- 75 E. Approve Order of the Board that Publication of Ordinance 182 has Occured
- 76 F. Approve Extension of Designation of the Secondary Treatment Process Upgrade and
77 Recycled Water Expansion Project as an Essential Function per Marin County Public Health
78 Order

79 **ACTION:**

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

81 Roll Call:

82 AYES: Clark, Elias, Murray and Schriebman
83 NOES: None.
84 ABSENT: Yezman.
85 ABSTAIN: None.
86

87 **CASA 2020 DESIGNATION OF AGENCY REPRESENTATIVE AND RELATED MATTERS**

88 Board discussed appointing CASA Agency Representatives and the CASA Board of Directors and Dues
89 Resolution. Discussion ensued.
90

91 **ACTION:**

92 Board approved (M/S Schriebman/Murray 5-0-0-0) appointing Judy Schriebman as the CASA voting
93 member who shall exercise the voting rights and other privileges on behalf of LGVSD. Mike Prinz is the first
94 Alternate and Megan Clark is the second Alternate.

95 Roll Call:

96 AYES: Clark, Elias, Murray, Schriebman and Yezman.
97 NOES: None.
98 ABSENT: None.
99 ABSTAIN: None.

100 **ACTION:**

101 Board approved (M/S Schriebman/Clark 5-0-0-0) Teri Lerch (Board Secretary) receiving official
102 communications from and/or sending official communications to CASA by electronic transmission (i.e. -
103 email).

104 Roll Call:

105 AYES: Clark, Elias, Murray, Schriebman and Yezman.
106 NOES: None.
107 ABSENT: None.
108 ABSTAIN: None.
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ACTION:

Board approved (M/S Murray/Schriebman 5-0-0-0) Board approved the CASA Slate of Directors.

Roll Call:

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

ACTION:

Board approved (M/S Schriebman/Clark 5-0-0-0) the CASA Dues Resolution No 20-210.

Roll Call:

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

SEPTEMBER BOARD MEETING SCHEDULE MODIFICATION

Board and staff discussed cancelling the September 3, 2020 Board Meeting.

ACTION:

Board approved (M/S Clark/Murray 5-0-0-0) cancelling the September 3, 2020 Board Meeting.

Roll Call:

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

BOARD MEETING START TIME

Board and staff discussed changing the Board meeting start time. Discussion ensued.

ACTION:

Board approved (M/S Schriebman/Murray 5-0-0-0) having a Public Hearing and amending the Ordinance Code to change the Board Meeting Start time to 3:30 pm.

Roll Call:

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

DONATIONS OF DISTRICT FUNDS TO NONPROFIT ORGANIZATIONS

Board and staff discussed the donation of District Funds to nonprofit organizations. Discussion ensued.

ACTION:

Board approved (M/S Yezman/Clark 3-2-0-0) donating \$1000 to the River Otter Ecology Project "Mostly Water Art & Poetry Splash" Contest.

Roll Call:

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

INFORMATION ITEMS:

STAFF / CONSULTANT REPORTS:

1. General Manager Report – Verbal – Prinz reported
2. LGVSD Response to Marin County Civil Grand Jury Follow-up Report on Web Transparency of Agency Compensation Practices dated April 28, 2020 – Written – Lerch and Prinz reported

167 3. Secondary Treatment Plant Upgrade and Recycled Water Expansion Project Update – Cortez and Tom
168 Gorman from Kennedy Jenks gave a presentation.
169

170 **BOARD MEMBER REPORTS:**

- 171 1. CLARK
172 a. NBWA Board Committee – verbal report
173 b. NBWA Conference Committee– no report
174 c. Ad Hoc HR Committee re: 2019 GM Evaluation-no report
175 d. Ad Hoc HR Committee re: 2019 Employee Climate Survey – no report
176 e. Other Reports– no report
177
- 178 2. ELIAS
179 a. NBWRA– verbal report
180 b. Ad Hoc Engineering Committee— no report
181 c. Other Reports– no report
182
- 183 3. MURRAY
184 a. Marin LAFCO– verbal report
185 b. CASA Energy Committee– no report
186 c. Ad Hoc HR Committee re: GM Evaluation – no report
187 d. Other Reports– no report
188
- 189 4. SCHRIEBMAN
190 a. JPA Local Task Force– no report
191 b. NBWA Tech Advisory Committee– no report
192 c. Ad Hoc HR Committee re: 2019 Employee Climate Survey – no report
193 d. Other Reports- Marin Fire Committees – verbal report
- 194 5. YEZMAN
195 a. Gallinas Watershed Council/Miller Creek Watershed Council– verbal report
196 b. Flood Zone 7– no report
197 c. CSRMA– no report
198 d. Ad Hoc Engineering Committee– no report
199 e. Other Reports–NBWA – verbal report

200 **BOARD REQUESTS:**

- 201 A. Board Meeting Attendance Requests –Murray sent Lerch three Webinar requests which will be on the
202 next Board agenda.
203 B. Board Agenda Item Requests – LGVSD Donation policy.
204 C. Previous Board Requests - Board Conference registration assistance; Dissolution of Ad Hoc HR Sub
205 committees for 2019 GM Evaluation and 2019 Employee Climate Survey; Administrative Policy A-03,
206 Mobile Computer Devices Used for District Business; 2020 Employee Climate Survey.
207

208 **VARIOUS ARTICLES AND MISCELLANEOUS DISTRICT CORRESPONDENCE:**

209 Discussion ensued.
210

211 **ACTION:**

212 Board approved (M/S Murray/Clark 5-0-0-0) the adjournment of the meeting at 8:26 pm. in memory of Bill
213 Chiat.

214 Roll Call:

- 215 AYES: Clark, Elias, Schriebman and Yezman.
216 NOES: None.
217 ABSENT: Murray
218 ABSTAIN: None.
219

220 The next Board Meeting is scheduled for August 6 , 2020.
221
222

223 ATTEST:

224

225

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227 _____
Teresa Lerch, District Secretary

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231 APPROVED:

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236 _____
Judy Schriebman, Vice President

SEAL

Las Gallinas Valley Sanitation District
Warrant List 8/6/2020 DRAFT

Agenda Item 2B
Date August 6, 2020

	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for Items
1	8/6/2020	EFT1	ADP Payroll	107,779.52		107,779.52	7/17/2020 Paydate & Processing Charges
2	8/6/2020	ACH	A & P Moving	84.70		84.70	Records Retention (storage) for July
3	8/6/2020	N/A	ADT	25.00		25.00	Monthly Monitoring Service
4	8/6/2020	ACH	Amerine Systems	15,570.50		15,570.50	Center Pivot #2 Irrigation Replacement
5	8/6/2020	N/A	AT&T	3,300.24		3,300.24	Service Plans for July
6	8/6/2020	N/A	AT&T Teleconference Services	273.58		273.58	Conference Lines 1 & 2
7	8/6/2020	EFT2	Bank Of Marin	47,335.64		47,335.64	August Loan Payment - Recycled Water Loan
8	8/6/2020	N/A	Banner Bank	29,824.73		29,824.73	STPURWE - Retention for Myers & Sons, Progress payment #4 not paid for July 2019
9	8/6/2020	N/A	Bay Area Air Quality Management Dist.	391.00		391.00	Annual Permit Renewal
10	8/6/2020	ACH	Brown & Caldwell	4,048.45		4,048.45	STPURWE - Engineering Service
11	8/6/2020	ACH	Bucks Saw Service Inc.	513.85		513.85	Misc. Small Tools, Cost Estimates for Work on Equipment.
12	8/6/2020	ACH	CalPERS CERTBT-OPEB	11,630.00		11,630.00	Pre-fund GASB payment
13	8/6/2020	EFT	CalPERS Health	27,115.24		27,115.24	CalPERS Health- Active & Employer Retiree share
14	8/6/2020	ACH	Cardenas, Manuel	190.00		190.00	CWEA Grade 2 Application Fee
15	8/6/2020	N/A	CD & Power	11,701.82		11,701.82	Rental 4- 40 KW Generators for PSPS Events
16	8/6/2020	N/A	Cintas Corporation	125.06		125.06	Safewasher Service & Filter Change
17	8/6/2020	N/A	Clean Energy Fuels	810.00		810.00	CNG Fueling STA Pressure Regulator Adjustment and Testing
18	8/6/2020	N/A	Comet Building Maintenance	1,856.61		1,856.61	Janitorial Services & Supplies for July
19	8/6/2020	ACH	Custom Tractor Service	121,000.00		121,000.00	Pivot Irrigation, Spread & Disk Materials, Vegetation Removal, Relocate Culverts in Field #2
20	8/6/2020	ACH	Diego Truck Repair Inc.	1,834.10		1,834.10	Service on Collection Trucks
21	8/6/2020	EFT	Direct Dental	1,626.29		1,626.29	Staff Dental
22	8/6/2020	EFT	Discovery Benefits	50.00		50.00	FSA Administration
23	8/6/2020	N/A	G3 Engineering Inc.	13,765.78		13,765.78	Blue White M-4 Peristaltic Chemical Pump
24	8/6/2020	ACH	Gopher-It Trenchless Sewer	10,000.00		10,000.00	Sewer Lateral Replacement for Rhoades - 210 Corrillo Drive
25	8/6/2020	N/A	Jackson's Hardware Inc.	190.90		190.90	Misc. Supplies
26	8/6/2020	N/A	JDB Systems	7,622.10		7,622.10	On-Call Electrical & Instrumentation
27	8/6/2020	N/A	Kathy Wood & Associates	3,975.00		3,975.00	Real Estate Consulting Services for the purchase of 405 Vendola Dr.
28	8/6/2020	ACH	Kennedy/Jenks Consultants	119,239.00		119,239.00	STPURWE - Cost Management & Inspection Services
29	8/6/2020	N/A	Liebert Cassidy Whitmore	28.00		28.00	Legal Services

**Las Gallinas Valley Sanitation District
Warrant List 8/6/2020 DRAFT**

	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for items
30	8/6/2020	N/A	Marin County Tax Collector	9,231.00		9,231.00	LAFCO Charges for FY 2020/21
31	8/6/2020	N/A	Marin Fence Company	1,550.00		1,550.00	Intercom/Gate Entry keypad Installation
32	8/6/2020	ACH	Nute Engineering	4,350.00		4,350.00	STPURWE - Engineering & Inspection Services, (\$3,239.00) On-Call Support for Integrated Wastewater Master Plan
33	8/6/2020	N/A	Operating Engineers	900.00		900.00	Union Dues - 7/17 & 7/31
34	8/6/2020	ACH	Orion Protection Services Group	318.50		318.50	Night Security 300 Smith Ranch
35	8/6/2020	EFT	Pacific Crest Group	2,400.00		2,400.00	HR Management Services
36	8/6/2020	N/A	Pacific EcoRisk Inc.	3,860.00		3,860.00	NPDES Toxicity Testing
37	8/6/2020	N/A	Pacific Gas & Electric	2,514.91		2,514.91	Electricity Charges
38	8/6/2020	N/A	Pacific Gas & Electric	23.82		23.82	Solar
39	8/6/2020	EFT	Pacific Gas & Electric	337.77		337.77	STPURWE -Underground Existing Overhead Electrical Facilities
40	8/6/2020	ACH	Redwood Security System	398.00		398.00	Cell Unit Install, Facility Monitoring
41	8/6/2020	N/A	Regional Government Services	20,793.00		20,793.00	Financial Services, On-Call Consulting Services
42	8/6/2020	N/A	River Otter Ecology Project	1,000.00		1,000.00	Contest Sponsor - Board Approved on 7/16 Check sent
43	8/6/2020	N/A	Ross Valley Sanitary District	1,206.47		1,206.47	Public Outreach - COVID 19 TV Campaign
44	8/6/2020	N/A	Schneider Electric Solar Inverters USA	1,963.18		1,963.18	Troubleshoot Solar Inverters
45	8/6/2020	N/A	Stroue Petroleum	1,661.96		1,661.96	Pressure Test for Aboveground Gas Tank, Repairs and Parts
46	8/6/2020	EFT	Sun Life Financial	2,054.33		2,054.33	Life Insurance, Add Life and AD&D
47	8/6/2020	N/A	T&T Valve & Instrument	457.17		457.17	Bray S6A Status Monitor & Bracket Assembly
48	8/6/2020	N/A	Terminix	172.00		172.00	Pest Control Services
49	8/6/2020	N/A	TPx Communications	676.97		676.97	Phone Services
50	8/6/2020	N/A	United Site Services	436.54		436.54	Porta Potties
51	8/6/2020	EFT	Vision Service Plan	375.30		375.30	Vision Coverage for EE's
52	8/6/2020	N/A	Woodland Center Auto Supply	1,850.71		1,850.71	Misc. Supplies

Do not change any formulas below this line.

TOTAL

\$ 600,438.74 \$ - \$ 600,438.74

**Las Gallinas Valley Sanitation District
Warrant List 8/6/2020 DRAFT**

	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for items				
			EFT1 = Payroll (Amount Required)	107,779.52		107,779.52	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="border-bottom: 1px solid black;">Approval:</td></tr> <tr><td style="border-bottom: 1px solid black;">Finance</td></tr> <tr><td style="border-bottom: 1px solid black;">GM</td></tr> <tr><td>Board</td></tr> </table>	Approval:	Finance	GM	Board
Approval:											
Finance											
GM											
Board											
			EFT2 = Bank of Marin loan payments	47,335.64		47,335.64					
			PC Petty Cash Checking	0.00		0.00					
			>1 Checks (Operating Account)	0.00		0.00					
			N/A Checks - Not issued	122,187.55		122,187.55					
			EFT = Vendor initiated "pulls" from LGVSD	33,958.93		33,958.93					
			ACH = LGVSD initiated "push" to Vendor	289,177.10		289,177.10					
			Total	\$ 600,438.74		\$ 600,438.74					

Difference:

\$ _____



Item Number 20

Agenda Summary Report

To: Mike Prinz, General Manager *MP*
From: Michael P. Cortez, PE, District Engineer
Meeting Date: August 6, 2020
Re: Approve Contract Amendment 1 to ArcSine Engineering
Item Type: Consent X Discussion _____ Information _____ Other _____
Standard Contract: Yes X No _____ (See attached) Not Applicable _____

STAFF RECOMMENDATION

Board to approve Contract Amendment 1 to ArcSine Engineering.

BACKGROUND

In response to staff's request, ArcSine Engineering has submitted a proposal to complete design of Marin Lagoon Pump Station Improvements (Project) and provide assistance during bidding and construction.

Scope of work as follows:

- Incorporate additional District staff review comments and include bidding support;
- Revise specifications;
- Engineering services during bidding and construction;
- Programming and Configuration;
- And provide as-built documents and O&M Manuals.

	<u>Amount</u>
1. Original Design Contract	\$29,500
2. Amendment 1	\$55,400
Total:	\$84,900

District staff reviewed the proposal and deemed the scope of services and total fee estimate reasonable. Due to ArcSine's initial involvement on the project and successful execution of the initial scope of work, issuing a competitive request for proposals for the additional work was not justifiable.

PREVIOUS BOARD ACTION

Board approved Interim General Manager Authority to Award Contract to ArcSine Engineering for Services for the Marin Lagoon Pump Station Design on March 15, 2018.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

\$55,400



**SCOPE OF WORK
ENGINEERING SERVICES DURING CONSTRUCTION
AND PROGRAMMING/CONFIGURATION
LAS GALLINAS VALLEY SANITARY DISTRICT
MARIN LAGOON PUMP STATION NO. 1 IMPROVEMENTS**



ArcSine Project No. 1813

July 1, 2020

PROJECT DESCRIPTION

The Las Gallinas Valley Sanitary District (LGVSD, District) provides wastewater collection and treatment services to over 32,000 residents in the northern San Rafael area of Marin County, California. The collection system consists of 15 sewage pumping stations, many which were last upgraded in the early 1990's. As part of an ongoing modernization effort the District will be upgrading the power distribution and control systems at the Marin Lagoon Pump Station No. 1, for which ArcSine Engineering provided design engineering services to the District.

This Scope of Work describes the engineering services during construction and programming/configuration to be provided by ArcSine Engineering to LGVSD during construction of the Marin Lagoon Pump Station No. 1 improvements.

SCOPE OF SERVICES

Tasks 1.0-Project Management/Meetings, 2.0-Field Investigations, and 3.0-Design Engineering are covered in a separate design Scope of Work document.

The following tasks 4-7 are included in this Scope of Work:

4.0 BIDDING SUPPORT

- 4.1 Prebid Meeting: Attend a pre-bid meeting in Marin County to coordinate design elements with potential bidders. This Scope includes a 4-hour allowance for this task.
- 4.2 Project Addendum: Prepare one (1) project addendum, to modify project design resulting from questions/responses from the pre-bid meeting. This Scope includes a 6-hour allowance for this task, plus clerical.
- 4.3 Bidding Assistance: Prepare response(s) to Requests for Information (RFI's) generated by potential bidders to clarify design intent. Responses will be submitted to LGVSD for distribution. Review project bids; provide feedback to the District. This Scope includes a 6-hour allowance for this task, plus clerical.

Task 4 – Deliverables:

- *Project Addendum (as required)*
- *Responses to Bidders' RFI's*
- *Engineer's Opinion on Project Bids*

**SCOPE OF WORK - ENGINEERING SERVICES DURING CONSTRUCTION
AND PROGRAMMING/CONFIGURATION
MARIN LAGOON PUMP STATION NO. 1 – IMPROVEMENTS**

5.0 ENGINEERING SERVICES DURING CONSTRUCTION

- 5.1 Preconstruction Meeting: Attend one preconstruction/project kickoff meeting in Marin County to establish project points of contact, and ensure Contractor understanding of the Contract Documents. This Scope includes a 6-hour allowance for this task.
- 5.2 RFI's: Prepare written responses to RFI's to clarify design intent issues with the Contractor and submit to LGVSD for distribution. This Scope includes a 16-hour allowance for this task, plus clerical.
- 5.3 Submittal Reviews: Review the Contractor's submittals to confirm the materials, equipment, construction methods, and testing meet the design intent of the Contract Documents. Prepare submittal review comments. This Scope includes a 40-hour allowance for this task, plus clerical.
- 5.4 Change Orders: This Scope does not include preparation of a change order(s).
- 5.5 Field Visits/Inspection: Conduct one site visit to perform construction inspection to confirm that project construction is proceeding according to the intent of the Contract Documents. Submit inspection documentation and a Contractor's punch list to LGVSD following site visit. This Scope includes an 8-hour allowance for this task
- 5.6 Testing: Attend facility startup testing to prove the construction meets the operational and functional requirements of the design. Develop a Contractor's punch list based on field observations. This Scope includes an allowance to attend 1- day of startup testing.

Task 5 – Deliverables:

- ***Responses to Contractor's RFI's.***
- ***Submittal Review Comments.***
- ***Field Visit Punch List***
- ***Testing/Commissioning Punch List***

6.0 RECORD DOCUMENTATION/O&M MANUALS

- 6.1 Record Drawings: Receive from LGVSD Contractor's hand-marked drawings showing changes made to the base design during construction. Incorporate applicable hand marks into a final set of as built/record drawings to be submitted to LGVSD. The submitted drawings will be based wholly on information provided by the Contractor. This Scope does not include any effort to field verify, review, or provide significant edits to the information provided by the Contractor.
- 6.2 O&M Manual Review: Review O&M manuals compiled by the Contractor and provide review comments on errors or omissions. This Scope does not include any allowance for ArcSine to prepare original text for inclusion in the O&M manuals, except for that described above.

SCOPE OF WORK - ENGINEERING SERVICES DURING CONSTRUCTION
AND PROGRAMMING/CONFIGURATION
MARIN LAGOON PUMP STATION NO. 1 – IMPROVEMENTS

Task 6 – Deliverables:

- *Record Drawings.*
- *O&M Manual Submittal Review Comments*

7.0 PROGRAMMING AND CONFIGURATION

- 7.1 This Scope includes programming services to be provided by ArcSine Engineering to the District to program one A-B CompactLogix programmable logic controller (PLC) and one associated A-B Operator Interface Panel (OIP), as described herein.
- 7.2 This Scope generally provides the services as described in the Construction Documents as “By the District’s Programmer,” and is based on the following assumptions:
- No resources are included for purchasing products or software.
 - Hardware (PLC, OIP, etc.) will be furnished and installed by the Project Contractor. Furnishing and installing hardware is not included in this Scope.
 - This Scope assumes that City’s software licensing is current. No effort is anticipated to upgrade existing software licensing under this Scope.
- 7.3 PLC Programming: Develop Studio 5000-based PLC programming for one PLC to control two pumps utilizing a simple lead/lag, duplex pumping, level control methodology.
- 7.4 OIP Programming: Program the Operator Interface Panel (OIP) based on PLC programming. Develop OIP graphical screens to depict site equipment based on Project process and instrumentation diagram.
- 7.5 Unwitnessed Factory Testing (UFT): Following programming, conduct unwitnessed testing of the PLC/OIP systems, based on internally developed test procedures.
- Develop test procedures
 - Perform testing
 - Document, modify, retest as necessary.
- 7.6 Witnessed Factory Testing (Factory Demonstration Test, FDT): Following UFT, conduct witnessed testing of the programmed (PLC/OIP) systems at the Contractor’s facility, based on internally developed test procedures.
- Develop test procedures
 - Perform testing
 - Document, modify, retest as necessary.

District staff will be invited to attend witnessed testing.

**SCOPE OF WORK - ENGINEERING SERVICES DURING CONSTRUCTION
AND PROGRAMMING/CONFIGURATION
MARIN LAGOON PUMP STATION NO. 1 – IMPROVEMENTS**

- 7.7 Functional Acceptance Testing (FAT), Field: Prepare inserts to Contractor-developed test procedures for Functional Acceptance Testing of the PLC/OIP programming, based on witnessed testing. District representatives are anticipated to participate in Functional Acceptance Testing.
- 7.8 Training: Formal onsite training will be provided. The level of effort assumes FAT and training activities will be completed in one working day.
- 7.9 O&M Manual Programming Contributions: Following Functional Acceptance Testing, document the as-built condition of the PLC/OIP programming, to include the following:
- As-built control strategies
 - PLC/OIP program files
 - PLC I/O lists.
- This documentation will be assembled and submitted to the District for inclusion in the Project Operations and Maintenance (O&M) manuals.
- 7.10 Post Commissioning Support: This Scope include a 20-hour allowance to perform District requested, preferential changes, post-commissioning. Additional programming-related changes in excess of this allowance will be covered under ArcSine's On-Call programming contract

Task 7 – Deliverables:

- ***PLC Programming***
- ***OIP Programming***
- ***UFT and FDT Test Procedures***
- ***FAT Test Procedures***
- ***O&M Programming Contributions (submitted to District)***

WORK NOT INCLUDED

The following work items are available, but are not yet included in this Scope:

1. Modifications to existing radio/telemetry system.
2. Integration of this site into the District's SCADA system and/or SCADA system programming/integration.
3. Construction management.
4. Purchasing of hardware or software.
5. Engineering services in excess of allowances stated.

