



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  
Robert Ruiz,  
Administrative Services Manager

## BOARD MEETING AGENDA

April 25, 2019

**MATERIALS RELATED TO ITEMS ON THIS AGENDA ARE AVAILABLE FOR PUBLIC INSPECTION DURING NORMAL BUSINESS HOURS AT THE DISTRICT OFFICE, 300 SMITH RANCH ROAD, SAN RAFAEL, OR ON THE DISTRICT WEBSITE [WWW.LGVSD.ORG](http://WWW.LGVSD.ORG)**

Estimated  
Time

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 April 11 and April 12, 2019
- B. Approve the Warrant List for April 25, 2019
- C. Approve Murray request to attend Managing Water in a Changing Climate April 22, 2019
- D. Approve Order of the Board that publication of Ordinance 176 has occurred

Possible expenditure of funds: Yes, Items B and C.

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

4:40 PM

**3. SET PUBLIC HEARING FOR PROPOSED ORDINANCE 177 AN ORDINANCE AMENDING TITLE 2, CHAPTER 1 SANITARY CODE OF THE LAS GALLINAS VALLEY SANITARY DISTRICT – CAPITAL FACILITIES CHARGE**

Board to review the proposed Ordinance 177 – An Ordinance Amending Title 2, Chapter 1 Sanitary Code of the Las Gallinas Valley Sanitary District which will update the capital facilities charge based on the inflationary adjustment as provided for in the Ordinance. Board to set a Public Hearing for Ordinance No 177, An Ordinance Amending Title 2, Chapter 1 Sanitary Code of the Las Gallinas Valley Sanitary District.

- 
- 4:55 PM**      **4. SET PUBLIC HEARING TO CONSIDER PROPOSED ORDINANCE 178 AN ORDINANCE AMENDING TITLE 1, CHAPER 7 TO THE ORDINANCE CODE OF THE LAS GALLINAS VALLEY SANITARY DISTRICT – THE CALIFORNIA UNIFORM CONSTRUCTION COST ACCOUNTING COMMISSION (CUCCAC)**
- Board to review the proposed Ordinance 178 – An Ordinance Amending Title 1, Chapter 7 to the Ordinance Code of the Las Gallinas Valley Sanitary District to provide informal bidding procedures under the Uniform Public Construction Cost Accounting Act. Board to set a Public Hearing for Ordinance No 178 – An Ordinance Amending Chapter 7 of Title 1 to the Ordinance Code of the Las Gallinas Valley Sanitary District to provide informal bidding procedures under the Uniform Public Construction Cost Accounting Act.
- 5:10 PM**      **5. CONSTRUCTION DISRUPTIONS TO RECLAMATION AREA ACCESS**
- Board and staff to discuss construction disruptions to the reclamation area.
- 5:25 PM**      **6. INFORMATION ITEMS:**
- A. STAFF/CONSULTANT REPORTS:
1. General Manager Report – Verbal
  2. Informational - LGVSD Paid Memberships
  3. Contract with ILS Associates, Inc for Overflow Parking Design of Secondary Treatment Plant Upgrade and Recycled Water Expansion
  4. Pump Station Submersible Pump Purchase
  5. Reclamation Irrigation Pump Overhaul
  6. Bulk Polymer Purchase
- 6:00 PM**      **7. BOARD REPORTS:**
1. LAFCO - Verbal
  2. Gallinas Watershed Council / Miller Creek Watershed Council– Verbal
  3. JPA Local Task Force on Solid and Hazardous Waste – Verbal
  4. Flood Zone 7 – Verbal
  5. NBWA – Written – Schriebman – JTC March 27 Summary
  6. NBWRA/North Bay Water – Verbal
  7. Engineering Subcommittee – Verbal
  8. Other Reports – Written – Murray - CASA -EPA MTG April 15<sup>th</sup> Summary
- 6:20 PM**      **8. BOARD REQUESTS:**
- A. Board Meeting Attendance Requests – Verbal
- B. Board Agenda Item Requests – Verbal
- 6:25 PM**      **9. VARIOUS ARTICLES AND MISCELLANEOUS DISTRICT CORRESPONDENCE**

6:30 PM

**10. ADJOURNMENT**

**FUTURE BOARD MEETING DATES – MAY 16, 2019, MAY 21, 2019, JUNE 6, 2019 AND JUNE 20, 2019**

AGENDA APPROVED:	Craig K. Murray, 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 April 22, 2019 at 4:30 p.m., I posted the Agenda for the Board Meeting of said Board to be held April 25, 2019 at the District Office, located at 300 Smith Ranch Road, San Rafael, CA.

DATED: April 22, 2019



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, 300 Smith Ranch Road, San Rafael.