AGENDA ITEM 2D
DATE August 6, 2020



BOARD MEMBER MEETING ATTENDANCE REQUEST

Date: 7/16/20 Name: MURRAY, Craig K.

I would like to attend the Overcoming O&M Challenges Meeting of
CWEA-CASA

To be held on the 22th day of July from 11:00 a.m. /
p.m. to 22th day of July to 12:30 a.m. / p.m.

Location of meeting: _____

Actual meeting date(s): July 22, 2020

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

Purpose of Meeting: COVID 19 Updates, Review of Challenges to

Maintain Essential Services _____

Other meeting attendees: _____

Meeting relevance to District: _____

Frequency of Meeting:
1x

Estimated Costs of Travel (if applicable): _____

Date submitted to Board
Secretary: 7/16/20

Board approval obtained on Date: _____

Please submit to the District Administrative Assistant, no later than 2:00 p.m. on the Friday prior to the Board Meeting.

Events Calendar > CWEA > Webinar CWEA-CASA: Overcoming O&M Challenges to Maintain Essential Services



Presented by: CWEA

Webinar CWEA-CASA: Overcoming O&M Challenges to Maintain Essential Services

DATE/TIME

July 22
11:00 am - 12:30 pm

LOCATION

Webinar

Contact Hours: 1.8
All CWEA certifications

REGISTER

Member price: Free Non-member price: Free

Join the fourth CWEA-CASA webinar featuring six top utility executives from the San Francisco PUC, Regional San in Sacramento and the Orange County Sanitation District (OCSD). They will share their plans for dealing with unique O&M challenges while also preparing for new emergencies as the COVID-19 pandemic continues.

This is a **free webinar** for water and wastewater professionals organized by CWEA and the California Association of Sanitation Agencies (CASA).

During the pandemic, water and wastewater utilities are triggering their response plans for continuity of operations. A significant component during the pandemic is considering critical functions handled by essential personnel whose roles do not allow telework.

Critical services must continue and team leaders must plan for the continuity of operations in the face of potentially severe staff shortages and other management challenges.

Speakers



Introducer: **Wendy Wert**, PE, BCEE, Environmental Engineer, CWEA President, Los Angeles County Sanitation Districts

Wendy Wert, PE, BCEE is a Board-Certified Environmental Engineer with the Sanitation Districts. For the past 20 years she has been working on programs that rely on public participation to integrate water supply, water reuse with wastewater facilities planning. She received a B.S. in Environmental Engineering and an M.S. in Water Resources Engineering from the University of Central Florida (UCF). Her studies gave her opportunities to collaborate with others. It was during this time that Wendy developed an interest in

effectively communicating math and science to diverse groups. Today, she uses her position as an engineer to support outreach and education programs that explain how the work of the Sanitation Districts identifies community needs then applies engineering and scientific principles to meet them.



Moderator: **Greg Kester**, Director of Renewable Resource Programs, California Association of Sanitation Agencies

Greg serves as both the technical and programmatic contact for CASA members and conduit for emerging issues on state and federal level on all biosolids, renewable energy, recycled water, and related issues. Prior to joining CASA, Greg served as the state biosolids coordinator for the Wisconsin Department of Natural Resources. He represented all states in the nation, by their election, to USEPA on all biosolids issues. He served on the National Academy of Sciences Committee which evaluated federal biosolids regulations and produced the 2002 report: Biosolids Applied to Land: Advancing Standards and Practices. Greg holds a BS in Civil and Environmental Engineering from the University of Wisconsin – Madison and is a registered PE in Wisconsin.

Speaker Panelist: **Glenn Bielefelt**, O&M Manager, Regional San (Sacramento) – Agency lead on the pandemic

Speaker Panelist: **George Engel**, Operations Manager, SFPUC / Wastewater Enterprise

George Engel is the Operations Manager for the Wastewater Enterprise of the San Francisco Public Utilities Commission (SFPUC) with over 15 years of wastewater experience.

Speaker Panelist: **Chris McDaniels**, Collection System Managers, San Francisco PUC



Speaker Panelist: **Joel Prather**, Maintenance Manager – Treatment Facilities, San Francisco Public Utilities Commission – Wastewater Enterprise

Joel Prather is the Maintenance Manager for San Francisco's wastewater treatment facilities. Joel has worked with the San Francisco Public Utilities Commission for over nine years and has been in civil service for over 24 years. He holds degrees in Business Administration and Urban Studies.

Speaker Panelist: **Karri Ving**, San Francisco PUC – Agency lead

Speaker Panelist: **Rob Thompson**, Assistant General Manager and Director of Operations and Maintenance, OCSD – Agency leader and Incident Commander for our Emergency Operations Center



About the COVID-19 webinar series

This webcast is organized by CWEA's Education Team in partnership with the California Association of Sanitation Agencies (CASA).

During the webinar registration process, you will be able to enter your questions about O&M challenges. We will do our best to get through as many questions as possible.

Live webinar participants who participate in the full webinar through a personal computer, smartphone or tablet will receive 1.8 contact hours toward all CWEA technical certifications.

EVENT CONTACT INFORMATION

Contact: Member Services
 Phone: 510.382.7800 x0
 Email: memberservices@cwea.org
 More Info:
cwea.org
casaweb.org

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UPCOMING EVENTS

JULY 21
 Webinar

Lab-Analyst Certification Prep Webinar: Instrument Maintenance and Troubleshooting

Contact Hours: ESTIMATED 1.8

JULY 23

Webinar

CWEA Collection System Committee Open Forum and Summer Meeting

JULY 28

Webinar

Webinar: City of Paso Robles and LACSD Describe Advanced Nutrient Research Projects

Contact Hours: ESTIMATED 1.2

JULY 28

Webinar

Lab Analyst Certification Prep Webinar: Lab Calculations, Documentation and QA/QC

Contact Hours: ESTIMATED 2.4

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About Us

CWEA educates and certifies water quality professionals, disseminates technical information, and promotes sound environmental policies. CWEA is a proud member association of the Water Environment Federation and we are a nonprofit, tax-exempt, 501(c)3 organization.

Contact Us

510.382.7800

Fax: 510.382.7810

7577 Oakport Dr., Suite 500
Oakland, CA 94621

Web Directory

Quick Links

CWEA.org

Join CWEA

AGENDA ITEM 25
DATE August 6, 2020



BOARD MEMBER MEETING ATTENDANCE REQUEST

Date: 7/16/20 Name: MURRAY, Craig K.

I would like to attend the Building and Maintaining an Equity Mindset in Local Government Meeting of

ICMA

To be held on the 28th day of July from 9:00 a.m. / p.m.
to 28th day of July to 11:30 a.m. / p.m.

Location of meeting: _____

Actual meeting date(s): July 28, 2020

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

Purpose of Meeting: Local Government Equity Challenges

Other meeting attendees: _____

Meeting relevance to District: _____

Frequency of Meeting:
1x

Estimated Costs of Travel (if applicable): _____

Date submitted to Board
Secretary: 7/16/20

Board approval obtained on Date: _____

Please submit to the District Administrative Assistant, no later than 2:00 p.m. on the Friday prior to the Board Meeting.



Building and Maintaining an Equity Mindset in Local Government

Includes a Live Event on 07/28/2020 at 1:00 PM (EDT)

Already registered? Log in now. ([https://members.icma.org/eweb/DynamicPage.aspx?WebCode=Login&Site=icmares&URL_success=https://classroom.icma.org/products/building-and-maintaining-an-equity-mindset-in-local-government?ssoToken={token}\)](https://members.icma.org/eweb/DynamicPage.aspx?WebCode=Login&Site=icmares&URL_success=https://classroom.icma.org/products/building-and-maintaining-an-equity-mindset-in-local-government?ssoToken={token})))

Overview Speaker(s) Contents (3)

The time to address systemic inequality through deliberative equity programming in local government is now. Specifically, as events have shown, again and again, it is imperative to address racial inequity, in all facets of local government. As local governments sharpen their existing focus on social justice and racial equity or want to explore how to start, ICMA is hosting a 90-minute webinar on how to implement, manage, and maintain an equity-focused mindset in organizations. The webinar will feature equity professionals in the local government, focusing on the present and future of equity work with ideas on challenges, experiences, and tools for how to build equity programs.

Topics we will cover:

- What is a chief equity officer?
- Implementing an equity focus with a small budget and staff
- Benefits of having an equity mindset in local government
- Challenges equity ambassadors overcome
- Getting support/resources (buy-in) from leadership (governing body, CAO, department heads, etc.)
- Doing this work in big and small communities
- Identifying your top equity issues (where are the biggest challenges)
- Overcoming community challenges (leadership is interested, but the public isn't)



Home / Events

FREE WEBINAR: Building and Maintaining an Equity Mindset in Local Government

Jul 28, 2020 - Jul 28, 2020

01:00 pm - 02:30 pm ET

WEBINAR

Overview

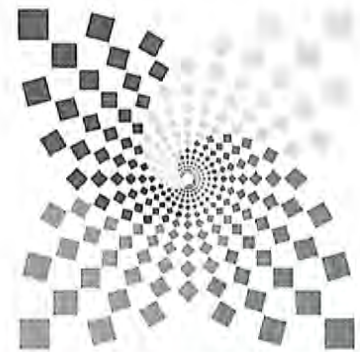
Equity and Inclusion/Social Justice: ICMA Community Conversations

The time to address systemic inequality through deliberative equity programming in local government is now. Specifically, as events have shown, again and again, it is imperative to address racial inequity, in all facets of local government. As local governments sharpen their existing focus on social justice and racial equity or want to explore how to start, ICMA is hosting a 90-minute webinar on how to implement, manage, and maintain an equity-focused mindset in organizations.

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- Benefits of having an equity mindset in local government
- Challenges equity ambassadors overcome
- Getting support/resources (buy-in) from leadership (governing body, CAO, department heads, etc.)
- Doing this work in big and small communities



Equity & Inclusion

- Identifying your top equity issues (where are the biggest challenges)
- Overcoming community challenges (leadership is interested, but the public isn't)

Presenters:

Jonathan Butler, Equity Manager, City of San Antonio, Texas

Anita Jones-McNair, Recreation, Parks and Cultural Resources Department Director – Race and Equity Officer, Town of Carrboro, North Carolina

You will receive a confirmation email once you register.

Preferred browsers for accessing the webinar: Chrome, Firefox or Edge.

This session will be recorded and made available at Local Gov Life Podcast.

ICMA has and will continue to keep members informed on the latest developments on this issue. For more information and resources, visit ICMA's Coronavirus Resources, Social Justice Resources, and Equity and Inclusion Resources.

Get more content on the topic of COVID-19 in your mailbox!

SUBSCRIBE VIA E-MAIL

Past Events On Demand

Event Details

When

Jul 28, 2020 - Jul 28, 2020

01:00 pm - 02:30 pm ET

Registration Deadline: 07/29/2020

Where

Webinar

Price

Member Price: \$0.00

Non-Member: \$0.00

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You can choose the correct one on your profile page (<https://classroom.icma.org/profile>) or close this notification to not see it again.

Registration Complete

Registered at 2020-07-16 17:03:07

Product	Registrant	Original price	Final price
Building and Maintaining an Equity Mindset in Local Government	Craig Murray	\$0	\$0
Total:		\$0	\$0

Buyer's information

First Name: Craig
Last Name: Murray
Email: craig_murray@ci.richmond.ca.us
Order ID: 3211073

Payment Information

Not Applicable

AGENDA ITEM 2F
DATE August 6, 2020



BOARD MEMBER MEETING ATTENDANCE REQUEST

Date: 7/16/20 Name: MURRAY, Craig K.

I would like to attend the Maximizing Performance Through Documentation,
Evaluation and Corrective Action Meeting of Liebert Cassidy
Whitmore

To be held on the 29th day of July from 1:00 a.m. / p.m.
to 29th day of July to 4:00 a.m. / p.m.

Location of meeting: _____

Actual meeting date(s): July 29, 2020

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

Purpose of Meeting: Performance Evaluation & Response

Other meeting attendees: _____

Meeting relevance to District: _____

Frequency of Meeting:
1x

Estimated Costs of Travel (if applicable): _____

Date submitted to Board
Secretary: 7/16/20

Board approval obtained on Date: _____

Please submit to the District Administrative Assistant, no later than 2:00 p.m. on the Friday prior to the Board Meeting.

Liebert Cassidy Whitmore Webinar:
**Maximizing Performance Through Documentation, Evaluation
and Corrective Action**

Thank you for registering to attend our "Maximizing Performance Through Documentation, Evaluation and Corrective Action" webinar that will be presented by [Jack Hughes](#).

This presentation will take place on **Monday, July 13, 2020** from **9:00 AM to 12:00 PM**.

Please note that one registration equals one connection to the webinar. Links cannot be shared.

Craig Murray

From: NoReply@munis.com
Sent: Thursday, July 16, 2020 1:25 PM
To: Craig Murray
Subject: Training Course Enrollment Notification

This is a notification that you have been enrolled in the following course:

CODE: LEADERSHIP ACADEMY -
DESCRIPTION: LA* MAXIMIZING PERFORMANCE THROUGH EVALS, DOCS, CO
LOCATION: WEB - ONLINE COURSE
INSTRUCTOR: UNKNOWN
DATES: 07/29/2020 TO 07/29/2020
TIME: 1:00 PM
LENGTH: 3 HOURS

This is a system generated message, do not respond to this email.



JACK HUGHES PARTNER

Jack Hughes joined Liebert Cassidy Whitmore as an associate attorney in 1996. Since then he has worked in all aspects of the firm's labor and employment law practice.

Jack has been involved in public-sector employment law trial and appellate court litigation on behalf of a number of cities, with several published decisions to his credit including *Robison v. City of Manteca* 78 Cal.App.4th 452, 92 Cal.Rptr.2d 748, *City of Palo Alto v. Service Employees International Union* 77 Cal.App.4th 327, 91 Cal.Rptr.2d 500, and *Smith v. City of Napa* 120 Cal.App.4th 194, 14 Cal.Rptr.3d 908. Jack has also participated in numerous arbitrations, civil service commission hearings, law-and-motion court hearing, proceedings before Administrative Law Judges, mediations, fact-findings and other administrative hearings regarding MOU interpretation grievances, employee disciplinary appeals, labor negotiation impasses, contested CalPERS disability retirements, unfair bargaining practices charges and other contested administrative matters.

Jack has served as labor negotiator for city, county and special district clients, and has represented charter cities in labor negotiation impasse interest arbitration proceedings. He has successfully negotiated Memoranda of Understanding involving police officers, sheriff deputies, correctional officers, probation officers, firefighters, rangers, public safety management staff, dispatcher, evidence technicians, attorneys (civil and criminal), management and supervisory staff, public health nurses, clerical employees and other white-collar professions, department heads,

maintenance employees and other blue-collar professions, childcare workers, in-home support service employees and most other public sector classifications utilized by agencies subject to the MMBA. Jack also serves as a behind-the-scenes advisor for agencies conducting in-house negotiations regarding bargaining strategy, compliance with the MMBA good-faith bargaining requirement, closed session preparations, best-practices updates to existing MOU language, utilization of compensation study data, interpretation and application of cost-of-living data, medical insurance options, negotiation ground rules compliance with union information requests and impasse procedures.

Jack is also one of the experienced presenters in the firm's renowned management and supervisory training programs. Jack has conducted hundreds of training seminars for municipal, county, special district and Federal agencies. Jack specializes in training on protected status discrimination/harassment/retaliation, supervisor skills, labor relations/negotiations, leave laws, disability laws, workplace violence, free speech, disciplinary procedures, grievance procedures and effective performance evaluations among others.

Jack actively participates in the Firm's advice and counsel practice. He advises clients on a wide range of issues including but not limited to leave laws, employee attendance (or lack thereof), disability accommodation issues, disability and service retirements, disciplinary investigations and prosecutions, MOU interpretation issues and grievances, recent employment law legislation and court rulings, union security issues, protected status harassment, discrimination and retaliation matters, abusive conduct in the workplace, disputed performance evaluations and merit pay assessments, wage and hour law issues, Public Records Act requests, hiring and promotional process disputes, settlement of disputes including separation of both for-cause and at-will employees, freedom of speech issues arising both at and related to public service employment, preparation and amendment of at-will employment contracts, updates to

personnel rules, policies, procedures and labor relations rules (Employer-Employee Relations Rules under the MMBA), both best-practices and legal compliance audits of current MOUs and updates to job descriptions.

Jack is a problem solver and enjoys working with clients to find solutions – both well-proven and creative – to enable clients to comply with applicable law and keep the client's focus on public service.

NEGOTIATIONS

County of Napa - SEIU general and supervisory units.

County of Butte – Public Employees Association, Mid- Managers, COA, DSA, POA, PEA, UPEC, United Domestic Workers.

County of El Dorado – Public Employees Association, Operating Engineers, DSA, Law Enforcement Managers' Association, Deputy County Counsel Association, Criminal Attorney Association, Mid-Managers, Probation Officers Association, IHSS.

County of Tulare - All County safety and non-safety units.

County of Plumas - Operating Engineers, DSA, Probation Association, Management Unit.

County of Humboldt - IHSS, DSA, AFSCME, Management Staff, Criminal Attorneys, and Department Heads.

Arcata Fire Protection District - IAFF.

Humboldt Bay Fire - IAFF.

Sacramento Metropolitan Fire Protection District - IAFF

Valley of the Moon Fire Protection District - IAFF.

Coastside Fire Protection District - IAFF.

Scotts Valley Fire Protection District - IAFF.

Central Fire Protection District of Santa Cruz County - IAFF,
Administrative Group, Mid-Management Group, Miscellaneous.

Southern Marin Fire Protection District - IAFF.

Marinwood Community Services District -IAFF.

Housing Authority of Alameda County - SEIU.

Mid-Peninsula Regional Open Space District – Field Employees
Association.

Housing Authority of Marin County – SEIU.

Humboldt Transportation Authority – AFSCME, Transit Workers and
Mechanics.

El Dorado Irrigation District – Water and Wastewater Employees,
Engineers.

North Tahoe Public Utilities District – Local 39 blue-collar and white-
collar staff.

Tuolumne Utilities District - Non-safety employees association.

City of South Lake Tahoe - All City safety and non-safety units.

City of San Rafael – IAFF, Police Association.

City of Richmond - SEIU, Police, Fire, Safety and Non-Safety
Management Units.



Item Number 26

Agenda Summary Report

To: Mike Prinz, General Manager *MP*
From: Michael P. Cortez, PE, District Engineer
Meeting Date: August 6, 2020
Re: Application of Allocation of Capacity for APN 175-250-14, 496 Las Gallinas Ave Northgate III Shopping Center
Item Type: Consent Discussion Information Other
Standard Contract: Yes No (See attached) Not Applicable

STAFF RECOMMENDATION

Board to approve the issuance of a Will Serve Letter to 496 Las Gallinas Ave in the Northgate III Shopping Center.

BACKGROUND

The project consists of converting the existing Toscalito Tire & Automotive shop in the Northgate III Shopping Center to a retail space with restaurant and installing a new sewer lateral with a grease interceptor. The Central Marin Sanitation Agency (CMSA) has reviewed and approved the grease interceptor for industrial pre-treatment compliance requirements. District staff has reviewed the plans and based on the information provided, a Will Serve Letter has been drafted and a connection fee of \$31,100 has been assessed for the addition of 100 plumbing fixture units (PFUs).

Potential Access Issues to Impacted Sewer Facilities: None, only sewer lateral work is proposed.

Additional Flow Contribution: (The District Ordinance refers one Equivalent Dwelling Unit (EDU) as a Single-Family Dwelling Unit that includes up to 20 PFUs. Assuming 200 gallons per day (gpd) per EDU, the flow contribution per PFU is approximately 10 gpd.)

The estimated additional flow from the proposed project is approximately 1,000 gpd. It should have minimal impact to downstream sewer facilities. Staff is tracking additional flows from proposed residential and commercial developments and will be evaluating the combined effects as part of the master planning currently in progress with Kennedy Jenks.

PREVIOUS BOARD ACTION

N/A

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

Connection fee revenue of \$31,100.



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

DISTRICT ADMINISTRATION
 Mike Prinz,
 General Manager
 Michael Cortez,
 District Engineer
 Mel Liebmann,
 Plant Manager
 Vacant,
 Administrative Services Manager
 Greg Pease,
 Collection System/Safety Manager

Date: August 6, 2020
 Property Owner: MGP XI NORTHGATE SC3 LLC
 Property Owner Address: 425 California Street #10
 San Francisco, CA 94104
 Applicant: Merlone Geier Partners
 Project Name: Northgate III Shopping Center - 496 Las Gallinas Ave
 Project Address: 496 Las Gallinas Ave
 San Rafael, CA 94903
 Project APN: APN 175-250-14

Re: Will-Serve Letter

You have requested a **Will-Serve Letter** from the Las Gallinas Valley Sanitary District (“LGVSD”) at the August 6, 2020 Board Meeting.

Subject to the terms and conditions in this letter, LGVSD will serve the project with additional 100 Plumbing Fixture Units (PFU). This letter may be used to submit to another local agency to satisfy a condition for either tentative subdivision map approval or any other permit approval.

The standard terms and conditions of approval are as follows:

Initial	Item	Condition of Approval
	1	You pay for the facility capacity fee (new connection fee) in accordance with LGVSD ordinances and policies. Please note payment date obligation and amount obligation.
	2	You agree to abide by all conditions of approval of the Board of Directors.
	3	This Will Serve approval terminates three (3) years from the Board meeting date unless all building permits have been issued for the project.
	4	After the lateral inspection is completed and the connection verified, the property will be added to the sewer user charge and will receive a charge for this service.
	5	Prior to the connection of any sewer lateral, you must contact the District for the appropriate lateral inspection permit. A lateral tie in inspection is required before any lateral can be backfilled.
	6	Applicant shall reimburse the District for all plan review, field verification before and after construction, and inspection fees accrued associated with this project.

A complete summary of the project specific conditions of approval is included in the Board Meeting minutes.

The Connection Fee approved by the Board is as follows:

Connection Fee for 100 PFU at \$311/PFU:	\$ 31,100.00
Application Fee:	\$ 500.00 (paid)
Engineering Review and Inspection Fees:	\$ 0.00
Total Outstanding Fee:	\$ 31,100.00

The proposed PFU shall be subjected to field verification upon project completion. The connection fee may be adjusted for actual number of additional plumbing fixture units.

The District ordinance provides for payment of the Connection Fee over a two-year period according to the following:

1. 10% of the Connection Fee is due within thirty days of Board approval of final plans and specifications;
2. 40% of the Connection Fee is due within one year, August 6, 2021; or upon the date of building permit issuance, whichever occurs first;
3. 50% of the Connection Fee is due within two years, August 6, 2022; or upon the date of building permit issuance, whichever occurs first;

Please remit **\$31,100** and make the check payable to Las Gallinas Valley Sanitary District. Please note if payment schedule as above is not followed, you risk losing your allocation.

By issuing this **Will-Serve Letter**, LGVSD is not incurring any liability of any nature, including but not limited to mandate, damages or injunctive relief. LGVSD is making no representation to the applicant nor waiving any rights it has under any applicable State or Federal law. In the event there is any court imposed moratorium on LGVSD, a connection to the District system may not occur. In the event any government agency imposes a moratorium on LGVSD, a connection to the District system may not occur. In the event there is not sufficient capacity, a connection to the District system may not occur.

If connection has not been made within three years, the allocation will be terminated without prejudice. Upon request, you will receive a refund of 90% of the above fees and you will be able to re-apply for an allocation at the fee rate then prevailing. Please sign and date the original of this letter and return it to the District office within 10 days. The copy is for your records.

Sincerely,

Mike Prinz, General Manager

AGREED:

_____ Date: _____
Project Applicant

Cc: Michael P. Cortez, District Engineer



Agenda Summary Report

To: Mike Prinz, General Manager *MP*
From: Michael P. Cortez, PE, District Engineer
Meeting Date: August 6, 2020
Re: Application of Allocation of Capacity for APN 165-102-25
 1927 Las Gallinas Ave Accessory Dwelling Unit
Item Type: Consent Discussion Information Other
Standard Contract: Yes No (See attached) Not Applicable

STAFF RECOMMENDATION

Board to approve the issuance of a Will Serve Letter for the Accessory Dwelling Unit (ADU) located at 1927 Las Gallinas Ave.

BACKGROUND

The property owner of 1927 Las Gallinas Ave is seeking approval for an Accessory Dwelling Unit constructed approximately 23 years ago in the back of an existing single-family residence. The 311 square-foot ADU includes 10 plumbing fixture units (PFUs). The square footage of the unit is less than the maximum ADU size of 750 square feet threshold for impact fee collection. The owner has also proposed to add two (2) new plumbing fixture units to the existing primary residence. No sewer lateral work is proposed. District Staff has reviewed the plans and based on the information provided, a Will Serve Letter has been drafted.

Potential Access Issues to Impacted Sewer Facilities: None.

Additional Flow Contribution: (The District Ordinance refers one Equivalent Dwelling Unit (EDU) as a Single-Family Dwelling Unit that includes up to 20 PFUs. Assuming 200 gallons per day (gpd) per EDU, the flow contribution per PFU is approximately 10 gpd.)

The estimated additional flow from the proposed project is approximately 120 gpd. It should have negligible impact to downstream sewer facilities. Staff is tracking additional flows from proposed residential and commercial developments and will be evaluating the combined effects as part of the master planning currently in progress with Kennedy Jenks.

PREVIOUS BOARD ACTION

N/A

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

Connection fee revenue of \$622.



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

DISTRICT ADMINISTRATION
 Mike Prinz,
 General Manager
 Michael Cortez,
 District Engineer
 Mel Liebmann,
 Plant Manager
 Vacant,
 Administrative Services Manager
 Greg Pease,
 Collection System/Safety Manager

Date: August 6, 2020
 Property Owner: William Jason Ceglaz
 Property Owner Address: 1927 Las Gallinas Ave
 San Rafael, CA 94903
 Applicant: William Jason Ceglaz
 Project Name: 1927 Las Gallinas Ave (Accessory Dwelling Unit)
 Project Address: 1927 Las Gallinas Ave
 San Rafael, CA 94903
 Project APN: APN 165-102-25

Re: Will-Serve Letter

You have requested a **Will-Serve Letter** from the Las Gallinas Valley Sanitary District (“LGVSD”) at the August 6, 2020 Board Meeting.

Subject to the terms and conditions in this letter, LGVSD will serve the project consisting of an existing Accessory Dwelling Unit (ADU) as part of the existing single-family residence located on the same parcel. Also included is the addition of two (2) new Plumbing Fixture Units (PFU) for the existing primary residence. This letter may be used to submit to another local agency to satisfy a condition for either tentative subdivision map approval or any other permit approval.

The standard terms and conditions of approval are as follows:

Initial	Item	Condition of Approval
	1	You pay for the facility capacity fee (new connection fee) in accordance with LGVSD ordinances and policies. Please note payment date obligation and amount obligation.
	2	You agree to abide by all conditions of approval of the Board of Directors.
	3	This Will Serve approval terminates three (3) years from the Board meeting date unless all building permits have been issued for the project.
	4	After the lateral inspection is completed and the connection verified, the property will be added to the sewer user charge and will receive a charge for this service.
	5	Prior to the connection of any sewer lateral, you must contact the District for the appropriate lateral inspection permit. A lateral tie in inspection is required before any lateral can be backfilled.
	6	Applicant shall reimburse the District for all plan review, field verification before and after construction, and inspection fees accrued associated with this project.

A complete summary of the project specific conditions of approval is included in the Board Meeting minutes.

The Connection Fee approved by the Board is as follows:

Capital Facilities Charge for One (1) ADU:	\$	0.00
Connection Fee for 2 PFU at \$311/PFU:	\$	622.00
Application Fee:	\$	250.00
Engineering Review and Inspection Fees:	\$	0.00
Total Fee:	\$	872.00

The proposed PFU shall be subjected to field verification upon project completion. The connection fee may be adjusted for actual number of additional plumbing fixture units.

The District ordinance provides for payment of the Connection Fee over a two-year period according to the following:

1. 10% of the Connection Fee is due within thirty days of Board approval of final plans and specifications;
2. 40% of the Connection Fee is due within one year, August 6, 2021; or upon the date of building permit issuance, whichever occurs first;
3. 50% of the Connection Fee is due within two years, August 6, 2022; or upon the date of building permit issuance, whichever occurs first;

Please remit \$872 and make the check payable to Las Gallinas Valley Sanitary District. Please note if payment schedule as above is not followed, you risk losing your allocation.

By issuing this **Will-Serve Letter**, LGVSD is not incurring any liability of any nature, including but not limited to mandate, damages or injunctive relief. LGVSD is making no representation to the applicant nor waiving any rights it has under any applicable State or Federal law. In the event there is any court imposed moratorium on LGVSD, a connection to the District system may not occur. In the event any government agency imposes a moratorium on LGVSD, a connection to the District system may not occur. In the event there is not sufficient capacity, a connection to the District system may not occur.

If connection has not been made within three years, the allocation will be terminated without prejudice. Upon request, you will receive a refund of 90% of the above fees and you will be able to re-apply for an allocation at the fee rate then prevailing. Please sign and date the original of this letter and return it to the District office within 10 days. The copy is for your records.

Sincerely,

Mike Prinz, General Manager

AGREED:

Project Applicant

Date: _____

Cc: Michael P. Cortez, District Engineer



Item Number 21

Agenda Summary Report

To: Mike Prinz, General Manager *MAP*
From: Michael P. Cortez, PE, District Engineer
Meeting Date: August 6, 2020
Re: Designation of the Secondary Treatment Process Upgrade and Recycled Water Expansion Project as an Essential Governmental Function per Marin County Public Health Order
Item Type: Consent Discussion Information Other
Standard Contract: Yes No (See attached) Not Applicable

STAFF RECOMMENDATION

Board to approve continued Designation of the Secondary Treatment Process Upgrade and Recycled Water Expansion Project as an Essential Governmental Function per Marin County Public Health Order.

BACKGROUND

The shelter-in-place order issued by Marin County Health Officer in effect as of the writing of this report allows recurring designation of projects previously designated by the lead agency as Essential Governmental Functions.

PREVIOUS BOARD ACTION

The Board approved Resolution 2020-2184 on April 16, 2020 designating the Secondary Treatment Process Upgrade and Recycled Water Expansion (STPURWE) Project as an Essential Governmental Function as defined in the Order of the Marin County Health Officer dated March 31, 2020, section 13.f.v.4.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

N/A

Agenda Item 2J
Date August 6, 2020



ORDER REGARDING PUBLICATION

The Board of Directors finds that Ordinance 183, unanimously passed by the Board, was published in the Marin Independent Journal on July 9, 2020 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 offices

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

Executed on this 6th day of August 2020, at San Rafael, Marin County, California.

Rabi Elias
Board President

Marin Independent Journal

4000 Civic Center Drive, Suite 301
San Rafael, CA 94903
415-382-7335
legals@marinij.com
2074259

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

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

**STATE OF CALIFORNIA
County of Marin**

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

07/09/2020

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

Dated this 9th day of July, 2020.

Donna Lazarus

Signature

PROOF OF PUBLICATION

Legal No. **0006500751**

**BOARD OF DIRECTORS OF THE
LAS GALLINAS VALLEY SANITARY DISTRICT**

**ORDINANCE 183
AN ORDINANCE AMENDING SECTION 907, ART.
IX, PERMITS AND FEES, OF TITLE 2, CHAPTER 1,
SANITARY CODE OF THE
LAS GALLINAS VALLEY SANITARY DISTRICT**

The Board of Directors of the Las Gallinas Valley Sanitary District, Marin County, California, does ordain as follows:

Section 1. Title 2, Chapter 1, Section 907, of the Ordinance Code of the Las Gallinas Valley Sanitary District, is amended to read as follows:

ARTICLE IX, PERMITS AND FEES

Section 907. Capital Facilities Charge.

A) Applicants desiring connection to the wastewater facilities of the District shall pay a capital facilities charge per Equivalent Sewer Unit ("E.S.U.") to the District prior to connection as shown in the Miscellaneous Fee Schedule published annually by the District.

5) Additions or alterations of existing structures (other than high-flow or high-strength) shall be charged a sewer connection fee (sometimes referred to as Capital Facilities Charge) and be subject to additional conditions of connection in accordance with the following:

(a) No Connection fee shall be charged where the addition or alteration will not cause the existing structure to exceed twenty (20) Plumbing Fixture Units (PFUs). In the event the addition or alteration causes the existing structure to exceed twenty (20) Plumbing Fixture Units (PFUs), a Connection fee charge per Plumbing Fixture Unit (PFU) added shall be charged as shown in the Miscellaneous Fee Schedule published annually by the District.

D) Adjustment. To maintain parity of the Capital Facilities Charge in current-dollar values, the charge will be reviewed annually. Any adjustments, if necessary, shall be based on the Engineering News Record (ENR) San Francisco City Index for the month of July of the prior year. The Capital Facilities Charge will be shown in the Miscellaneous Fee Schedule published annually by the District.

Section 2. Upon adoption of this Ordinance, it shall be entered in full in the minutes of the Board of Directors, shall be posted on the District's front gate bulletin board, the District's website, shall be published once in the Marin Independent Journal, and shall take effect immediately upon the expiration of thirty (30) days of said publication and posting.

Section 3. All other ordinances and parts of ordinances inconsistent herewith are hereby repealed.

I hereby certify that the foregoing is a full, true and correct copy of the Ordinance duly and regularly passed and adopted by the Board of Directors of the Las Gallinas Valley Sanitary District of Marin County, California, at a meeting hereof held on July 2, 2020, by the following vote of members thereof:

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

/s/Teresa Lerch, District Secretary
Las Gallinas Valley Sanitary District

APPROVED:
/s/Rabi Elias, Board President

NO. 733 JULY 9, 2020

BOARD OF DIRECTORS OF THE
LAS GALLINAS VALLEY SANITARY DISTRICT

ORDINANCE 184

AN ORDINANCE OF AMENDING TITLE 1, CHAPTER 2 OF THE
ORDINANCE CODE OF THE LAS GALLINAS VALLEY SANITARY DISTRICT
TIME AND PLACE FOR REGULAR MEETINGS

The Board of Directors of the Las Gallinas Valley Sanitary District, Marin County, California, does ordain as follows:

ARTICLE I.

The contents of Title 1, Chapter 2, Time and Place for Regular Meetings, Article I, Meetings, Section 101 and 102, Regular Meetings and Special Meetings, respectively, are amended to read as follows:

“ARTICLE I. MEETINGS

Section 101. Regular Meetings. The Regular Meetings of the Las Gallinas Valley Sanitary District shall be held on the first and third Thursdays of each and every calendar month starting at 3:30 pm.

(a) Closed Sessions of Regular Meetings of the Board of Directors shall be held on the same date as a scheduled Regular Meeting. A Closed Session may be scheduled at any time during the Regular Meeting.

(b) By at least a 3/5ths majority vote, the Board may approve a change of the date and/or time of a Regular Meeting. If less than all five members of the Board of Directors are present to vote on the proposed change of the Regular Meeting date and/or time, then the vote approving the change must be by at least three (3) members of the Board. A notice of the change of the date and/or time of the Regular Meeting shall be posted at least two (2) weeks prior to the changed Regular Meeting in a location that is

freely accessible to members of the public and in the same manner as for the publishing of the Agenda for a Regular Meeting.

Section 102. Special Meetings. Special meetings of the Board of Directors shall be held upon the call of the President of said Board, or of a majority of the members thereof, by delivering personally or by mail written notice to each member and to each local newspaper of general circulation, radio or television station requesting notice in writing. Such notice must be given not less than twenty-four (24) hours before the time fixed for the proposed meeting and shall specify the time and place of the special meeting and the business to be transacted. The notice required hereunder may be dispensed with as to any member who, prior to the time the meeting convenes, filed with the Secretary a written waiver of notice which said waiver may be given by fax and/or email. The attendance at such meeting by any member at the time it convenes shall constitute a waiver of the provisions herein for notice to the member.

(a) Closed Sessions of Special Meetings of the Board of Directors shall be held on the same date as a scheduled Special Meeting. A Closed Session may be scheduled at any time during the Special Meeting.

ARTICLE 2. ADOPTION AND NOTIFICATION

This Ordinance shall take effect and be in force either seven (7) days from the date of its passage and publication or as of August 14, 2020, whichever is later. The Ordinance or a summary of it shall be published once, with the names of the members of the Board of Directors of the Las Gallinas Valley Sanitary District of Marin County, California, voting for and against the same in the Marin Independent Journal, a newspaper of general circulation published in the County of Marin. A certified copy of the full text of the proposed regulation or ordinance or proposed amendment to same shall be posted in the office of the clerk of the board, along with the names of those board members voting for and against the ordinance.

I hereby certify that the foregoing is a full, true and correct copy of the Ordinance duly and regularly passed and adopted by the Board of Directors of the Las Gallinas Valley Sanitary District of Marin County, California, at a meeting hereof held on August 6, 2020 by the following vote of members thereof:

AYES:
NOES:
ABSENT:
ABSTAIN:

Teresa Lerch, District Secretary
Las Gallinas Valley Sanitary District

APPROVED:

Rabi Elias, Board President

(seal)



Agenda Summary Report

To: LGVSD Board of Directors
 From: Mike Prinz, General Manager *MP*
 Meeting Date: August 6, 2020
 Re: Board Meeting Duration
 Item Type: Consent Discussion Information Other
 Standard Contract: Yes No (See attached) Not Applicable

STAFF RECOMMENDATION

Board to discuss regular Board meeting duration and additional avenues to increase meeting efficiency.

BACKGROUND

Regular Board meetings routinely last 2 to 2.5 hours, depending on the quantity and nature of agenda items. Closed sessions are often scheduled to occur immediately prior to regular meetings, which typically augments effective meeting durations. Further, the pandemic driven virtual environment that meetings are now held in triggers several abnormal meeting attributes that impact meeting efficiency.

Scheduling closed session discussions differently, confirming normal (as well as virtual) Board Member meeting roles, and eventually migrating back to in-person meetings may reduce overall meeting durations.

Additional ways of limiting meeting durations include, but are not limited to:

1. Designing Board meeting agendas such that non-time sensitive items are placed in the latter half of any given meeting agenda and continuing such items to a subsequent meeting if the current meeting is running long.
2. Requesting that questions regarding presentations be held until after the presentations have been delivered.
3. Obtaining additional virtual meeting training as applicable.
4. Deferring pulled consent items to a future meeting if significant deliberation regarding a pulled item develops.

PREVIOUS BOARD ACTION

During the Board meeting of 07/16/2020, the Board directed staff to propose ordinance language adjusting the regular meeting start time from 4:30 to 3:30 and to consider holding special meetings to address longer or grouped closed session items.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

None anticipated.



Agenda Summary Report

To: Mike Prinz, General Manager *MP*
 From: Teri Lerch, Board Secretary *TL*
 Mtg. Date: August 6, 2020
 Re: Current and Future Board Ad Hoc Subcommittees
 Item Type: Consent _____ Discussion X Information _____ Other _____
 Standard Contract: Yes _____ No _____ (See attached) Not Applicable X _____

STAFF RECOMMENDATION

Board to dissolve the 2019 Employee Climate Survey ad hoc subcommittee and the 2019 GM Evaluation ad hoc subcommittee. Board to discuss creation of a 2020 GM Evaluation ad hoc subcommittee.

BACKGROUND

In 2019, two Board ad hoc Subcommittees were formed – the 2019 GM Evaluation committee consisting of Megan Clark and Craig Murray and the 2019 Employee Climate Survey committee consisting of Megan Clark and Judy Schriebman. The Board has recently commented that the purposes of these subcommittees have been fulfilled.

PREVIOUS BOARD ACTION

On September 28, 2017, an Ad Hoc subcommittee regarding the 2017 Employee Climate Survey was formed consisting of Megan Clark and Craig Murray. This was dissolved on June 10, 2019.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

Special meeting compensation as needed.

8/6/2020

General Manager Report

- Separate Item to be distributed at Board Meeting
- Separate Item to be distributed prior to Board Meeting
- Verbal Report – Topics include:
 - PSPS Status
 - ASM Recruitment Update
- Presentation



Item Number GA2

Agenda Summary Report

To: Mike Prinz, General Manager
 From: Teri Lerch, Board Secretary *TL*
 Mtg. Date: August 6, 2020
 Re: Marin County Civil Grand Jury Report – “*Finally – Comprehensive List of Marin’s Public Agencies Report*”
 Item Type: Consent _____ Discussion _____ Information X Other _____
 Standard Contract: Yes _____ No _____ (See attached) Not Applicable X _____

STAFF RECOMMENDATION:

None. Information only.

BACKGROUND:

The development of a comprehensive list of public agencies was recommended by three previous Marin County Civil Grand Jury reports.

The Marin County Civil Grand Jury has requested the County of Marin Department of Finance and the County Clerk adopt the newly developed public agency list contained in the attached Grand Jury report and requested the County to annually maintain and update that list.

PREVIOUS BOARD ACTION:

N/A

ENVIRONMENTAL REVIEW:

N/A

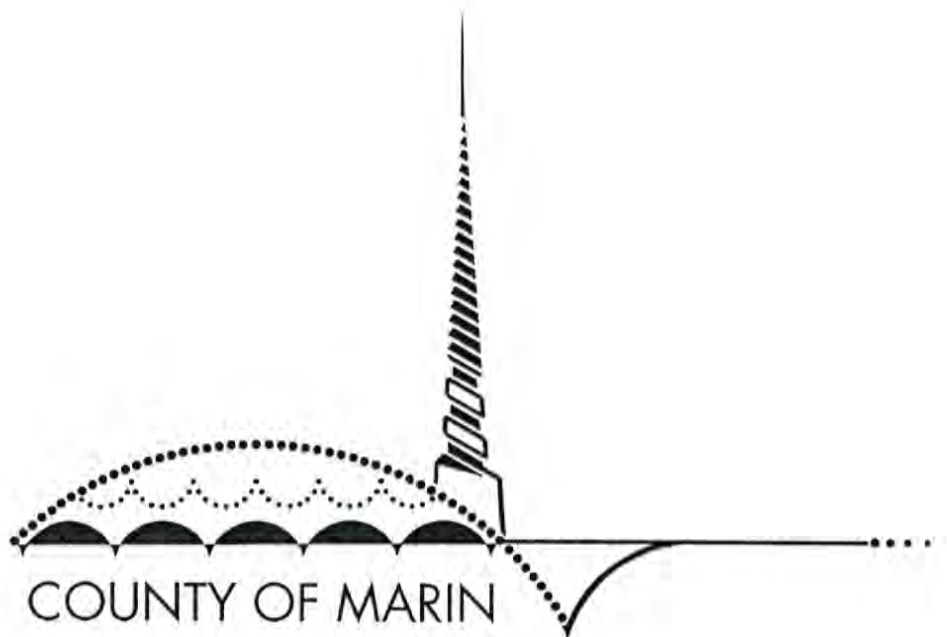
FISCAL IMPACT:

None.

2019–2020 MARIN COUNTY CIVIL GRAND JURY

Finally—A Comprehensive List of Marin’s Public Agencies

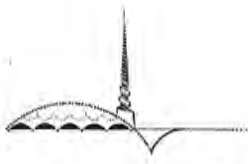
June 30, 2020



A Note about the Coronavirus Pandemic

The 2019–2020 Marin County Civil Grand Jury is issuing its reports during the unprecedented conditions of the COVID-19 pandemic. We are well aware that Marin County is in crisis and that critical public health concerns, operational difficulties, and financial challenges throughout the county have a greater claim to government attention right now than the important issues raised by this Grand Jury.

We are confident that, in due course, Marin will come through this crisis as strong as ever.



Finally—A Comprehensive List of Marin's Public Agencies

Summary

Marin County has an astonishing 152 local government agencies, including towns, cities, school districts, and a host of special districts such as community service agencies, joint powers authorities, and agencies providing fire, sanitary, water, recreation, lighting, and other public services. It is hard for taxpayers to track all of them. That is why several Marin County civil grand juries have recommended the development of a comprehensive list of all of these agencies. Several incomplete lists exist, but grand jury recommendations for a single comprehensive list have never been fully implemented. Consequently, the 2019–2020 Marin County Civil Grand Jury has developed such a list together with a proposed method for maintaining it. In this report, the Grand Jury recommends that this list be maintained by the Marin County Board of Supervisors or the Marin County Clerk. Public access to this information is important to enable taxpayers to understand and track the agencies they fund.

Background

Prior Marin civil grand juries have made repeated recommendations to the Marin County Board of Supervisors that it publish and maintain a comprehensive list of all of Marin's public agencies. This has never been fully implemented. In discussions with public officials, the 2019–2020 Grand Jury found there is uncertainty about the exact number of public agencies in Marin, which makes it difficult for the public to know the purpose of all of these agencies and whether they are all necessary.

The development of a comprehensive list of agencies was recommended by previous Marin civil grand juries in the following reports:

- 2013–2014: *What Are Specials Districts and Why Do They Matter*, May 20, 2014¹
- 2015–2016: *Web Transparency Report Card: Bringing Marin County's Local Governments to Light*, March 10, 2016²
- 2018–2019: *Special Districts Transparency Update*, June 20, 2019³

Each report noted that the list would improve public transparency and give residents easier access to important information about their local governments.