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 APRIL 11, 2019

1  
2  
3 THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT MET IN OPEN  
4 SESSION ON APRIL 11, 2019 AT 4:07 PM, AT THE DISTRICT OFFICE, 300 SMITH RANCH ROAD,  
5 SAN RAFAEL, CALIFORNIA. THE BOARD PRESIDENT OPENED THE MEETING IN HONOR OF  
6 VOLUNTEER APPRECIATION WEEK APRIL 7-13 AND NATIONAL EARTH DAY APRIL 22.

7  
8 **BOARD MEMBERS PRESENT:** M. Clark, R. Elias, C. Murray, J. Schriebman and  
9 C. Yezman

10  
11 **BOARD MEMBERS ABSENT:** None.

12  
13 **STAFF PRESENT:** Mike Prinz , General Manager; Teresa Lerch, District  
14 Secretary; Robert Ruiz, Administrative Services Manager

15  
16 **OTHERS PRESENT:** Patrick Richardson, District Counsel;

17  
18 **ANNOUNCEMENT:** President Murray announced that the agenda had been  
19 posted as evidenced by the certification on file in  
20 accordance with the law.

21  
22 **PUBLIC COMMENT:** None.

23  
24 **ADJOURNMENT:**

25  
26 **ACTION:**

27  
28 THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT ADJOURNED TO  
29 CLOSED SESSION ON APRIL 11, 2019 , AT 4:08 PM, AT THE DISTRICT OFFICE, 300 SMITH RANCH ROAD,  
30 SAN RAFAEL, CALIFORNIA.

31  
32 Lerch left at 4:08 PM.

33  
34 **CLOSED SESSION:**

35  
36 **CONFERENCE WITH LABOR NEGOTIATOR:** – Agency designated representatives: General Manager  
37 and Administrative Services Manager; pursuant to Government Code Section 54957.6

38  
39 **ADJOURNMENT:**

40  
41 **ACTION:**

42 The Board of Directors of the Las Gallinas Valley Sanitary District came out of Closed Session on  
43 April 11, 2019 at 4:16 pm.

44  
45 **REPORT ON CLOSED SESSION:**

46 President Murray reported that there were no reportable actions in Closed Session and Regular Session  
47 opens at 4:30 pm and the Board will adjourn until that time.

48  
49 **ACTION:**

50 The Board of Directors of the Las Gallinas Valley Sanitary District reconvened the Regular Session on  
51 April 11, 2019 at 4:30 pm.

52  
53 **STAFF PRESENT:** Teresa Lerch, District Secretary; Mike Cortez, District  
54 Engineer; Greg Pease, Collections and Safety Manager  
55



56 OTHERS PRESENT: None.

57

58 PUBLIC COMMENT: None.

59

60 **PUBLIC HEARING FOR ORDINANCE NO. 176 AMENDING TITLE 2, CHAPTER 1 – SANITARY CODE**  
61 **OF THE LAS GALLINAS VALLEY SANITARY DISTRICT PUBLIC HEARING – TO CHANGE THE**  
62 **REGULAR BOARD MEETING DAY**

63

- 64 A. **OPEN PUBLIC HEARING** – President Murray opened the public hearing at 4:32 pm.  
65 B. **REVIEW DISTRICT STAFF RECOMMENDATIONS** – Board considered staff recommendations to  
66 amend Title 2, Chapter 1 Sanitary Code of the Las Gallinas Valley Sanitary District. Prinz commented.  
67 C. **BOARD COMMENT** – Discussion ensued.  
68 D. **PUBLIC COMMENT** – None.  
69 E. **CLOSE THE PUBLIC HEARING** – President Murray closed the Public Hearing at 4:33 P.M.  
70 F. **BOARD DETERMINATION AND ACTION**

71

72 **ACTION:**

73 Board approved (Yezman/Schriebman 5-0-0-0) Ordinance 176 Amending Title 2, Chapter 1 of the  
74 Sanitary Code of the Las Gallinas Valley Sanitary District – to change the Regular Meeting Day.

75

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

77 NOES: None.

78 ABSENT: None.

79 ABSTAIN: None.

80

81 **CONSENT CALENDAR:**

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

- 84 A. Approve the Board Minutes for March 28, 2019  
85 B. Approve the Warrant List for April 11, 2019  
86 C. Approve Board Compensation for March, 2019  
87 D. Approve Clark and Schiebman requests to attend Lobbying 101 Gov. Advocacy Training  
88 March 28th and Murray request to attend Wastewater Disinfection April 3rd and Ethics in  
89 Action April 10th .  
90 E. Approve Final Draft Newsletter – Spring 2019  
91 F. Approve Award of Contract for Marinwood Trunk Repair to Miksis Services Inc.

92

93 Items B, D, E and F was pulled for discussion and discussed.

94

95 **ACTION:**

96 Board approved (Clark/Schriebman 5-0-0-0) the Consent Calendar items A through F amending item D  
97 as Clark did not attend the Lobbying 101 Gov. Advocacy Training.