¹ Marin County Civil Grand Jury, *What Are Special Districts and Why Do They Matter?*, May 20, 2014, https://www.marincounty.org/-/media/files/departments/gj/reports-responses/2013/spd_master_list_report.pdf.

² Marin County Civil Grand Jury, *2015–2016 Web Transparency Report Card: Bringing Marin County's Local Governments to Light*, March 10, 2016, https://www.marincounty.org/-/media/files/departments/gj/reports-responses/2015/responses/webtransparencyrptcard/2015_16-web-transparency-report-card.pdf.

³ Marin County Civil Grand Jury, *Special Districts Transparency Update*, June 20, 2019, <https://www.marincounty.org/depts/gj/reports-and-responses/reports-responses/2018-19/special-districts-transparency-update>.

Objective and Approach

The objective of this investigation was to determine if a comprehensive list of public agencies in Marin County yet exists, to determine if such a list could be compiled, and to propose a method of establishing and maintaining such a list.

In pursuing this goal, the Grand Jury reviewed previous grand jury reports, reviewed the responses to the 2018–2019 Grand Jury report on transparency, and corresponded with county officials. The Grand Jury also did an analysis of data available from public agency sources and compiled the information presented in this report.

Discussion

In its response to the recommendations in the 2018–2019 Civil Grand Jury report, the board of supervisors said it had implemented the recommendation for “each entity under the board of supervisors,” but its approach excluded agencies such as school districts, water districts, sanitary districts, and similar “independent” agencies.

In seeking a definitive source of information, the current Grand Jury noted that there are three publicly available lists of agencies maintained within the county. The county lists are the Marin County Department of Finance’s “Special Districts in Marin” web page,⁴ the website of the Marin Local Agency Formation Commission (LAFCO),⁵ and the “Roster of Public Agencies” maintained by the Marin County Clerk’s office.⁶ Each one of them has deficiencies. While it is the most complete of the three, the county finance department’s list is missing a number of agencies (16 out of the 152 identified by the Grand Jury), and it is unclear how frequently the list is updated. Information on the LAFCO website is spread over multiple web pages rather than being presented in a comprehensive list. The county clerk’s “Roster of Public Agencies” is incomplete and out of date. For example, the clerk’s list is missing the municipalities of Belvedere, Ross, Sausalito, and Tiburon.

The importance of updating such an agency list at least annually is illustrated by two changes this year: the establishment of the new Marin Wildfire Prevention Authority and the pending dissolution of the Marin Telecommunications Agency.

In response to the deficiencies in the available lists, the 2019–2020 Grand Jury compiled a comprehensive list of 152 Marin governmental agencies, including the county, cities, towns, school districts, joint powers authorities, and other special districts. The list is attached as Appendix A. It will be posted in spreadsheet form on the county’s Grand Jury web page so that it can be easily downloaded and sorted by anyone. The public can learn more about each of the

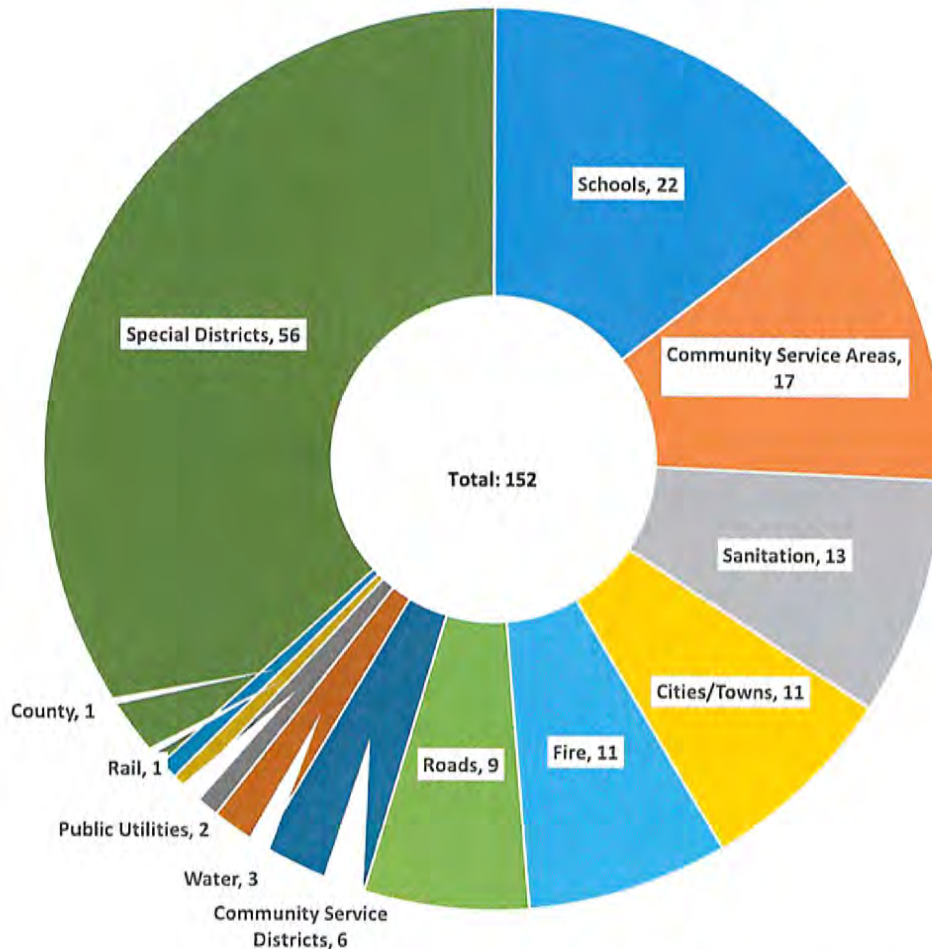
⁴ “Special Districts in Marin,” Marin County, accessed April 15, 2020, <https://www.marincounty.org/depts/df/special-districts>.

⁵ “Local Agencies,” Marin Local Agency Formation Commission, accessed April 15, 2020, <https://www.marinlafco.org/local-government-agencies-in-marin-county>.

⁶ “Statement of Facts - Roster of Public Agency - Marin County Filings,” Marin County, accessed April 15, 2020, https://www.marincounty.org/-/media/files/departments/ar/county-clerk/roster_of_public_agencies.pdf?la=en.

agencies by visiting their websites as shown on the list. See Figure 1 for a breakdown of these agencies by type.

Figure 1. Breakdown of Marin's 152 Agencies by Type



To assemble a comprehensive list of Marin's local agencies, data has to be collected from the five sources described below. The Grand Jury compiled this information into a single spreadsheet and then eliminated duplicates. Columns in the spreadsheet show at a glance which agencies are included in each source. The five sources are:

- **The State Controller's Government Compensation in California Website.** This site includes all of the agencies that are required to file annual reports regarding compensation of directors, public officials, and employees.⁷ To get a list of all government employers in Marin, (1) click the "Explore" menu, (2) click "Employers by

⁷ Government Compensation in California, accessed April 15, 2020, <https://publicpay.ca.gov>.

County,” and (3) select Marin and the desired year of reporting. This will produce a list of all reporting agencies in the county, which can be downloaded in spreadsheet format.

- **The State Controller’s Local Government Financial Data Website.** All agencies required to file annual Financial Transactions Reports under California Government Code 53891 are listed on this site.⁸ To get a list of all Marin special districts and joint powers authorities, (1) click on “Download the Raw Data,” (2) click on “Raw Data” in the left navigation bar, and (3) click on “Special Districts Listing.” This will produce a report listing all special districts and joint powers authorities in the state. This list can then be sorted by county to extract the Marin agencies.
- **The Marin County Department of Finance Special Districts/Local Government Contact List.** The “Special Districts/Local Government Contact List” posted by the finance department contains a largely complete list, but it is unclear if it is updated regularly, and the list cannot be downloaded in spreadsheet form.⁹
- **The Marin County Clerk’s Roster of Public Agencies.** California Government Code 53051 requires every public agency to file a Statement of Facts with the state and the county clerk. The Marin County Clerk’s office publishes a “Roster of Public Agencies” that includes all filing agencies.¹⁰ Unfortunately, many agencies appear to ignore their filing requirements, so the list is not complete.
- **The Marin Local Agency Formation Commission Website.** The LAFCO website contains useful information about many local agencies. Unfortunately, the data are dispersed across its website rather than being presented in a single list or spreadsheet.¹¹

The 2019–2020 Grand Jury fervently hopes that the county will adopt the newly developed comprehensive list of Marin public agencies as its own and update it regularly using the same or similar method.

Findings

- F1. Currently, there is no reliable, comprehensive, and regularly updated list of public agencies in Marin County.
- F2. There are multiple, publicly available lists of public agencies that can, with minimal effort, be combined into a single, comprehensive list that can be updated periodically.

⁸ “Local Government Financial Data,” California State Controller’s Office, accessed April 15, 2020, <https://bythenumbers.sco.ca.gov>.

⁹ “Special Districts in Marin,” accessed April 15, 2020, <https://www.marincounty.org/depts/df/special-districts>.

¹⁰ “Statement of Facts - Roster of Public Agency - Marin County Filings,” Marin County, accessed April 15, 2020, https://www.marincounty.org/-/media/files/departments/ar/county-clerk/roster_of_public_agencies.pdf?la=en.

¹¹ “Local Agencies,” Marin Local Agency Formation Commission, accessed April 15, 2020, <https://www.marinlafco.org/local-government-agencies-in-marin-county>.

Recommendation

- R1. During fiscal year 2020–2021, the Marin County Department of Finance and the County Clerk should adopt the newly developed public agency list contained in this report and implement a plan for one of them to maintain and update it at least annually using a method similar to that described in this report.

Request for Responses

According to the California Penal Code, agencies required to respond to Grand Jury reports generally have no more than 90 days to issue a response. It is not within the Grand Jury's power to waive or extend these deadlines, and to the Grand Jury's knowledge, the Judicial Council of California has not done so. But we recognize that the deadlines may be burdensome given current conditions caused by the COVID-19 pandemic.

Whether the deadlines are extended or not, it is our expectation that Marin's public agencies will eventually be able to return to normal operations and will respond to this report. In the meantime, however, public health and safety issues are of paramount importance and other matters might need to wait.

Pursuant to Penal Code Section 933.05, the Grand Jury requests responses from the following governing bodies:

- County of Marin Board of Supervisors (F1–F2, R1)
- Marin County Clerk (F1–F2, R1)

The governing bodies and elected officials indicated above should be aware that the comment or response of the governing body must be conducted in accordance with Penal Code Section 933 (c) and subject to the notice, agenda, and open meeting requirements of the Brown Act.

Note: At the time this report was prepared information was available at the websites listed.

Reports issued by the Civil Grand Jury do not identify individuals interviewed. Penal Code Section 929 requires that reports of the Grand Jury not contain the name of any person or facts leading to the identity of any person who provides information to the Civil Grand Jury. The California State Legislature has stated that it intends the provisions of Penal Code Section 929 prohibiting disclosure of witness identities to encourage full candor in testimony in Grand Jury investigations by protecting the privacy and confidentiality of those who participate in any Civil Grand Jury investigation.

Appendix A

List of Marin Public Agencies

Prepared by 2019–2020 Marin County Civil Grand Jury

Valid as of April 2020

Key to Data Sources	Website
PublicPay is the Government Compensation in California website	https://publicpay.ca.gov/Reports/Counties/Counties.aspx
SCO is the State Controller’s Office Local Government Financial Data	https://bythenumbers.sco.ca.gov/Special-Districts/Special-Districts-Listing/fv6y-3v29
Finance is the Marin County Department of Finance	https://www.marincounty.org/depts/df/special-districts
Clerk is the Marin County Clerk	https://www.marincounty.org/-/media/files/departments/ar/county-clerk/roster_of_public_agencies.pdf
LAFCO is the Marin Local Agency Formation Commission	https://www.marinlafco.org

Row	Type	Name	Contact	Data Source				
				PublicPay	SCO	Finance	Clerk	LAFCO
1	City/Town	City of Belvedere	http://cityofbelvedere.org	x	x	x		x
2	City/Town	City of Larkspur	http://larkspurcityhall.org	x	x	x	x	x
3	City/Town	City of Mill Valley	http://cityofmillvalley.org	x	x	x	x	x
4	City/Town	City of Novato	http://novato.org	x	x	x	x	x
5	City/Town	City of San Rafael	http://cityofsanrafael.org	x	x	x	x	x
6	City/Town	City of Sausalito	https://www.sausalito.gov/home	x	x	x		x
7	City/Town	Town of Corte Madera	http://townofcortemadera.org	x	x	x	x	x
8	City/Town	Town of Fairfax	http://townoffairfax.org	x	x	x	x	x
9	City/Town	Town of Ross	http://townofross.org	x	x	x		x
10	City/Town	Town of San Anselmo	http://townofsanselmo.org	x	x	x	x	x

Row	Type	Name	Contact	PublicPay	Data Source			
					SCO	Finance	Clerk	LAFCO
11	City/Town	Town of Tiburon	http://townoftiburon.org	x	x	x		x
12	County	County of Marin	https://marincounty.org	x	x	x		x
13	CSA *	Gallinas Creek Community Service Area (CSA #6)	https://www.marinlafco.org/county-service-area-6-gallinas-creek		x	x		
14	CSA	Greenbrae Community Service Area (CSA #16)	https://www.marinlafco.org/county-service-area-16-greenbrae		x	x		
15	CSA	Homestead Valley Community Service Area (CSA #14)	https://www.marinlafco.org/county-service-area-14-homestead-valley		x	x		
16	CSA	Indian Valley, Dominga Canyon Community Service Area (CSA #20)	https://www.marinlafco.org/county-service-area-20-indian-valley		x	x		
17	CSA	Kentfield - Larkspur Community Service Area (CSA #17)	https://www.marinlafco.org/county-service-area-17-kentfield-larkspur		x	x		
18	CSA	Las Gallinas Community Service Area (CSA #18)	https://www.marinlafco.org/county-service-area-18-las-gallinas		x	x		
19	CSA	Loma Verde Community Service Area (CSA #1)	https://www.marinlafco.org/county-service-area-1-loma-verde		x	x		
20	CSA	Los Ranchitos Community Service Area (CSA #19)	https://www.marinlafco.org/county-service-area-19-los-ranchitos-country-club-and-santa-venetia		x	x	x	
21	CSA	Lucas Valley Community Service Area (CSA #13)	https://www.marinlafco.org/county-service-area-13-upper-lucas-valley		x	x	x	
22	CSA	Marin County Fire Community Service Area (CSA #31)	https://www.marinlafco.org/county-service-area-31-fire-service-in-unincorporated-marin		x	x	x	
23	CSA	Northbridge Community Service Area (CSA #9)	https://www.marinlafco.org/county-service-area-9-northbridge		x	x		
24	CSA	Novato Community Service Area (CSA #25)	deilerman@marincounty.org		x	x		

Row	Type	Name	Contact	PublicPay	Data Source			
					SCO	Finance	Clerk	LAFCO
25	CSA	Paradise Cay Community Service Area (CSA #29)	https://www.marinlafco.org/county-service-area-29-paradise-cay		x	x		
26	CSA	Ross Valley Paramedic County Service Area (CSA #27)	https://www.marinlafco.org/county-service-area-27-ross-valley		x	x	x	
27	CSA	Stinson Beach Community Service Area (CSA #33)	https://www.marinlafco.org/county-service-area-33-stinson-beach		x	x		
28	CSA	Terra Linda Community Service Area (CSA #23)	https://www.marinlafco.org/county-service-area-23-terra-linda		x	x		
29	CSA	West Marin Paramedic County Service Area (CSA #28)	https://www.marinlafco.org/county-service-area-28-west-marin		x	x		
30	CSD *	Bel Marin Keys Community Services District	http://www.bmkcsd.us/	x	x	x	x	x
31	CSD	Marin City Community Services District	https://www.marincitydistrict.org/	x	x	x	x	x
32	CSD	Marinwood Community Services District	http://marinwood.org	x	x	x	x	x
33	CSD	Muir Beach Community Services District	http://www.muirbeachcsd.com	x	x	x	x	x
34	CSD	Tamalpais Community Services District	https://www.tamcsd.org	x	x	x	x	x
35	CSD	Tomales Village Community Services District	http://tomalescsd.ca.gov	x	x	x	x	x
36	Fire	Bolinas Fire Protection District	https://www.bolinasfire.org/	x	x	x	x	x
37	Fire	Central Marin Fire Dept	https://centralmarinfire.org	x			x	x
38	Fire	Fire Agencies Insurance Risk Authority		x	x			
39	Fire	Kentfield Fire Protection District	https://www.kentfieldfire.org/	x	x	x	x	x
40	Fire	Novato Fire Protection District	http://www.novatofire.org	x	x	x	x	x
41	Fire	Ross Valley Fire Department	http://www.RossValleyFire.org/	x	x	x	x	x

Row	Type	Name	Contact	PublicPay	SCO	Data Source		
						Finance	Clerk	LAFCO
42	Fire	Sleepy Hollow Fire Protection District	http://shfpd.org	x	x	x	x	x
43	Fire	Southern Marin Emergency Medical-Paramedic System	http://www.smemps.org/	x	x	x	x	x
44	Fire	Southern Marin Fire Protection District	http://smfd.org	x	x	x	x	x
45	Fire	Stinson Beach Fire Protection District	http://stinsonbeachfire.com	x	x	x	x	x
46	Fire	Tiburon Fire Protection District	http://tiburonfire.org	x	x	x	x	x
47	PUD *	Bolinas Community Public Utility District	http://bcnud.org	x	x	x	x	x
48	PUD	Inverness Public Utility District	https://www.invernessnud.org/	x	x	x	x	x
49	Rail	Sonoma-Marina Area Rail Transit District	http://sonomamarintrain.org	x	x	x	x	
50	Roads	Bolinas Highlands Permanent Road Division	Mfrost@MarinCounty.org		x	x	x	
51	Roads	Inverness Subdivision No. 2 Permanent Road Division	Mfrost@MarinCounty.org		x	x	x	
52	Roads	Madrone Park Circle Permanent Road Division			x			
53	Roads	Monte Cristo Permanent Road Division	Mfrost@MarinCounty.org		x	x	x	
54	Roads	Mountain View Avenue-Lagunitas Permanent Road Division	Mfrost@MarinCounty.Org		x	x	x	
55	Roads	Novato - Kendon Lane Improvement	MChapman@novato.org			x		
56	Roads	Paradise Estates Permanent Road Division	Mfrost@MarinCounty.org		x	x	x	

Row	Type	Name	Contact	Data Source				
				PublicPay	SCO	Finance	Clerk	LAFCO
57	Roads	Ramona Avenue Permanent Road Division			x			
58	Roads	Ridgewood Permanent Road Division			x			
59	Sanitation	Almonte Sanitary District (Marin)	http://www.almontesd.org/	x	x	x	x	x
60	Sanitation	Alto Sanitary District (Marin)	http://www.altosanitarydistrict.org/	x	x	x	x	x
61	Sanitation	Central Marin Sanitation Agency	https://www.cmsa.us	x	x	x	x	x
62	Sanitation	Corte Madera Sanitary District (Marin No 2)	https://www.townofcortemadera.org/391/Sanitary-District-No-2		x	x	x	
63	Sanitation	Homestead Valley Sanitary District (Marin)	http://homesteadvalleysd.org/	x	x	x	x	x
64	Sanitation	Las Gallinas Valley Sanitary District (Marin)	http://www.lgvsd.org/	x	x	x	x	x
65	Sanitation	Novato Sanitary District #1 (Marin)	http://www.novatosan.com	x	x	x	x	x
66	Sanitation	Richardson Bay Sanitary District (Marin)	http://richardsonbaysd.org	x	x	x	x	x
67	Sanitation	Ross Valley Sanitary District (No. 1)	http://rvsd.org	x		x	x	x
68	Sanitation	San Rafael Sanitation District	https://www.cityofsanrafael.org/departments/sanitation-district	x	x	x	x	
69	Sanitation	Sanitary District No. 5 Marin County - Belvedere Tiburon	http://sani5.org	x		x		
70	Sanitation	Sausalito - Marin City Sanitary District	http://www.sausalitomarinacitysanitarydistrict.com	x	x	x	x	x
71	Sanitation	Sewerage Agency of Southern Marin	http://www.sasmwwtp.org	x	x	x	x	x
72	School	Bolinas-Stinson Union School District	http://bolinas-stinson.org	x		x	x	x

Row	Type	Name	Contact	Data Source				
				PublicPay	SCO	Finance	Clerk	LAFCO
73	School	Kentfield School District	http://kentfieldschools.org	x		x	x	x
74	School	Laguna Joint School District	http://lagunaschool.org	x		x	x	
75	School	Lagunitas School District	http://lagunitas.org	x		x	x	x
76	School	Larkspur-Corte Madera School District	http://lcmschools.org	x		x	x	x
77	School	Lincoln School District	http://lincoln.marinschools.org	x		x	x	
78	School	Marin Community College District	http://marin.edu	x		x	x	x
79	School	Marin County Office of Education	http://marinschools.org	x		x	x	
80	School	Mill Valley School District	http://mvschools.org	x		x	x	x
81	School	Miller Creek School District	https://www.millercreeksd.org	x		x	x	x
82	School	Nicasio School District	http://nicasioschool.org	x		x	x	x
83	School	Novato Charter	http://www.novatocharterschool.org	x				
84	School	Novato Unified School District	http://nusd.org	x		x	x	x
85	School	Reed Union School District	http://reedschools.org	x		x	x	x
86	School	Ross School District	http://rossbears.org	x		x	x	x
87	School	Ross Valley School District	http://rossvalleyschools.org	x		x	x	x
88	School	San Rafael Elementary School District	http://srcs.org	x		x	x	x
89	School	San Rafael High School District	http://srcs.org	x		x	x	x
90	School	Sausalito-Marín City Schools	http://smcsd.org	x		x	x	x
91	School	Shoreline Unified School District	http://shorelineunified.org	x		x	x	x
92	School	Tamalpais Union High School District	http://tamdistrict.org	x		x	x	x
93	School	Willow Creek Charter	https://www.willowcreekacademy.org/do-main/50	x				
94	SPD *	Bay Area Air Quality Management District	http://www.baaqmd.gov/			x	x	

Row	Type	Name	Contact	Data Source				
				PublicPay	SCO	Finance	Clerk	LAFCO
95	SPD	Belvedere Public Financing Authority			x		x	
96	SPD	Belvedere-Tiburon Joint Recreation Committee District	http://theranchtoday.org	x	x	x	x	x
97	SPD	Belvedere-Tiburon Library Agency	http://www.beltibrary.org	x	x	x	x	x
98	SPD	Central Marin Police Authority	http://www.centralmarinpolice.org	x	x	x	x	x
99	SPD	Fairfax Financing Authority	https://www.townoffairfax.org/fairfax-financing-authority		x	x		x
100	SPD	Firehouse Community Park Agency	http://bolinasparks.org/ipa-agreements	x	x	x	x	x
101	SPD	Gateway Improvement Authority	https://www.marincounty.org/main/webcasts/gateway-improvement-authority		x	x	x	x
102	SPD	Gateway Refinancing Authority	https://www.marincounty.org/main/webcasts/gateway-refinancing-authority		x		x	
103	SPD	Housing Authority of Marin	https://www.marinhousing.org				x	
104	SPD	Larkspur Marina Financing Authority	https://www.marincounty.org/~media/files/departments/gi/reports-responses/2015/responses/webtransparentcard/larkspurmarinafinanauth_trans.pdf?la=en			x		x
105	SPD	Marin Clean Energy (MCE)	http://www.MCECleanEnergy.org	x	x	x		x
106	SPD	Marin County Animal Control Program	https://www.marinhumane.org/			x		x
107	SPD	Marin County Capital Improvements Financing Authority	https://www.marincounty.org/main/webcasts/capital-improvements-financing-authority		x	x	x	x
108	SPD	Marin County Fair	https://www.marinfair.org	x				

Row	Type	Name	Contact	PublicPay	Data Source			
					SCO	Finance	Clerk	LAFCO
109	SPD	Marin County First 5	http://first5marin.org/children-families-first/	x				
110	SPD	Marin County Flood Control and Water Conservation District	https://www.marincounty.org/depts/pw/divisions/creeks-bay-and-flood/flood-control		x	x	x	
111	SPD	Marin County Hazardous and Solid Waste Joint Powers Authority	http://MarinHHW.Com/	x	x	x	x	x
112	SPD	Marin County Law Library	http://marincountylawlibrary.org			x	x	
113	SPD	Marin County Lighting District			x	x	x	
114	SPD	Marin County Major Crimes Task Force	https://www.MarinSheriff.Org/About-Us/Major-Crimes-Task-Force			x	x	x
115	SPD	Marin County Open Space District	https://www.marincountyparks.org/depts/pk/divisions/open-space		x	x	x	
116	SPD	Marin County Open Space Financing Authority	https://www.marincountyparks.org/depts/pk/divisions/open-space		x	x	x	x
117	SPD	Marin County Resource Conservation District	https://www.marinrcd.org	x	x	x	x	
118	SPD	Marin County Superior Courts	https://www.marincourt.org	x			x	
119	SPD	Marin County Transit District	http://marintransit.org	x	x	x	x	
120	SPD	Marin Emergency Radio Authority (MERA)	http://meraonline.org/	x	x	x	x	x
121	SPD	Marin General Services Authority (MGSA)	http://maringsa.org/	x	x	x		x
122	SPD	Marin Healthcare District	http://www.marinhealthcare.org	x	x	x	x	x
123	SPD	Marin Local Agency Formation Commission	https://www.marinlafco.org				x	
124	SPD	Marin Municipal Water District Financing Authority	https://www.MarinWater.org/	x	x	x	x	

Row	Type	Name	Contact	Data Source				
				PublicPay	SCO	Finance	Clerk	LAFCO
125	SPD	Marin Public Financing Authority	http://www.lgvsd.org/document-library/marin-public-financing-authority/	x	x		x	x
126	SPD	Marin Pupil Transportation Authority	https://www.cde.ca.gov/schooldirectory/details?cdscode=21408730000000			x	x	
127	SPD	Marin Schools Insurance Authority	https://www.msiajpa.org/	x	x	x	x	x
128	SPD	Marin Storm Water Pollution Prevention program	https://www.marincounty.org/depts/pw/divisions/creeks-bay-and-flood/mcstoppp/about-mcstoppp					x
129	SPD	Marin Telecommunications Agency **	http://mtamarin.org/	x	x	x	x	x
130	SPD	Marin Wildfire Prevention Authority ***	http://marinwildfire.org					
131	SPD	Marin/Sonoma Mosquito and Vector Control District	https://www.msosquito.com/	x	x	x	x	x
132	SPD	Marinet Consortium Joint Powers Authority (Libraries)	https://marinet.lib.ca.us/screens/help_marinet.html		x	x	x	x
133	SPD	Mill Valley Financing Authority	http://www.cityofmillvalley.org/gov/citycouncil/mayorcitycouncil/fianancingauthority.htm		x	x	x	x
134	SPD	Murray Park Sewer Maintenance District	https://www.marincounty.org/depts/pw/divisions/projects/capital-projects/sewer-districts		x	x	x	
135	SPD	Northern CA Comm Colleges SIA	http://www.nccsif.org			x	x	
136	SPD	Novato Financing Authority	https://www.novato.org/government/boards-commissions-committees/novato-public-finance-authority/novato-financing-authority		x	x	x	

Row	Type	Name	Contact	Data Source				
				PublicPay	SCO	Finance	Clerk	LAFCO
137	SPD	Novato Public Finance Authority	http://novato.org/government/boards-commissions-committees/novato-public-finance-authority			x	x	x
138	SPD	Richardson Bay Regional Agency	http://rbra.ca.gov/	x	x	x	x	x
139	SPD	Ross Valley Paramedic Authority	http://rossvalleyparamedic.org/	x	x	x	x	x
140	SPD	Ross Valley Public Financing Authority	http://rvsd.org/211/Ross-Valley-Public-Financing-Authority	x	x	x	x	x
141	SPD	Rush Creek Lighting and Landscape	https://www.marincountyparks.org/about-us/boards-and-commissions/rush-creek-landscaping-and-lighting-district			x	x	
142	SPD	San Francisco Bay Area Restoration Authority	http://sfbayrestore.org/			x		
143	SPD	San Quentin Village Maintenance District (Marin)	https://www.marincounty.org/depts/pw/divisions/projects/capital-projects/sewer-districts		x	x	x	
144	SPD	San Rafael Joint Powers Financing Authority	https://www.cityofsanrafael.org/sripfa/		x	x	x	x
145	SPD	Sausalito Financing Authority	https://www.sausalito.gov/departments/administration/finance/sausalito-financing-authority		x	x		
146	SPD	Strawberry Recreation District	http://strawberry.marin.org	x	x	x	x	x
147	SPD	Tiburon Peninsula Traffic Relief Joint Powers Authority		x				
148	SPD	Tiburon/Belvedere Wastewater Financing Authority	https://www.sani5.org/about/ipa	x	x	x		x
149	SPD	Transportation Authority of Marin	https://www.tam.ca.gov/	x	x	x	x	
150	Water	Marin Municipal Water District	http://www.marinwater.org	x	x	x	x	x
151	Water	North Marin Water District	https://www.nmwd.com	x	x	x	x	x

Row	Type	Name	Contact	Data Source				
				PublicPay	SCO	Finance	Clerk	LAFCO
152	Water	Stinson Beach County Water District	http://stinson-beach-cwd.dst.ca.us	x	x	x	x	x

*** Key to Agency Types**

CSA - Community Service Area

CSD - Community Service District

PUD - Public Utility District

SPD – Other Special Districts, meaning any public agency as defined in Section 95 of the Revenue and Taxation Code, a commission provided for by a joint powers agreement, or a nonprofit corporation that provides specific functions or services.

** Agency dissolving in 2020

*** Agency formed in 2020

8/6/2020

BOARD MEMBER REPORTS

CLARK

NBWA Board Committee, NBWA Conference Committee, Ad Hoc HR Sub-Committee re: GM Evaluation, Ad Hoc HR Sub-Committee re: 2019 Employee Climate Survey, Other Reports

ELIAS

NBWRA , Ad Hoc Engineering Sub-Committee re: STPURWE, Other Reports

MURRAY

Marin LAFCO, CASA Energy Committee, Ad Hoc HR Sub-Committee re: GM Evaluation, Other Reports – Building and Maintaining an Equity Mindset in Local Government Webinar, CWEA CASA COVID-19 Webinar #3

SCHRIEBMAN

JPA Local Task Force, NBWA Tech Advisory Committee, Ad Hoc HR Sub-Committee re: 2019 Employee Climate Survey, Other Reports

YEZMAN

Gallinas Watershed Council/Miller Creek Watershed Council, Flood Zone 7, CSRMA, Ad Hoc Engineering Sub-Committee re: STPURWE, Other Reports

Agenda Item 7.3
Date August 6, 2020

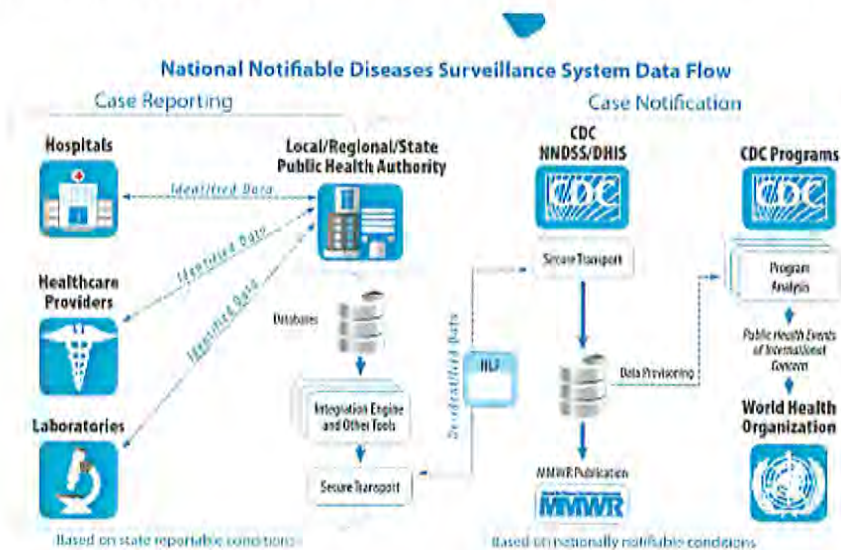
CWEA CASA COVID-19 Webinar #3:
Wastewater Surveillance
June 16, 2020
Craig K. Murray

Murray

CWEA Online Training: events.cwea.org/covid19

Speaker: Mia Catharine Mattioli, PhD, Environmental Engineer, National Center for Emerging and Zoonotic Infectious Diseases, CDC: cdc.gov/coronavirus.

US Disease Surveillance/CDC Role: Coordinate/store data from state/local health agencies; summarize and make national data available for states and public; analyze data to provide public health interpretation/guidance; Support inter-health agency communication for public health action.



Sewage Surveillance:

- ✓ SARS-CoV-2 is shed in feces of symptomatic and asymptomatic individuals
- ✓ Sewage is an efficient pooled sample of (sub)community infection prevalence: Captures sub-clinical infections; Independent of healthcare-seeking behavior and testing access; provides info within days versus up to 2 week lag for other surveillance data
- ✓ Sewage data will complement case- and symptom-based surveillance: Infection data for communities where testing data is N/A; Understanding of sub-county variability; infection information during sub-clinical phases.
- ✓ Current potential: based on state of the science: provide county and sub-county level total infection trends; leading indicator of potential infection increases following reopening of communities; early warning to inform re-closure decisions-particularly high-risk facilities like senior living centers, university campuses, prisons, nursing homes; tracking virus evolution and global origin upon emergence in US; More data needed: estimating overall daily infection prevalence within a sewershed.
- ✓ Sewage Assessment Partners: Columbia, Charlotte, Charleston, SC; Waco and Denton, TX; Bay Area and Southern, CA; Chesapeake Bay Area, VA; NYC: Tulsa, OK; Boston, MA; Akron, OH; Chicago, IL, and Tempe, AZ.

National Wastewater Surveillance System (NWSS):

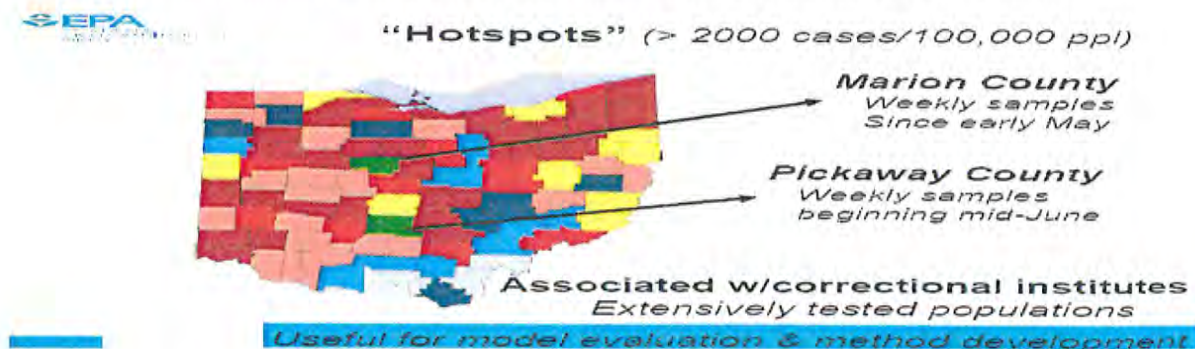
✓ Data collection at CDC to facilitate national disease interpretation and public health action; National CDC laboratory to support testing; incorporation of other health targets captured in sewage; State and local HD support and capacity building: Sampling and testing; data compilation/interpretation; Key Partners: EPA, Stakeholder organizations: health and water; Academia and Industry.

More Info: CDC 1-800-CDC-INFO (232-4636); www.cdc.gov

Jay Garland, PhD, Research Scientist, Office of Research & Development, EPA

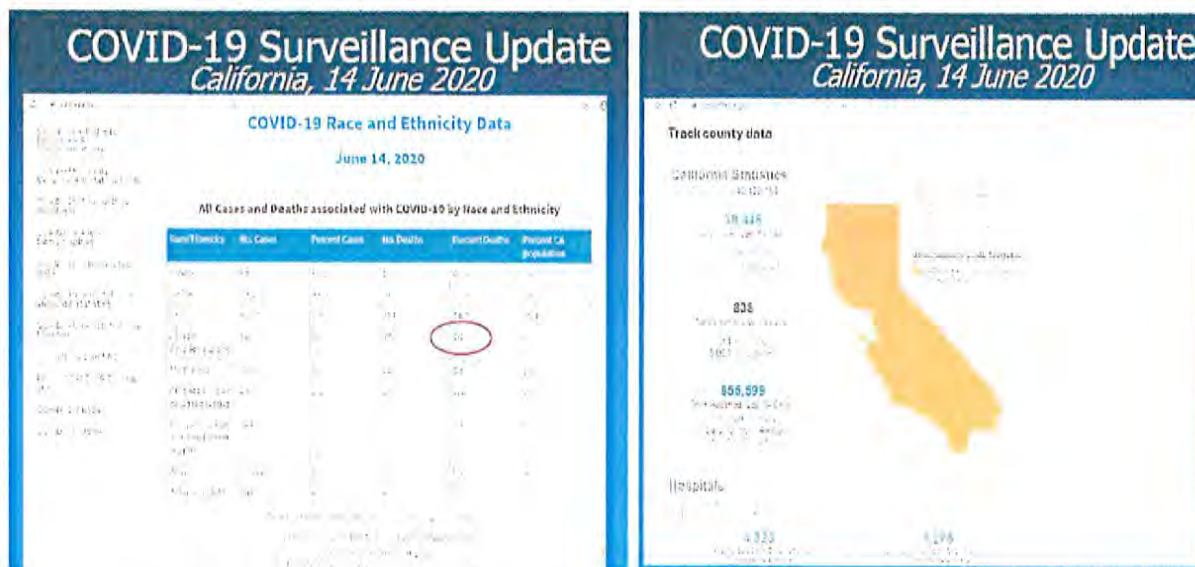
✓ Three Major Knobs: 1. Optimizing the analytical methods – detection, recovery efficiency, inhibition; 2. Accounting for sewer dynamics – decay, degradation, and dilution; 3. Looking into the community – multiple, imperfect estimates of infection/shedding. Examples: Cincinnati Municipal Sewer District (Indian, Taylor, Muddy, Mill Creek, Little Miami, Sycamore and Polk). Approach: Correlate weekly signal at the sewer shed level to current cases within that area (either at home or

hospital; Target sub-sewer shed sampling to areas of higher localized confirmed cases: stronger signal for method development; simplify dynamics to disentangle sewer impacts; Use cases for focused community monitoring.



OH Gov Devine: develop a state based wastewater effort on Memorial Day; Ohio EPA, ODH, Ohio Water Resource Center (in coordination with state university system researchers) are implementing a Phase A surveillance plan: Testing to begin in July, ~50 sites at least weekly, initial focus on major metropolitan areas and other at risk communities; bringing environmental scientists, wastewater engineers, and public health professionals together to develop meaningful data.

Mark Starr, DVM, MPVM, DACVPM, Deputy Director for Environmental Health, CA Department of Public Health.
Public Health Approach: Problem to Reponse: Surveillance: What is the problem?; Risk Factor Identification: What is the cause?; Intervention Evaluation: What Works?; Implementation: How do you do it?



√ Data Sources and Methods for Surveillance: Notifiable diseases, laboratory specimens, vital records, sentinel surveillance, syndromic surveillance, registries, surveys, administrative data systems, other data sources.

Wastewater detection as a surveillance tool: Utility/added value? Early (emergence) or late (re-emergence post-elimination) in outbreak course; limited access to healthcare and especially testing; monitor community trends over time (“pooled sample”); National standards needed: testing and sampling; QA/QC/validation; quantification; limits of detection; Models to estimate upstream prevalence: adjust for inflow characteristics; estimates for human shedding and other; all or portions of sewage shed. Article: Wastewater Samples showing possible spike in Coronavirus cases in Corning. New information shows far more people have coronavirus in Tehama County than have been confirmed through testing (posted June 12, 2020 11:44am).

Lan Wiborg, Director of Environmental Services, Orange County Sanitation District. Collections Area: 479 sq miles, Population: 2.6 M, Cities: 20. Two Facilities: Reclamation Plant No.1 Fountain Valley: 115-130 MGD; Treatment Plant No. 2 in Huntington Beach 65-85 MGD.

Keeping up with the COVID-19 Headlines

Scientists are unsure of coronavirus effects at the beach
By ROSANNA KIA

A leading atmospheric chemist at the Scripps Institution of Oceanography wants to yell out her window at every surfer, runner, and biker she spots along the San Diego coast.

"I wouldn't go in the water if you paid me \$1 million right now," she said.

The beach, in her estimation, is one of the most dangerous places to be these days, as

9 days later, in a follow-up article

In a Los Angeles Times interview nearly last week, [redacted] was quoted as saying, "I wouldn't go in the water if you paid me \$1 million right now." She posited that SARS-CoV-2, the virus that causes COVID-19, could enter the ocean — through raw or poorly treated sewage — and then get kicked back into the air along the surf zone.

The new research published after the interview has changed her thinking. The research includes an experimental portion of the study in the journal Nature, which found that the virus did not appear to remain infectious in fecal matter.

"The main exposure risk to the water recreation community remains sewage pollution and urban runoff into the ocean, which can increase after major storms such

Wastewater and SARS-CoV-2 Key OCSD Discussions: lessons from other wastewater surveillance efforts?; where can we obtain expert advice?; what are the current and future use cases?; can we ensure staff safety?; can we sustain field and laboratory resources?; should OCSD conduct its own study?; can we support other research efforts?

Current Research Partners: The University of Arizona; Stanford University; Orange County Water District; California State Water Resources Control Board Regional Water Quality Control Boards; University of Michigan; Trussell Technologies; Southern California Coastal Water Research Project.

V Community-specific Data; Sewer Dynamics; Analytical Methods

#



AGENDA

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

Meeting Date/Time: July 23, 2020 / 10:30 am – 12:30 pm
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.	2020 Bill Cycle	Jessica/Jared	Update on legislative activity and bill list
2.	Governor's Budget	Jessica/Jared	August roll-out to show GHG Reduction Fund (GGRF) Allocation

PRIORITY ISSUES/ACTION ITEMS

	ITEM	LEAD	NOTES
1.	COVID-19	Greg	Resources on CASA Website , SWRCB Fact Sheet , WEF Biosolids Fact Sheet , wastewater epidemiology, CASA/CWEA webinar July 22
2.	PFAS	Greg/Jared	SWRCB PFAS , CASA and National Coalition fact sheets , GSI Report , SWRCB Order distributed
3.	SB 1383: Organic Waste Reduction Regs	Greg	SB 1383 , adoption delayed, enforcement remains on schedule
4.	Criteria Pollutants & Toxics Emissions Reporting & AB 2588 Toxics Program	Sarah/David	CARB/OEHHA/SAP meeting July 9, CASA AirToxics Subgroup met July 13, scheduling a follow-up meeting with CARB staff July 29
5.	Regional Hot Topic: BAAQMD Climate Pollutants (CH ₄ & N ₂ O)	Sarah	Regulation 13 development suspended due to COVID-19, BAAQMD wants to partner w/ BACWA on unsolicited proposal, Princeton/ UC-Riverside monitoring research began 2020 – seeking POTW partners, TCR to pull together a Technical Workgroup on N ₂ O
6.	Central Valley Salinity Alternatives for Long-Term Sustainability (CV SALTS)	Greg	Salt Control Program poses impact to land application of biosolids, notices to comply distributed, POTW Workshop #3 August 3

DISCUSSION/INFORMATIONAL ITEMS

	ITEM	LEAD	NOTES
1.	CA Adaptation: <ul style="list-style-type: none"> • SWRCB • SF Bay Shoreline Adaptation Financing 	Sarah Jackie	SWRCB Climate Change Preparedness Survey Update SF Bay Water Board and BCDC discuss financing for nature-based adaptation solutions in workshop July 8 , recording
2.	Climate Action Reserve Protocol	Greg/Sarah	CAR's Draft Soil Enrichment Protocol , met with CAR June 23
3.	Biosolids & Fire Reclamation Efforts	Greg	Project at Las Virgenes/Calabasas, Phase 1
4.	USFS Wood Innovation Grant	Greg	2-year project testing the use of biochar for odor control
5.	Flare Rules: SCAQMD Rule 1118.1 & SJVAPCD Rule 4311 Updates	David/Ray	SCAQMD: Meetings, status of mandated research SJVAPCD: Resuming rule-making
6.	Biogas/Biomethane Management: <ul style="list-style-type: none"> • EPA Renewable Fuel Standard RINs • Biogas Accidental Release Prevention & Risk Management 	Greg/Sarah	Communication with interim Madison Le replacement CalOSHA Process Safety Management Standards update, exemption scenarios
7.	SB 100 Joint Agency Report & Scoping Workshops	Sarah	Modeling underway, draft results to come early summer, Draft report anticipated in late summer
8.	SWRCB Co-digestion Capacity Analysis	Sarah	Targeting release/roll-out in summer 2020

UPCOMING CONFERENCES/EVENTS

NAME	DATE/LOCATION
CASA Annual Conference	We've gone digital! Aug 12 - 13
WEFTEC Annual Conference	Went digital! Visit link. Oct 3 – 7
CWEA Annual Conference	Went digital! Oct 27 – 30

NEXT MEETING: August 27th, 8:30 - 10:30 am (webinar/conference call)



AGENDA

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

Additional topics we review periodically for progress or changes:

State

- CARB Natural & Working Lands
- CARB Mandatory GHG Reporting Regulation
- CARB 2030 Target Scoping Plan
- 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

National

- NEPA Guidance on GHG Emissions
- EPA EJScreen Tool
- WERF Phase II Project (lab scale based model) - N₂O Emissions from Wastewater Treatment Processes
- WERF High Quality Biosolids from Wastewater Project
- 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
- 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

July 23, 2020 (10:30 am – 12:30 pm)

Zoom Link – See Meeting Appointment



1

Legislative Update



2

Governor's FY 2021 Budget: May Revise

- "Climate" allocation is still a priority
 - Air Quality in Disadvantaged Communities: AB 617 Community Air Protection Program and agricultural diesel emission reduction
 - Forest Health and Fire Prevention, including implementation of the requirements of Chapter 391, Statutes 2019 (AB 38)
 - Safe and Affordable Drinking Water

***August Budget Update to Come –
Outlining Allocation of Greenhouse
Gas Reduction Fund (GGRF)***



3

Priority Issues/
Action Items



4

1. COVID-19

- 4th CWEA-CASA Webinar – July 22nd: “Overcoming O&M Challenges to Maintain Essential Services”
- CASA website for resources: <https://casaweb.org/covid-19/>
- SWRCB factsheet on wastewater
- WEF biosolids factsheet
- Wastewater-based epidemiology – CDC to take leadership and serve as national repository

Fact Sheet

California's Recycled Water and Treated Wastewater Is Safe from the COVID-19 Virus

Existing stringent state standards protect public from COVID-19

- Wastewater treatment plants treat municipal wastewater to standards that protect the beneficial uses of the waters into which the treated wastewater is discharged. Some plants treat wastewater to more stringent standards so that the highly treated water can be reused for landscape irrigation, dust control at construction sites, and groundwater recharge for future use as a drinking water source. The level of treatment required depends on the beneficial uses of the receiving waters and ultimate use of the treated wastewater.

Residuals and Biosolids Issues Concerning COVID-19 Virus

California Water Boards, National Sanitation Foundation, National Sanitation Foundation, National Sanitation Foundation

It provides additional information on the wastewater treatment process, including the use of residuals, and the potential for COVID-19 virus in residuals. The document also provides information on the use of residuals in agriculture and other beneficial uses.

Residuals are the solids that remain after wastewater treatment. They are typically composed of organic and inorganic materials. They can be used for a variety of purposes, including land application, incineration, and energy recovery.

The California Water Boards are committed to ensuring that residuals are managed in a way that protects public health and the environment. This includes implementing strict standards for residuals management and providing ongoing monitoring and reporting.

Additional Information

Additional information is available on the California Water Boards website. For more information, please contact your local Water Board.

For more information on the use of residuals, please visit the National Sanitation Foundation website.

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2. Per and Poly-fluoroalkyl Substances (PFAS)

- Quick facts:
 - Background levels are in ppb range
 - No federally approved method for analyzing biosolids, wastewater (*EPA webinar today!*)
 - Notification levels for PFOS/PFOA at 6.5/5.1 ppt
 - Response levels for PFOS/PFOA: 40/10 ppt (from 70 ppt)
- CASA hired GSI to review latest scientific research
 - Report distributed to CASA membership
- SWRCB investigation
 - Order distributed last week – sampling to start Q4
 - Quarterly sampling of influent, effluent (if ≥5 mgd)
 - Quarterly sampling of biosolids (if ≥5 mgd and export biosolids)
 - Not requiring a work plan be approved – labs have varying SOPs leading to varying results
 - Annual reporting required



6

3. SB 1383 (SLCP Reduction Implementation): Organic Waste Reduction Regulations

- 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)
- Next Steps
 - Another draft to be released
 - Adoption targeted for Q3 2020, with release of the progress report
 - State to start enforcement on jurisdictions January 1, 2022
 - Local jurisdictions to start enforcement January 1, 2024
 - Compliance by January 1, 2025



7

4. CTR & Toxics: WW sector approach to determine relevant toxics for reporting

- July 9 CARB/OEHHA Workshop w/ Scientific Review Panel – likely to accept provisional toxicity values for Appendix A-1 Compounds
- Met with CARB staff July 15 as part of a CCEEB (CA Council for Environmental and Economic Balance) meeting, CARB staff:
 - Will align implementation of the CTR and AB 2588 amendments - both are scheduled for adoption in November 2020
 - Confirmed most ≥ 4 tpy facilities will report 2022 data in 2023 (i.e., initial annual report), subsequent reports required annually commencing with 2026 data being reported in 2027:
 - 2023 report requires all existing compounds in the AB 2588 Appendix A-1 (~500 compounds) along with 100 new Appendix A-1 compounds - the 100 new Appendix A-1 compounds are generally those previously exempted by air districts.
 - 2027 annual report requires adding the remaining ~600+ compounds (unless a formal CARB-approved screening process is performed to exclude compounds).

8

4. CTR & Toxics: WW sector approach to determine relevant toxics for reporting

- CARB staff (cont'd):
 - Explained publication of interim toxicity values (in 2023) does not mean air districts will require new compounds be included in prioritization scoring or HRA's.
 - Is willing to discuss how to perform the two-step screening effort for wastewater plants for all existing and proposed Appendix A-1 compounds – call scheduled July 29.

9

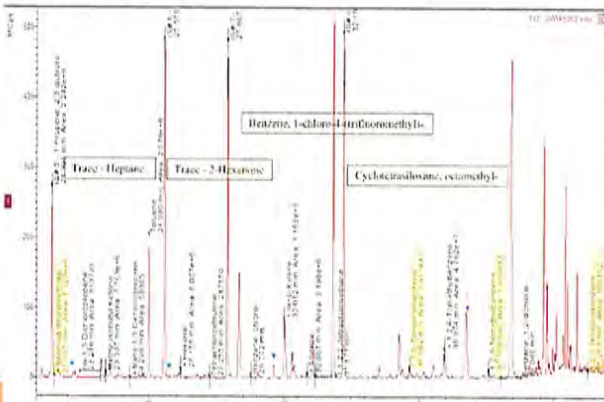
4. CTR & Toxics: WW sector approach to determine relevant toxics for reporting – *Next Steps*

- CASA requests members to perform initial qualitative screening by July 31st
 - Identify detectable AB 2588 Appendix A-1 compounds
 - Use EPA Method TO-15 followed by GC/MS to scan peaks against the NIST Mass Spectral Library (*data are not reportable*)
- CASA members will review detectable AB 2588 Appendix A-1 compounds to establish a draft shortlist of wastewater-specific compounds – negotiate a strategy with CARB (begin discussion July 29)
- Potentially perform a CARB approved “official” qualitative screening, unless initial screening data results are accepted by CARB –**OR**– perform quantitative testing to establish a *final* shortlist of wastewater-specific compounds (needs an approved sampling/analytical approach)
- Upon establishing the final shortlist of wastewater-specific compounds, a “pooled” source test approach could be performed by the wastewater sector to establish emission factors (as done in the late 1980's)

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4. Toxics: Initial Qualitative Screening

- ~10 members are performing an inlet/outlet headworks foul air GC/MS scan
- LACSD results show (also received results from EBMUD and SOCWA):
 - 10 tentative detections of new Appendix A-1 compounds
 - No PFAS detected
 - Detected compounds are not listed as carcinogenic by CARB - no OEHHA cancer potency values assigned to these compounds



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5. Regional Hot Topic: BAAQMD Climate Pollutants Regulation

Rules and Regulations

Regulation 13: Climate Pollutants

Rule 13-1: Significant Methane Releases

Rule 13-2: Organic Material Handling

Rule 13-3: Composting Operations

Rule 13-4: Wastewater Operations*

Rule 13-5: Hydrogen Plants

Rule 8-34: Solids Waste Disposal Sites*

	GHGs	Odors	VOCs	Toxics
Regulation 13: Climate Pollutants				
Rule 13-1: Significant Methane Releases	CH ₄	Yes	Yes	Yes
Rule 13-2: Organic Material Handling	CH ₄	Yes	Yes	Yes
Rule 13-3: Composting Operations	CH ₄	Yes	Yes	Yes
Rule 13-4: Wastewater Operations*	CH ₄ , N ₂ O	Yes	Yes	Yes
Rule 13-5: Hydrogen Plants	CH ₄	Yes	Yes	Yes

* Future rule development efforts.

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5. Regional Hot Topic: BAAQMD Climate Pollutants Regulation

Rule Development Suspended due to COVID-19

Rule	Next Workshop	Board Workshop	Notes
13-1: Significant Methane Releases	TBD	TBD	Tabled indefinitely to focus on source-specific rules.
13-2: Organic Waste Handling	None	2020?	Draft is focused on organic material handling: Material Recovery Facilities, Transfer Facilities, Chip & Grind Facilities.
13-3: Composting Operations	2020?	2020?	Draft language in development, not released.
13-4: Sewage Treatment & Anaerobic Digestion	TBD	TBD	BACWA requested involvement to provide input on draft language. Draft rule to consider biogas produced/collected, minimizing other pollutants, flare requirements, record keeping, reporting requirements, etc. BAAQMD is working with BACWA to collect baseline information to inform rule development and reviewing an unsolicited proposal.
13-5: Hydrogen Plants	TBD?	2020?	Focus on hydrogen production at petroleum refineries.
8-34: Solid Waste Disposal (Landfills)	2020?	2020?	Focus on methane from landfills – BAAQMD to align with state and federal requirements.

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5. Regional Hot Topic: BAAQMD Climate Pollutants Regulation

- BAAQMD is convening an Organic Recovery Technical Working Group (TWG) the first week of August
- BAAQMD considering an unsolicited proposal for identifying / developing options for mitigating methane and VOC emissions
 - Anaerobic digesters and ancillary equipment
 - Other treatment processes (i.e., lagoons)
- Engaging BACWA in effort to develop a baseline understanding of current practices and emissions
- BACWA to discuss potential options to support BAAQMD's efforts to collect information and determine the final scope for the proposed project

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5. Research: N₂O, CH₄, & NH₃ Emissions from POTWs

- Research by Princeton and UC-Riverside began in April 2020 – N₂O, CH₄, and NH₃ from wastewater treatment plants
- Looking to partner with wastewater agencies



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The Climate Registry

5. N₂O & The Climate Registry (TCR)

- Forming Technical Workgroup this summer to discuss/determine how to handle/categorize N₂O process and effluent emissions
 - Recognize nutrient source driving these emissions is from the community a WWTP serves, not within the control of a WWTP
 - Consider showing N₂O emissions as a Scope 3 emission within a WWTP's inventory (vs Scope 1) – reflecting it's the responsibility of a community

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6. Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS)

- POTW Workshop #3: August 3rd, 1 - 4 pm
 - For POTWs, Water Recyclers, Biosolids Applicators, Compost Facilities, and other community/municipal agencies in the Central Valley that discharge salts
 - Will provide an overview of CV-SALTS and its Salt Control Program
 - Topics will include compliance options and permitting under the Salt Control Program and information about the Prioritization and Optimization Study

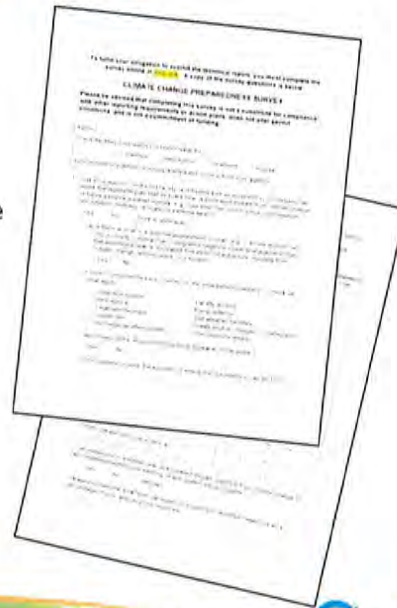
17

Discussion/
Informational Items

18

1. Adaptation: SWRCB Climate Change Preparedness Survey

- State Water Board to:
 - Use permit modifications in effort to reduce vulnerability to flooding, storm surge, and sea level rise.
 - Require use of U.S. EPA's Climate Resilience Evaluation and Awareness Tool (CREAT) or a comparable approach to identify vulnerabilities to climate change impacts at water and wastewater utilities.
- Survey to be distributed
 - NPDES, WDR, and SSO holders
 - 45-day response
 - To host a webinar after distribution to answer questions regarding the survey



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1. Adaptation: San Francisco Bay Shoreline Adaptation Financing

- SF Bay Regional Water Board & BCDC Joint Workshop
- Financing adaptation projects relying on nature-based solutions:
 - restoring tidal wetlands, living shorelines, and related habitats
 - managing sediment for marsh accretion and natural flood protection
 - maintaining upland buffer areas around tidal wetlands
- Bring together "financers" with "customers"
- Share information/advance dialogue on financing pathways to implement projects
- Recording available (click link in agenda)

20

2. CAR Offset Protocol Development

- Soil Enrichment Project Protocol
 - Provide guidance on how to quantify, monitor, report, and verify agricultural practices that enhance carbon storage in soils
 - [Draft protocol](#) released in April
 - CASA submitted comments in May
- Next Steps:
 - Follow-up call with CAR staff June 25th
 - CAR Board to review final draft for acceptance Sept 30th
 - Look into CARB's interest in the protocol

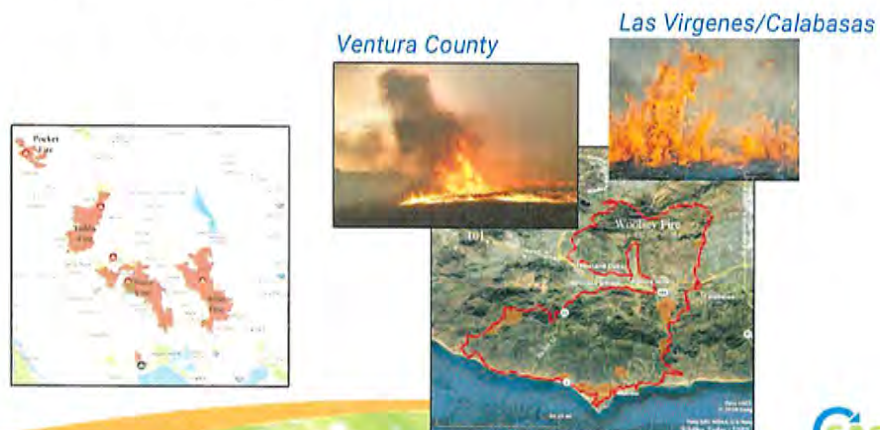


CLIMATE
ACTION
RESERVE

21

3. Biosolids and Fire Reclamation Efforts

- Site secured in Las Virgenes/Calabasas (Phase 1) for Class B, Class A compost, Class A dried pellets for land application, & control site
- Sampling results are in and being reviewed
- Looking for a site in Bay Area (Phase 2) and back to Colorado (Phase 3)



22

4. U.S. Forest Services Wood Innovation Grant



- Two-year grant from Sierra-NV Conservancy & Governor's Office of Planning & Research
- Collaboration with U-CO and UC-Merced/Phoenix Energy
- Investigate viability of replacing GAC with biochar (from gasification of dead trees) for pre- and post-treatment odor control
 - Year 1: Perfect activation of biochar (bench to full scale)
 - Year 2: Agency testing (Delta Diablo, LACSD, South Lake Tahoe, and VVWRA)
- University of CO is doing the market assessment
- Report anticipated to be distributed end of 2020

23


5. Flare Rules: SCAQMD Rule 1118.1 & SJVAPCD Rule 4311

- SCAQMD – Rule 1118.1
 - Examining impacts of SB 1383
 - Food Waste Diversion
 - Beneficial Use Technology Assessment – May request an extension beyond the January 2021 deadline to complete the Technology Assessment
- SJVAPCD – Rule 4311
 - Resuming amendments to limit use and proposing a lower NO_x limit (0.018 lbs/MMBtu)



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6. Biogas/Biomethane Management

- EPA Renewable Fuel Standard RINs
 - Recent communication with interim lead, waiting for permanent replacement
 - Proposed apportionment of RIN values for sludge-based biogas (D3) vs food waste-based biogas (D5)
- 
- CalOSHA's Process Safety Management (PSM) Standard
 - Actions triggered by >10,000 lbs of biogas (unless all is used onsite)
 - General RMP Guidance - Appendix F: Supplemental Risk Management Program Guidance for WWTPs states...

"For methane, the 10,000-pound threshold applies to the total weight of the flammable mixture of digester gases, not just the weight of methane or flammables in the mixture."
 - Scenarios by which the PSM program **will** allow an exemption from its requirements

25

7. SB 100 Joint Agency Report & Scoping Workshops

- Renewable energy and zero-carbon resources to supply 100% of electric retail sales to end-use customers by 2045
- CEC, CPUC, and CARB drafting joint agency report to Legislature by January 1, 2021 (every 4 years thereafter)
- Completing modeling work for the analytical portion of the report - draft modeling results by late spring/early summer
- Draft modeling results workshop in summer
- Draft report workshop planned for late summer/early fall – notification through the list serve and posted on the website

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8. SWRCB Co-Digestion Capacity Analysis

- **Submitted final chapters per task July 31, 2019**

1. Estimate organics generation in 2025 and 2030
2. Assess existing capacity (without rehab/modifications)
3. Assess future capacity in 2025 and 2030 (without & with rehab/ modifications)
4. Assess methane emissions
5. Additional Topics:
 - Investigate opportunities and barriers at small- to medium-sized facilities
 - Examine pilot/demonstration facilities that have already operated



- **Roll-out of report to public still expected Summer 2020 (reviewed by Governor's Office, to hold webinar and post report)**

27

Upcoming Conferences/Events

- **CASA Annual Conference**
August 12-13, Virtual!
- **WEFTEC Annual Conference**
Fully virtual!
- **CWEA Annual Conference**
October 27-30, Reno

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Upcoming Meetings

- August 27th
- September 24th
- October 22nd
- November 12th
- December 17th

Thanks for Joining!



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This is to certify that

Craig Murray

has completed

Building and Maintaining an Equity Mindset in Local Government

1.50 ICMA CE credits

July 28, 2020

A handwritten signature in black ink, appearing to read "Marc A. Ott".

Marc A. Ott
ICMA Executive Director

A handwritten signature in black ink, appearing to read "Felicia C. Logan".

Felicia C. Logan
ICMA Leadership Development



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: _____

Other meeting attendees: _____

Meeting relevance to District: _____

Frequency of Meeting: _____

Estimated Costs of Travel (if applicable): _____

Date submitted to Board Secretary: _____

Board approval obtained on Date: _____

Please submit to the District Administrative Assistant, no later than 2:00 p.m. on the
Friday prior to the Board Meeting.

8/6/2020

BOARD AGENDA ITEM REQUESTS

Agenda Item 8B

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

Teresa Lerch

From: Mark Millan <millan@datainstincts.com>
Sent: Friday, July 17, 2020 9:53 AM
To: Undisclosed Recipients
Subject: Coronavirus in Yosemite. ...they tested the park's sewage - SF Chronicle 7/17/20

There were no reports of coronavirus in Yosemite. Then they tested the park's sewage
Curtis Alexander, SF Chronicle 7/17/20

Like a lot of the rural West, Yosemite National Park stood as a safe haven from the coronavirus. No park employees or residents tested positive. No visitors reported being sick. The fresh air and open space seemed immune.

That's until local health officials started looking for the coronavirus in the park's raw sewage — that's right, the poop. This week, lab analysis of feces at two wastewater treatment plants serving Yosemite revealed the presence of the virus that causes COVID-19. Dozens of people in Yosemite Valley are believed to have been infected.

"It's one thing to live in denial: We live in the mountains, no one's sick," said Eric Sergienko, the health officer for Mariposa County, who is overseeing coronavirus testing in the Yosemite area. "But we can now confirm it's here."

With the pandemic surging across the country, more and more communities are keeping watch for the virus in wastewater. As foul as it may be, untreated sewage has long been used to track some of society's most persistent ills, from illicit drugs to pollutants to disease. In 2013, a polio flare-up was famously identified through wastewater in northern Israel, helping authorities get a jump on containing the outbreak.

Scientists hope that human excrement can similarly help guide health policy today, telling them where the novel coronavirus emerges, what areas should receive medical supplies or be locked down, and when it may be safe to reopen communities, their schools, stores and businesses.

Wastewater testing is seen as a complement to clinical testing, which has been hampered by test shortages, long waits for results and false negatives. With sewage, scientists can identify the presence of the coronavirus a week before a person tests positive with nasal swabbing, and the testing covers potentially tens of thousands of people, not just one.

"It allows us to do surveillance, knowing we couldn't test all the visitors to Yosemite or any visitors from other parts of California," Sergienko said.

Working with the National Park Service, Mariposa County health officials started collecting untreated wastewater last month. They're taking samples weekly from the communities of El Portal, where sewage from Yosemite Valley is piped and treated, and Wawona, where sewage from the park's southern end and several private residences is managed. The samples are sent to Cambridge, Mass., lab Biobot Analytics for analysis.

While swab testing at the park's health clinic has yet to yield a case of the coronavirus, the lab testing this week detected the virus in the sewage collections from June 30 to July 6 at both El Portal and Wawona. Biobot officials told the county that, based on how much of the virus they counted, they think about 170 people were infected in Yosemite Valley and just one or very few in Wawona.

Sergienko, who provides guidance to the park on public health issues, said it's not surprising that the coronavirus finally emerged in Yosemite, and attributed it to the region's many visitors. Its presence, he said, is not likely to trigger significant policy changes because the park is already adhering to local and state safety directives. However, he said he believes the positive test results will make people more vigilant.

“It heightens awareness,” he said. “We know the problem is here. We know the challenge is here. Now we have to be serious about facing it.”

More than 4 million people visit Yosemite each year, from all over the world, making it ripe for the spread of the coronavirus. Park administrators referred questions about the newly detected virus to county health officials.

The park has so far been cautious, more so than many other national parks, in its operations during the pandemic. Yosemite was closed for nearly three months when the outbreak began, then reopened with restrictions that allow in only half the number of people who normally visit. Visitor centers remain shut down, and campgrounds, gift shops and hotels are limiting services to allow for physical distancing.

Following Gov. Gavin Newsom’s statewide order Monday to shutter indoor dining and a handful of other activities, additional park facilities, such as restaurants, have scaled back operations.

Carolyn Coder, an environmental health specialist for Mariposa County, said the wastewater testing would help determine whether more restrictions would be recommended in the weeks and months to come.

“It’s part of the overall decision-making,” Coder said. “Do we need to go back to shelter-in-place? Do we need to go back to stage one?”

Sewage testing works by identifying genetic material, or RNA, from SARS-CoV-2, the coronavirus that causes COVID-19. The virus is not believed to be infectious in the waste, but plenty of it is there so scientists can see the RNA. Over the past few months, several private labs and universities have gotten into the business of hunting for it.

What these researchers haven’t been able to do well, though, is use the genetic material to figure out definitively how widespread a viral infection is, though some like Biobot have begun to provide estimates. The fact that not everybody with the virus ejects it through their stool and that some expel it even after they recover are some of the complicating factors.

Ali Boehm, a professor of civil and environmental engineering at Stanford University who has been studying the virus in wastewater since February, says concentrations of the genetic material can show trends, such as whether infections are going up or down. But getting more precise information from the testing, she said, is still an imperfect exercise.

Boehm and others are working to improve the science. They’d like to be able to unravel such unknowns as the true scale of infections and how the virus is mutating, and do it all in real-time.

“We hope by the end of this summer we’re going to have data that is actionable and complete,” she said.

Her team at Stanford is analyzing wastewater samples from about 50 utilities, including many in the Bay Area. These participating agencies stand to better grasp the spread of the virus in their backyards and customize containment measures from whatever breakthroughs the researchers make.

Biobot, which is doing sewage testing for about 400 communities in the United States, says the modeling it has developed for RNA concentrations gives a pretty good idea of how many people might be infected with the virus, though the company acknowledges its methods aren’t perfect.

“At this time, our prevalence estimates are a back-of-the-envelope exercise, and there’s much work to be done to improve accuracy,” the company wrote in a blog shared with The Chronicle.

Biobot was in position to get into coronavirus testing because its prior business was tracking opioids in wastewater and analyzing patterns of drug use. It quickly transitioned at the start of the pandemic.

In the Bay Area, the East Bay Municipal Utility District, which treats the sewage of 685,000 residents, was one of the nation's first utilities to send off wastewater samples for analysis — to Stanford as well as UC Berkeley and other labs — and now it's gearing up to do its own coronavirus testing.

The goal, says agency Director of Wastewater Eileen White, is nothing short of being able to pinpoint outbreaks by ZIP code. Also, the district wants to know when such areas may be virus-free.

"If we're really going to stop the spread, we need good data," she said.

Full article: <https://www.sfchronicle.com/health/article/There-were-no-reports-of-coronavirus-in-Yosemite-15414351.php>

News Update



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

Many races, fewer polling places for fall Marin ballot

FILING OPENS

By Richard Halstead

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The filing period for more than 130 local offices up for grabs in the Nov. 3 general election begins on Monday.

The nomination period ends at 5 p.m. on Aug. 7, with an extension to Aug. 12 for positions where an incumbent officeholder has not filed.

Marin County Registrar of Voters Lynda Roberts said Marin's first election since the onset of the coronavirus emergency will involve some new wrinkles, including fewer

polling places.

More than a dozen seats on six municipal councils will be among those in play. Other key bodies with incumbents whose terms are ending include the Marin Municipal Water District, the Marin County Board of Education, the Marin Community College District and 19 school districts.

The election will also include races for seats on community services districts, fire protection districts, the Marin Healthcare District, public utility districts, recreation districts, the Marin Resource Conservation District, sanitary districts and water districts.

Roberts said coronavirus-related orders issued by Gov. Gavin Newsom since March give her the authority to cut the number

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Election

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of polling places. On June 5, the governor issued an order allowing counties to consolidate voting locations with at least one voting location per 10,000 registered voters.

A month earlier, Newsom issued an order requiring county election officials to send vote-



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to make an appointment to come into the office so we can manage the traffic," Roberts said. "They can do that on our website.

Some candidates are getting paperwork via email."

The San Rafael City Council and several boards in San Rafael and Novato — including the San Rafael Board of Education, the Novato Unified school board, the North Marin Water board, the Novato Sanitary District

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Sausalito Planning Commission, has already announced she will seek a seat on the council in November.

In San Anselmo, the terms of Brian Colbert, John Wright and Alexis Fineman are ending. In Fairfax, the terms of Bruce Ackerman, John Reed and Barbara Coler are expiring.

In Tiburon, council members Holli Thier and David Kulik

3

bymail ballots for the November election to all registered voters. That order was challenged in the courts but the Legislature made it law with passage of AB 860 in June.

“We anticipate a lot of people will use that ballot to vote,” Roberts said. “In March we had 89 polling places. That would be very difficult under the current conditions.”

Roberts said it took 700 poll workers to staff those 89 polling places. She doubts she could recruit such an army now given the concern over the spread of the coronavirus. In addition, Roberts said it has become harder to find locations to serve as polling places due to the pandemic.

For example, in the past some polling places were located in senior living centers, which are now under strict quarantine.

There will also be some changes for candidates filing nomination papers.

“We’re asking candidates

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board and the Novato Fire Protection District board — have switched from atlarge elections and will be conducting their first zone elections.

The Marin Healthcare District board, which oversees MarinHealth Medical Center, is weighing whether to switch to district elections in November 2022 after being threatened with a lawsuit under the California Voting Rights Act of 2001.

In San Rafael, the terms of Mayor Gary Phillips and Councilman John Gamblin are ending. Phillips will not seek re-election.

“I decided about a year ago that I felt two terms, nine years, was right,” Phillips said.

Phillips said Vice Mayor Kate Colin has indicated she is interested in running for mayor. There will be no incumbent running for the newly created District 1 seat on the San Rafael council, which includes Terra Linda.

In Sausalito, the council terms of Raymond Withy, Deirdre Cox and Joseph Burns are ending. Janelle Kellman, who heads the

7

must decide whether to seek re-election. In Belvedere, the terms of Nancy Kemnitzer, Robert McCaskill and Claire McAuliffe are up.

Two of the five seats on the Marin Municipal Water District board will be in play. The terms of Larry Russell and Armando Quintero are ending.

Four of the Marin County Board of Education’s seven trustees — Patrica Warren, Patricia Garbarino, Robert Goldman and Clairette Wilson — must decide whether to run again.

Half of the Marin Community College District’s board members — Stephanie O’Brien, Philip Kranenburg, Eva Long and Stuart Tanenberg — have terms that are expiring.

Making your home Zoom-ready during the pandemic

AT HOME

I am the worst voyeur. Whenever my husband and I are out walking, I peer in windows. Despite his chastising, I sneak peeks wherever I can. I cannot get enough of seeing how people really live. Glancing in windows beats looking at photos in home magazines because it's reality.

Imagine my glee at the pandemic-driven boom in Zoom and other brands of virtual meetings, which gives me liberal license to feed my guilty pleasure.

Suddenly, folks who would never normally have me over are inviting me into their living rooms, kitchens, bedrooms and backyards.

It's a wonder I can focus. Whenever I'm on a Zoom call, my eyes rove to take in what's behind the participants. What's on the mantel, bookshelves, refrigerator or wall? Is that a signed Georgia O'Keefe? Would you look at that chandelier? He really should hide that "Gambling for Dummies" book.

Yes, I judge. It's fun for me. But here's the catch.

The camera call goes two ways, and turns on my place, too.

I try to learn from others' missteps. I pay attention when TV networks awkwardly beam us into the homes of displaced

3

You want your main light source directly in front of you, not overhead, unless you want to look like you're being interrogated.

- Soundcheck. Find a quiet place away from the household hullabaloo. That's a tall task at my home with three dogs, an ambitious gardening crew and a neighbor whose symphonic parrot has mastered the sound of child murder. To spare others in your home from hearing the other side of the conversation, use headphones.

- Run a background check. Once you've got the light and sound down, dial in the background.

Yes, we know that due to present circumstances you have to work out of your kitchen or bedroom. But spare us your unwashed dishes, unmade bed, laundry pile, view into your bathroom and last night's stash of empty beer bottles. Because the focus should be you, shoot for an uncluttered, attractive and not embarrassing backdrop.

Reconsider any visible books about religion, sex or politics. ("Learning Massage with Your Partner" should probably go in the drawer.) Sit so your back is against something predictable like a wall, so rogue kids or half-dressed partners are less apt to zoom into view, which you know will happen. Be near an outlet. Build your brand.

3

- Dress accordingly and completely. Wear what you would wear if you were meeting with the others on the call in-person. And, yes, dress from head-to-toe, just in case you forget you're wearing your pajama bottoms and stand up. Regardless of what Reeves said on national television, he did deliver this important public service message to all who participate in remote meetings from home >> Get fully dressed.

Syndicated columnist Marni Jameson is the author of five home and lifestyle books, including "Downsizing the Family Home What to Save, What to Let Go" and "Downsizing the Blended Home — When Two Households Become One." You may reach her at marnijameson.com.



When attending a virtual business meeting from home, dress as if you were meeting colleagues in-person, from head-to-toe, and avoid taking the call from your bed.

FPONCEG/DREAMSTIME.COM



⑦

news commentators. Recall Will Reeves, Superman Christopher Reeve's son, appearing on Good Morning America wearing a sports coat and dress shirt to deliver a serious business message. Only he gave us a little too much information. Where were his pants? Surely, thigh was not a scheduled part of the program.

Since we're all virtually sharing a little more of ourselves and our homes these days, this is prime time to clean up, declutter and curate your home to make sure it reveals the you that you want to reveal, not that other you.

So zoom in for the following ways to make sure you and your home are camera ready.

- Start with the light.

Don't worry about getting the background right until you get the light right.

Open your blinds to bring in natural light, which is good, unless it's coming in behind you. That will leave you in the shadows. Facing natural light from a window is ideal. If your virtual meeting is at night, or in a windowless room, set a lamp facing you.

④

Though step one is don't embarrass yourself, next step is to tailor the scene to convey that better you. Look around your home for a spot that reflects your style and taste, or create one. Having family photos, artwork, books and travel memorabilia is fine, but a bar cart, maybe not. Make sure onscreen objects project the image you want. If not, edit or change locations.

- Fake it. Though I prefer to keep it real, if you can't find one place in your home that looks camera ready, you can drop in a virtual background (go to settings, select virtual background then add image) to make it look like you're standing in front of the Golden Gate Bridge, by a campfire, in a fish tank or in some posh interior.

- Angle is everything.

Your best angle is straight ahead. Raise your laptop monitor so it's eye level and head on. I have seen up more noses in the last few months than I care to count. Prop your monitor on a few books or a shoebox, which also helps eliminate the double-chin problem. If you must relocate during a virtual meeting, turn off your video momentarily so you don't give everyone vertigo, and don't smash the monitor against your chest, ladies.

Before you go live, use the video preview feature to adjust lighting, hair and to see what all is in view.



Marni Jameson

Real estate prices rise in Marin despite virus

HOUSING

By Gary Klien

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The median price for detached homes in Marin County rose 5.3% in June over the prior year, marking the first solid gain since the coronavirus arrested the market.

The price — \$1.45 million — was based on 254 sales last month, exactly even with the sales volume in June 2019. That reversed the steep declines in year-over-year sales volume for May and April.

In the condo and townhome market in Marin, the median price reached \$730,000 last month, a gain of 7.5% over the prior June. Sales fell from 57 to 51.

The data are among the latest figures from the Marin County assessor's office. The median price is the point at which half are higher and half lower.

①

Patti Cohn, a Compass real estate broker based in Marin, said demand is brisk and buyers from San Francisco are "out in droves." Cohn said she has been getting interest on properties even before they are officially listed.

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Median

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②
"If anyone thinks there is a housing crisis, think again," she said. "After a slowdown in the traditional spring real estate season, buyers are actively looking for homes to purchase."

At the higher end of the Marin real estate market in June, three homes in Belvedere sold for an average price of \$4.42 million, according to the assessor's office. Five homes in Ross sold

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cities to the suburbs, and the increase in telecommuters who can live farther from company headquarters.

"The demand for housing still greatly exceeds the supply," said Murray, a former Marin County supervisor. "The housing crisis pre-pandemic has gotten worse and now we have a great push to get everyone housed to reduce the spread, which is pushing the demand higher."

Robert Eyler, chief economist for Marin Economic Forum,

⑥

Statewide, the median price for a detached home reached a record high of \$626,170 last month, up 6.5% from May and up 2.5% from the prior June, the California Association of Realtors said Thursday.

In the Bay Area, the median price for a detached home in June was \$1 million, up 3.6% from May and 4.2% from June 2019, the association reported.

"Home sales bounced back solidly in June after hitting a record bottom in May, as



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for an average price of \$3.9 million. Nine homes in Tiburon sold for an average price of \$3.78 million.

At the lower end, 15 condos or townhomes in Novato sold for an average price of \$549,163 last month.

Properties on the market now range from an eight-bedroom home in Ross for \$43 million to a mobile home in Novato for \$75,000, according to the Zillow real estate service.

Cynthia Murray, executive director of the North Bay Leadership Council, a nonprofit consortium of business and civic interests, said she is not surprised to see a rebound in the real estate market. She cited low mortgage rates, a flow of families from the

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said market observers offer growth forecasts of about 2.5% to 5% over the next year in Marin.

“So we may see some slow down in price growth if the economy flattens a bit in its attempt to recover, but for right now indicators are showing a good market through 2020,” Eyler said.

“The lower interest rates and potentially some workers with portable jobs and wanting out of the cities may be driving behavior here also, and there is a short-term element to that given Marin County pricing,” he said. “However, the desire to be close but out of the city may drive demand in Marin County for years to come where that is not new, just moved up a notch with COVID-19.”

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lockdown restrictions loosened and pent up demand driven by record-low interest rates roared back,” said association president Jeanne Radsick, an agent in Bakersfield. “While the momentum is expected to be sustained as we kick off the third quarter, the resurgence in coronavirus cases remains a concern and may hinder the market recovery in the second half of the year.”

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Sewer district extends grants for lateral fixes

CORTE MADERA

By Lorenzo Morotti

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Residents in Corte Madera and some nearby neighborhoods will be able to use sewer lateral pilot programs for another two years. The Sanitary District No. 2 board has extended a grant program that operates with a multi-year sewer improvement project, said Todd Cusimano, the Corte Madera town manager.

He said the district is unable to repair sewer laterals — the lines that connect the main sewer to homes in Corte Madera and parts of Larkspur and Tiburon — because they are on private property. Instead of asking residents to pay for the repairs themselves, the district will help finance the effort.

“We felt it was appropriate to pay for that even though the property is owned by residents in town,” Cusimano said. “That program allows us to replace lines and allows the residents on street to replace

their sewer lateral on a one-time basis.”

In addition to helping the homeowner cover the cost, the program has helped expedite sewer projects, minimized delays in construction and saved the district and town staff time — all while preventing sewage infiltration into the soil.

Mayor Eli Beckman, who is also a district board member, said the program helps the town bring its aged sewage system up to environmental standards.

“The sewer infrastructure in Corte Madera is very old and there is a lot of inflow and infiltration, which is when rainwater leaks through cracked and broken pipes and gets into the sewer system or raw sewage leeches through the dilapidated system,” Beckman said. “It’s a public health hazard and environmentally unacceptable. That’s why we can’t leave it as it is.”

Two pilot programs provide one-time repairs for sewer laterals on private property, both funded at \$500,000 each, according to a staff report. This year, funding will stay at \$1 million for both programs combined, but \$700,000 will be allocated to the lower lateral pilot program while \$300,000 is slotted for the private sewer lateral program.

“All of the \$1 million between the two pilot programs were expended in one year,” said R.J. Suokko, the Corte Madera public works director. “That’s why we asked, why don’t we transfer \$2 million over the next two years to continue this program?”

In August 2018, the district passed an ordinance that requires homeowners to have their sewer laterals inspected when building improvements of more than \$50,000 are made over three years; when

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Sewer

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sewage overflow occurs; when a property is sold or title is transferred; when the sewer main on the street is being improved; or when the road is being paved, according to the staff report.

Beckman said if the inspection finds that the lines are broken, then the homeowner has to make the repair.

The maximum grant from the district is \$1,500 per parcel.
Residents

are disqualified from the program if they benefited from any other district- or townfunded assistance program within the last 10 years, according to the staff report.

The funding for the program will come out of the capital improvement budget. The district's capital program budgeted \$6.3 million for the 2020-21 fiscal year, according to the budget report.

The program also offers a grant to low-income residents. About \$40,000 was allocated for low-income property owners, and so far only \$10,000 of that has been expended, according to the staff report.

There are 5,665 laterals connected to the district's collection system. So far, 445 private sewer laterals have been repaired.

“OLD COGEN” IS DEAD: DETERMINING THE BEST USE OF BIOGAS IN A DYNAMIC ENVIRONMENT

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ABSTRACT

The concept of continuously running a cogeneration system on municipal biogas must be reimagined. As electric rates shift toward time-of-use, as codigestion creates opportunities for increased biogas production and revenue, and as new technologies are deployed, Combined Heat and Power (CHP) facilities must seek to exploit every opportunity to produce more power, produce it at the right time, and for the right price.

In the meantime, if you could choose to have any type of biogas system at any point in history, that system would be biomethane pipeline injection, and that time would be now.

This paper demonstrates the challenges and opportunities facing wastewater utilities through case studies of wastewater treatment facilities that are currently in different phases of evaluating the best use of biogas or implementing a next-generation biogas utilization approach.

KEYWORDS

Biogas, energy, renewable, cogeneration, combined heat and power, biomethane, vehicle fuel, microgrid, battery energy storage, net metering, net zero

INTRODUCTION

Electricity markets are changing again. With increased penetration and generation of renewables, particularly solar photovoltaics, electric utilities and regulators are focusing more on time-of-use, net metering, and demand charges. Figure 1 shows the impact of renewable power on demand for traditional grid generation – a dramatic, evening ramp-up of non-renewable power as solar power production goes offline. These factors will drive a wastewater utility’s electric bill away from energy-based charges (based on kilowatt-hours of consumption) and increase the relative cost of fixed and demand-based charges. These changes may also reduce the value of exported power for those utilities that are approaching or have achieved “net zero” (where onsite generation periodically, or always, exceeds plant demand). This shift will affect the traditional cogeneration payback model of continuous output and a simple “blended rate” value (dollars per kilowatt-hour):

- Continuous cogeneration output may not be the most economically beneficial operating strategy as peak power rates and off-peak power rates diverge. Instead, biogas storage or battery energy storage during off-peak hours and increased output during peak hours will increase payback.
- “Net Zero” may not be the goal it once was – at least not on a total kilowatt-hour basis. Without a favorable net metering agreement and a time-of-day strategy, “net zero” will represent a precipitous drop-off in the value of each kilowatt-hour generated. Figure 2 shows California’s net metering tariffs. Wastewater utilities should define “net zero” goals that are based on energy cost or carbon footprint. A carbon-based “net zero” is the most purposeful definition and opens the door for biomethane pipeline injection or renewable compressed natural gas (rCNG) for vehicle fuel.
- Feasibility studies, economic analyses, and designs for new CHP facilities must account for new electric tariffs and include a complement of energy storage and deployment technologies.

California ISO Duck Curve

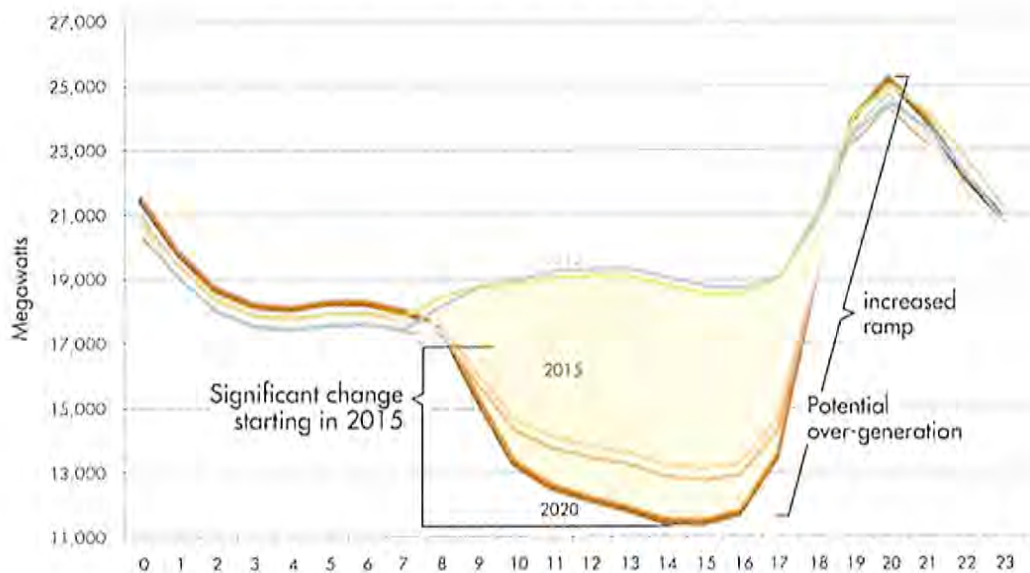


Figure 1. California’s “Duck Curve” – Impact of renewable power on demand for traditional grid generation (Source: California Independent System Operator)

No Export	Periodic Export	Net Export (S)	Net Export (M)	Net Export (L)
TOU	NEM2.0	NEMA	RES-BCT	BioMAT
Time-of-use	Net Metering Successor Tariff	NEM Aggregation	Renewable Energy Self-Gen Bill Credit Transfer	Bioenergy Market Adjusting Tariff
	Retail credit for exported power; but \$0.02- 0.03/kWh NSC	NEM credit sharing for multiple meters (<5MW)	NEM credit sharing for gov't (<5MW)	\$0.127/kWh for export (<5MW, 100% biogas)

Figure 2. California’s electric rate tariffs for renewable power producers who export power, either periodically or in aggregate. Net surplus credit (NSC) value, i.e. the value of exported kilowatt-hours beyond “net zero” is only \$0.02-0.03/kWh – hardly enough to offset the operation and maintenance costs of a cogeneration facility.

Renewable Vehicle Fuel Incentives Outperform Electricity

While the value of electricity is increasingly tied to “when it was made”, the value of vehicle fuels is based on “how it was made”. This is the result of lucrative incentives for renewable fuels – particularly for vehicles. Federal incentives (Renewable Fuel Standard) and state programs such as California’s Low Carbon Fuel Standard reward biogas producers based on the composition of their digestion feedstocks or the carbon intensity of their resultant fuel. These incentives make vehicle fuels the best value for biogas. Figure 1 demonstrates the value of vehicle fuel compared to electricity and natural gas – showing unprecedented value for vehicle fuel due to current incentive values. For now, Wastewater utilities are faced with the challenge of predicting the future value of these market-driven incentives and assessing their risk tolerance for uncertain payback.

Relative value of energy (adjusted for conversion efficiency)

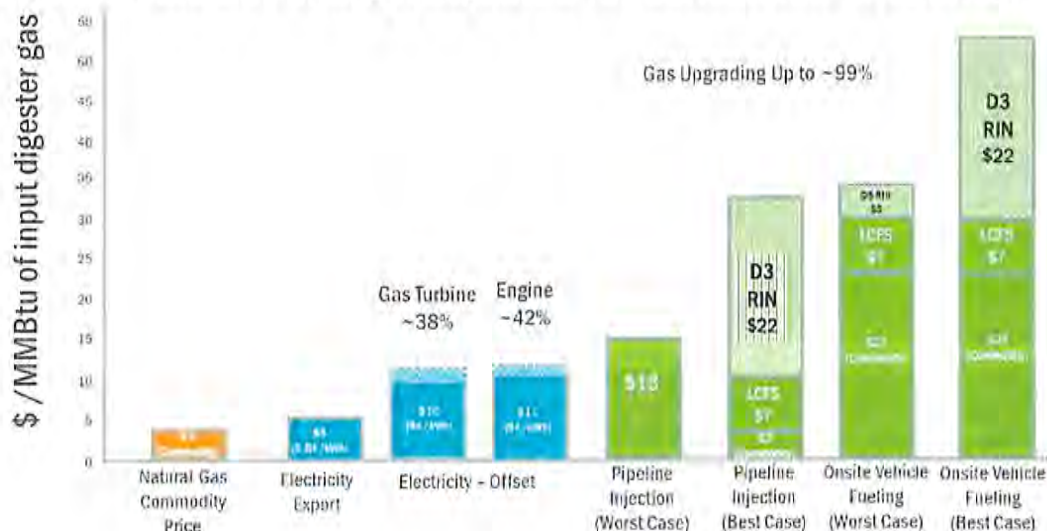


Figure 3. Relative value of energy from biogas, adjusted for conversion efficiency and shown on a common basis

CASE STUDY: CONTINUOUS IMPROVEMENT (CITY OF SANTA ROSA, CA)

Background

The City of Santa Rosa's role as a leader in advancing innovations in water recycling, residuals management and environmental stewardship dates back to its initial cogeneration efforts (1976), the beginnings of its now extensive reclamation system (1979), and the start of beneficial land application of biosolids (1991). The Geysers Recharge Project (2003), Integrated Energy Audit (2012) and Combined Heat and Power Project (2012) are tremendous contemporary examples of how the City has continued implementing its philosophy by partnering with water and energy utilities, providing water for power generation, assuring efficient wastewater treatment, and upgrading to an advanced self-generation facility for biogas utilization.

The Laguna Treatment Plant (LTP) is a tertiary-level treatment facility that has an average daily dry weather flow of 17.5 million gallons per day (mgd). Nearly all of the water is reclaimed – in addition to the Geysers, the reclamation system comprises 6,130 acres and uses 46 pump stations to deliver reclaimed water to the buried pipe and above-ground irrigation systems. Nearly all of the biosolids are beneficially reused via land application or offsite Class A processing.

Combined Heat and Power Project (2012)

The Combined Heat and Power (CHP) Project replaced the City's existing cogeneration facility with an advanced, efficient biogas utilization facility. Project predesign included evaluation of technologies, including engines, fuel cells, turbines and biomethane pipeline injection. The final project included 4.4 megawatts (MW) of generation capacity – four 1.1 MW engines as shown in Figure 4 – as well as a digester gas treatment system (hydrogen sulfide, moisture and siloxane

removal), gas blending system (digester gas and natural gas), and a new building. The CHP facility uses all of the Laguna Treatment Plant's digester gas (initially 950 kW of electricity, or one engine at nearly full load, and now more as discussed below). The other engines provide redundancy and standby generation capacity. The CHP facility is dually permitted for normal operation using digester gas and for emergency operation using natural gas. This functionality saves the City the expense of renting seasonal diesel standby power capacity.

The CHP project qualified for the California Public Utilities Commission's Self-Generation Incentive Program (SGIP). The SGIP provides financial incentives for installing new, qualifying self-generation equipment installed to meet all or a portion of the electric energy needs of a facility. SGIP is administered by the utility providers. The project meets the efficiency and heat recovery requirements for "conventional CHP" and receives additional incentive for using biogas – considered an emerging technology. In all, the CHP Project received \$2.375 million (Figure 5).



Figure 4. Santa Rosa's CHP facility has four 1100-kW engines



Figure 5. Santa Rosa was awarded \$2.375M in funding for the CHP Facility through California’s Self-Generation Incentive Program

Biosolids Management Strategic Plan and High Strength Waste Receiving Facility (2015)

After installing the CHP facility, the City evaluated process enhancements to their wastewater solids treatment systems that could reduce operating costs, increase sustainability, and/or address future risks. The leading near-term recommendation from this plan was to increase digester gas production via codigestion of high strength waste (HSW). Prior to designing and constructing this facility, the City engaged local stakeholders, HSW generators and haulers to make sure the City’s receiving facility would receive adequate deliveries. Once the local need and project payback was confirmed, the City moved forward with a 40,000 gallon-per-day receiving facility. This capacity matches the City’s available digestion capacity, CHP Facility capacity, and local HSW disposal needs. The HSW facility includes four above-ground, cone-bottom tanks (Figure 5), two truck offloading connections, grit and contamination removal equipment and operating strategies, continuous HSW feed to the digesters integrated with the existing digester feed system, and foul air containment and odor control.

Within the first year, the facility received 6 million gallons of trucked HSW, increased gas production by 40% to allow operating an additional CHP engine, and saved the City approximately \$575,000 in operating costs from tipping fees and electricity savings. The project achieved a payback period of about 4 years.



Figure 6. Santa Rosa’s HSW Receiving Tanks

Microgrid Demonstration Project (In Progress)

The City is currently commissioning a microgrid demonstration project funded, in part, by the California Energy Commission. This project adds battery energy storage, a microgrid controller, and exhaust catalysts to the existing CHP system (Figure 7). The microgrid demonstration enables the City to participate in “day-ahead”, wholesale energy markets. This active participation in the electric grid (i.e., coordination with the California Independent System Operator (CAISO) and energy markets) offers greater value than time-of-use manipulation alone. Figure 8 illustrates the levels of energy storage operation. This demonstration builds on a program that already includes efficient engines, codigestion, and energy efficiency improvements.

The addition of exhaust catalysts to two of the four existing CHP engines allows these engines to comply with air permitting requirements for natural gas operation. The original permit issued by the Bay Area Air Quality Management District (BAAQMD) only allowed LTP to operate a maximum of two engines at any given time and restricted natural gas blending to 10 percent of the total fuel supply. These permit conditions effectively restricted the plant’s electricity generation capacity. With HSW codigestion, LTP can typically operate two engines without exceeding the 10 percent natural gas limit. If the HSW facility were ever to be out of service or if HSW deliveries were not available, LTP does not produce enough digester gas to run two engines at partial load. Only one engine could run, and the remaining digester gas would have to be flared. Under the new permit, LTP can run two engines on primarily digester gas with up to a 10% blend of natural gas and can operate the other two engines with any mixture of digester gas and natural gas.

This new natural gas fueling flexibility gives LTP more “deployable” power for microgrid operation, increased power production and cost savings, as well as increased flexibility for operating engines throughout a range of digester gas production.



Figure 7. Components of the City of Santa Rosa's Microgrid Demonstration facility – microgrid controller, battery energy storage, and selective catalytic reduction emissions control for natural-gas engine operation

Savings	Goal	Approach
\$	TOU Rate Gamesmanship: "Buy low, sell high"	Charge off peak Discharge on peak Reduce demand charges Pursue SGIP funds
\$\$	TOU Rate Gamesmanship + Solar or CHP	Increased payback thanks to renewable, self-charging strategy
\$\$\$	Demand Response, i.e. Enel X (formerly Enernoc)	Enroll with a Demand Aggregator to get paid to reduce demand at specific times
\$\$\$\$	Wholesale Energy Markets (CAISO)	Play in the day-ahead, real-time or congestion revenue rights markets

Figure 8. Batteries can provide more payback than just "buy low, sell high"

Summary

Santa Rosa is a prime example of an agency that has sought continuous improvement in the operation and economics of their biogas utilization. After installing an efficient, state-of-the-art facility, the City increased digester gas through codigestion and added microgrid elements to further leverage their assets and participate in emerging markets.

“Old Cogen is Dead” Scorecard:

- ✓ Codigestion for increased biogas production
- ✓ Natural gas blending for deployable power
- ✓ Battery energy storage
- ✓ Grant funding
- ✓ Electricity value beyond time-of-use

CASE STUDY: BENEFIT, AND RISK, IS PROPORTIONAL TO SIZE (REGIONAL SAN)

Background

The Sacramento Regional County Sanitation District (Regional San) provides wastewater conveyance and treatment services throughout Sacramento County in Northern California. Construction is currently underway on Regional San’s EchoWater project which will help this 124-million-gallon-per-day average-dry-weather-flow facility meet nutrient removal targets with a new tertiary treatment process.

Regional San, through the Sacramento Regional Wastewater Treatment Plant (SRWTP), has enjoyed a successful partnership with the Sacramento Municipal Utility District (SMUD) through the Central Valley Financing Authority (CVFA) for nearly 30 years. SRWTP delivers renewable biogas to SMUD in exchange for reliable utility and backup power, steam for digester heating, and revenue according to the terms of the existing Commodity Agreement. The original driver for the agreement was the co-location of the Carson Cogeneration Plant on the SRWTP site, where digester gas helped fuel the power plant, and steam from the power plant could be returned for digester heating. Despite honoring the terms of the Commodity Agreement (exchange of gas and steam), the benefits of co-location are no longer a driver for this arrangement. SMUD sends Regional San’s biogas offsite to its Consumnes Power Plant (via private pipeline), and steam for the digesters is often produced by a natural-gas-fueled auxiliary boiler instead of the Carson Cogen Plant. With the Commodity Agreement expiring in 2025, Regional San must negotiate extension terms or pursue an alternative biogas use.

Regional San is in the unique position of having the option for a fresh start on biogas utilization – they are also one of the largest WWTPs in North American without onsite cogeneration. As the expiration date of this agreement approaches, Regional San is evaluating the feasibility of onsite CHP, biomethane pipeline injection, or extension of the existing agreement through a Biogas Alternatives Feasibility Assessment. Regional San’s size and scale complicates their options in the following ways:

- The installed capacity of a potential CHP facility would exceed 5 megawatts and make the District ineligible for California’s renewable net metering tariffs.

- The amount of vehicle fuel the District could produce would fill more than 300 trucks per day, making onsite vehicle fueling impractical without additional biogas uses.

Covered Process Implications

Due to the current sale and offsite use of biogas, along with the volume of biogas contained onsite, Regional San's Gas Management System (GMS) is identified as a "covered" process, meaning that its operation and maintenance is subject to the California Accidental Release Program as outlined in CCR Title 19, Chapter 4.5. As a result, Regional San must comply with Risk Management Plan and Process Safety Management (RMP/PSM) requirements, which establish administrative processes to prevent and mitigate accidental digester gas releases. The level of effort associated with RMP/PSM compliance is significant. Regional San is one of very few wastewater treatment plants under these regulations. Exemption from these regulations via onsite biogas use or decreased volume is a key issue.

Biogas Alternatives Feasibility Assessment

The goal of the Biogas Alternatives Feasibility Assessment is to identify and analyze alternatives that would use biogas produced by Regional San in alignment with its mission statement of recovering resources from wastewater responsibly and cost effectively. Regional San's biogas is a renewable fuel that could deliver environmental benefits and value through a variety of uses:

- Onsite combined heat and power (CHP, cogeneration) using engine generators or gas turbines
- Biomethane pipeline injection
- Onsite vehicle fueling
- Commodity Agreement Extension

Commodity Agreement extension or biomethane pipeline injection would both continue Regional San's practice of selling biogas for offsite use and maintain the GMS's RMP/PSM covered process requirements. The biogas value through the Commodity Agreement was determined to be lower than other alternatives (and the required extension price would likely exceed the value to SMUD). Biomethane pipeline injection—for distribution and sale as vehicle fuel for compressed natural gas (CNG) vehicles—is currently incentivized by Federal and State renewable fuel credits; however, the credit values are market-driven and could decrease and significantly reduce the payback of a vehicle fuel project.

Biogas upgrading for onsite vehicle fueling delivers the highest value per unit of biogas but was not deemed practical based on the volume of fuel produced—10,000 diesel gallon equivalents (DGE) per day. This would require more than 300 CNG trucks per day to fuel at the SRWTP. No such fleet is located within reasonable distance, nor is it logistically feasible to fast-fill so many trucks. A smaller fueling facility was evaluated (targeting 30 trucks per day) using approximately 10 percent of the biogas, but this alternative was not economical.

An onsite CHP project is economically feasible and would remove the GMS from RMP/PSM covered process requirements via onsite fuel exemption. Engine-based CHP provides a better net present value (NPV) than gas turbines due to higher efficiency and more flexibility in sizing for duty and standby units. An engine generator CHP project would include:

- Six 2-megawatt (MW) engine generators
- Biogas conditioning system
- Engine exhaust treatment (oxidation catalyst and selective catalytic reduction)
- Hot water boilers (standby)
- New building

The engine generators would produce between 8 and 10 MW of power, which would offset utility power purchase. The sixth engine would serve as standby. Analysis confirmed sufficient onsite power demand accounting for the existing onsite photovoltaic system and the Regional San's involvement in SMUD's SolarShares program.

Summary

Regional San's Biogas Alternatives Feasibility Study demonstrates that risk is proportional to size – as a large facility, the impact of renewable fuel incentives (for biomethane pipeline injection, specifically) on 20-year net present value was greater than \$100M. This level of risk was unacceptable.

Regional San also demonstrates “economies of scale”. While smaller facilities often struggle to demonstrate payback for cogeneration projects, Regional San has the biogas production and electrical demand for a large-scale facility and positive value. A new, high-efficiency engine-based combined heat and power facility will have a higher overall efficiency (electrical and thermal) than the current commodity agreement.

“Old Cogen is Dead” Scorecard:

- ✓ Codigestion for increased biogas production
- ✓ New time-of-use rate analysis

CASE STUDY: VEHICLE FUEL IS KING, IF YOU HAVE A BUYER (FAIRFIELD-SUISUN SEWER DISTRICT)

Background

Fairfield-Suisun Sewer District's (FSSD) wastewater treatment plant in Fairfield, CA, processes an average of 14 million gallons per day of wastewater from domestic and industrial sources. Wastewater solids are anaerobically digested, dewatered and sent to an onsite thermal-chemical hydrolysis facility operated by Lystek. The resulting Class A biosolids liquid product is managed by Lystek for beneficial reuse.

Renewable Portfolio

FSSD currently operates two cogeneration engines that have the capability to produce up to 900 kilowatts (kW) and 400 kilowatts, respectively. Currently, both cogeneration engines have non-exporting interconnection agreements. Non-export agreements prohibit the cogeneration engines from exporting electric power outside the plant. The 400-kW engine is periodically operational and considered by the District to be unreliable. A major overhaul would be required to increase reliability.

FSSD has four onsite wind turbines, each with a nameplate output of 50 kW. The wind turbines, overall, produced on average about 25 kW over the last 12-month period.

FSSD purchases power via a Power Purchase Agreement (PPA) from a large onsite solar photovoltaic (PV) installation just north of the plant. The system has a nameplate capacity of 1 megawatt (MW) of power (1,000 kW). The PPA-based solar PV system is interconnected behind the District's meter via net metering 1 (NEM 1) tariff, which allows for export to the grid when producing more electricity than the plant is using at that moment. This exported energy is valued based on time-of-use (TOU) rate periods and provides a monetary credit on FSSD's utility bill. The solar PV system produced on average about 180 kW over the last 12-month period.

The plant receives a mix of dairy waste and candy waste from local industries. These HSW sources are delivered based on production at the source facility. The plant meters the waste to the digester in order to level the load and gas production and to promote overall digester stability. The current system consists of truck off-loading, storage, mixing, and conveyance pumping.

Biosolids Utilization Master Plan

FSSD is currently developing a Digester Feedstock and Biogas Utilization Master Plan. The goal of this plan is to identify opportunities to increase biogas production for economically viable utilization as a renewable fuel.

The following alternatives were identified for biogas use:

- Onsite combined heat and power (cogeneration) using the existing cogeneration engine (status quo), new engine generators, or microturbines
- Biomethane pipeline injection
- Onsite vehicle fueling
- Gas sale to an adjacent power plant.

Observations from the biogas utilization analysis include:

- FSSD must increase biogas production via codigestion of HSW for new biogas utilization alternatives to offer a positive net present value compared to the existing cogeneration operation.
- Biogas upgrading for onsite vehicle fueling delivers the highest value per unit of biogas but is contingent upon finding a compressed natural gas (CNG) fleet partner(s) with a daily fuel demand on the order of 1,500 diesel gallon equivalents (DGE) per day. With a fleet partner, onsite fast filling of CNG trucks, and a long-term agreement, onsite fueling offers the highest net present value benefit of any alternative.
- A new cogeneration engine offers the most benefit and highest level of service compared to status quo, engine rehab, microturbines, or biomethane pipeline injection. A new cogeneration engine project would include a new engine installed in the existing building, exhaust treatment, and new biogas conditioning system. The existing engine would remain for redundancy.

Summary

FSSD's existing renewable energy portfolio poses a status quo alternative that is hard to beat. Biogas upgrading for onsite vehicle fueling offers the highest net present value, but also requires a long-term partnership from a fleet operating compressed natural gas vehicles. If a partnership

cannot be arranged, a new cogeneration engine offers benefit over status quo if biogas production can be increased via codigestion.

“Old Cogen is Dead” Scorecard:

- ✓ Codigestion for increased biogas production
- ✓ New time-of-use rate analysis
- ✓ Net metering
- ✓ Vehicle fuel partnership

Marin Independent Journal



<http://www.lgvsd.org>



Legal Notice

Legal Notice

**NOTICE OF PUBLIC HEARING TO DISCUSS
PROPOSED ORDINANCE NO 184
AN ORDINANCE AMENDING TITLE 1,
CHAPTER 2 SANITARY CODE OF THE
LAS GALLINAS VALLEY SANITARY DISTRICT**

The Las Gallinas Valley Sanitary District will conduct a Public Hearing to discuss an ordinance amending Section 101 and Section 102 of Title 1, Chapter 2 of the Sanitary Code of the Las Gallinas Valley Sanitary District.

Section 101 - REGULAR MEETINGS
Section 102 - SPECIAL MEETINGS

This hearing will take place at the District office at 101 Lucas Valley Road, Suite 300, San Rafael on Thursday, August 6, 2020 at 4:30 PM. The proposed ordinance can be viewed on the District's website at www.lgvsd.org or at the District office posted at the front gate bulletin board from July 21 to August 6, 2020.

Dated: July 21, 2020

Mike Prinz
General Manager
Las Gallinas Valley Sanitary District

July 23 & 30, 2020

MAIL BOX 103

SAN FRANCISCO CA 94103

With much appreciation
for our Otter Spotters
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RiverOtterEcology.org

Mike Prinz, PE
Las Gallinas Valley Sanitary District
101 Lucas Valley Rd, #300
San Rafael, CA
94903

Thank you for sponsoring
our Art & Poetry Splash, your
support helps us keep our
watersheds healthy!

Best Wishes,

94903-175575

ROEP Crew

PO Box 103
Forest Knoll, CA 94933
RiverOtterEcology.org



Thank you very much for
your help shepherding the
sponsorship through, as well as for
your work with Sierra Club Marin.
We need more people like you!
Best Wishes,

ROEP Crew

Judy Schriebman
LG VSD Board of Directors
C/O Teresea Lerch
101 Lucas Valley Rd, #300
San Rafael, CA
94903



Common misunderstanding led to Mill Valley mistake

Marin Voice

By Doug Kelly

Mill Valley Mayor Sashi McEntee's handling of the racial- equity issue during public comment time at the Mill Valley City Council meeting on June 1 provoked a wave of criticism.

This unfortunate episode, in my opinion, stemmed not from a lack of empathy for the issue, but rather from her misunderstanding of the Brown Act law restricting California governments' handling of topics not on the agenda.

In response to a question during public during open-comment time asking what Mill Valley is doing to address racial justice, McEntee stated the council doesn't take up items not on the agenda unless they reflect an emergency. The mayor blew it and she knows it.

She is a woman of color and she has experienced the prejudice and discrimination that all people of color experience. I know her and I know her heart.

She should have handled that question at that time. She could have spoken about the government's duty to ensure the safety of all the people, which is a fundamental, inalienable right.

In my opinion, her mistake is due to poor training on the Ralph Brown Act, not by a lack

③ on an issue brought forth during open time if it isn't on the agenda unless it is an immediate emergency. The majority of towns, cities, boards and commissions, as well as the Marin County Board of Supervisors agenda state this half-truth on their official agendas. The boards I serve on have it right.

Even the official Marin County boards and commissions training film has it wrong. At the 12 minute, 39 second mark, the narrator states the following regarding the public's right to speak on any topic at Open Time. "It's important to note though that no action may be taken on any matter raised for the first time during open time since the item is not on the agenda and therefore no public notice of the pending action has been made."

Here's the actual portion of the Brown Act that applies (54954.2(a); "No action or discussion shall be undertaken on any item not appearing on the posted agenda, except that members of a legislative body or its staff may briefly respond to statements made or questions posed by persons exercising their public testimony rights under Section 54954.3. In addition, on their own initiative or in response to questions posed by the public, a member of a legislative body or its staff

⑤ When someone speaks during open time and their question is about the safety of all, this should always be addressed because people have a right to life, liberty and the pursuit of happiness and that can only be achieved when everyone feels protected.

I also hope that people in Marin will forgive McEntee for her mistake. I know that she greatly regrets how her error made people feel. She is committed to serving the public and ensuring the people feel safe and are safe. This is a common mistake made all the time over many years and could have been made by anyone. *Doug Kelly serves on the Ross Valley Sanitary Board, the Central Marin Sanitary Board and the Marin Emergency Radio Authority Governing Board.*

Poor understanding of the Brown Act is regrettably common among our elected officials.



2

of love for people or respect for the underlying issue of racial equity.

Poor understanding of the Brown Act is regrettably common among our elected officials.

I served on the San Anselmo Town Council. After being sworn in, I went to Sacramento for some basic training. I was told that a council member can't comment

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may ask a question for clarification, make a brief announcement, or make a brief report on his or her own activities. Furthermore, a member of a legislative body, or the body itself, subject to rules or procedures of the legislative body, may provide a reference to staff or other resources for factual information, request staff to report back to the body at a subsequent meeting concerning any matter, or take action to direct staff to place a matter of business on a future agenda."

I reached out to all mayors and town managers, as well as the Marin Board of Supervisors asking them to consider changing their agendas so that people have a true understanding of the law.

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