98

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

100 NOES: None.

101 ABSENT: None.

102 ABSTAIN: None.

103

104 **APPROVE CHANGE ORDER AUTHORIZATION – SECONDARY TREATMENT PLANT UPGRADE**  
105 **AND RECYCLED WATER EXPANSION**

106 Board and staff discussed the Change Order Authorization – Secondary Treatment Plant Upgrade and  
107 Recycled Water Expansion.

108

109

110

111

112 **ACTION:**  
113 Board approved (M/S Clark/Schriebman 5-0-0-0) the Change Order Authorization – Secondary Treatment  
114 Plant Upgrade and Recycled Water Expansion  
115 AYES: Clark, Elias, Murray, Schriebman and Yezman.  
116 NOES: None.  
117 ABSENT: None.  
118 ABSTAIN: None.  
119

120 **SEWER LATERAL ORDINANCE STATUS**  
121 Prinz and Pease did a presentation for the Board on the Sewer Lateral Ordinance Update. Discussion  
122 ensued.

123  
124 Murray left at 6:10 pm.

125  
126 The Board voted unanimously (4-0-1-0) to support the new approach.

127  
128 Pease left at 6:22 pm.  
129

130 **INFORMATION ITEMS:**

131 **STAFF / CONSULTANT REPORTS:**

- 132 1. General Manager Report – Verbal – Prinz reported. Board agreed that May 21 would be a  
133 Strategic Plan Special Board meeting.  
134

135 **BOARD REPORTS:**

- 136 1. LAFCO – Verbal – No report.  
137 2. Gallinas Watershed Council / Miller Creek Watershed Council – Verbal – Schriebman reported.  
138

139 Richardson left at 6:33 pm.  
140

- 141 3. JPA Local Task Force on Solid and Hazardous Waste – Verbal – no report.  
142 4. Flood Zone 7– Verbal – no report.  
143 5. NBWA  
144 Board Committee – Verbal – Clark reported.  
145 Executive Committee – Verbal – no report.  
146 JTC – Verbal – no report.  
147 6. NBWRA /North Bay Water – Verbal – no report.  
148 7. Engineering Subcommittee – Verbal – no report.  
149 8. Other Reports – Written – Schriebman reported on the Lobbying 101 Gov. Advocacy Training. Yezman  
150 verbally reported on the CA-NV AWWA Spring conference.  
151

152 **BOARD REQUESTS:**

- 153 A. Board Meeting Attendance Requests – none.  
154 B. Board Agenda Item Requests – Yezman requested a list of District Memberships.  
155

156  
157 **VARIOUS ARTICLES AND MISCELLANEOUS DISTRICT CORRESPONDENCE:**

158 Discussion ensued.  
159  
160  
161

162 **ADJOURNMENT:**  
163  
164  
165  
166  
167

168 **ACTION:**  
169 Board approved (M/S Schriebman/Clark 4-0-1-0) the adjournment of the meeting at 6:45 pm.  
170

171           AYES:     Clark, Elias, Schriebman and Yezman.  
172           NOES:     None.  
173           ABSENT:  Murray.  
174           ABSTAIN: None.

175  
176 The next Board Meeting is scheduled for April 12, 2019 at the District Office.  
177

178  
179 **ATTEST:**  
180

181  
182 \_\_\_\_\_  
183 Teresa Lerch, District Secretary  
184

185  
186 **APPROVED:**  
187

188  
189 \_\_\_\_\_  
190 Craig K. Murray, Board President  
191

192 **SEAL**

1 **SPECIAL MEETING MINUTES OF APRIL 12, 2019**

2  
3 THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT MET IN OPEN  
4 SESSION ON APRIL 12, 2019, AT 9:02 AM, AT THE DISTRICT OFFICE, 300 SMITH RANCH ROAD, SAN  
5 RAFAEL, CALIFORNIA.  
6

7 **BOARD MEMBERS PRESENT:** M. Clark, R. Elias, C. Murray, J. Schriebman and  
8 C. Yezman  
9

10 **BOARD MEMBERS ABSENT:** None.

11  
12 **STAFF PRESENT:** Mike Prinz, General Manager; Robert Ruiz, District  
13 Treasurer; Mike Cortez, District Engineer; Kristina Kempf,  
14 Administrative/Financial Specialist; Teresa Lerch, Board  
15 Secretary; Mel Liebmann, Plant Manager; Greg Pease,  
16 Collection and Safety Manager  
17

18 **OTHERS PRESENT:** None.

19  
20 **ANNOUNCEMENT:** President Murray announced that the agenda had been  
21 posted as evidenced by the certification on file in  
22 accordance with the law.  
23

24 **PUBLIC COMMENT:** None.  
25  
26

27 **INTRODUCTION OF PRELIMINARY 2019-20 BUDGET:**

28  
29 Ruiz and Prinz presented the Preliminary 2019-2020 Revenue, Operation and Maintenance, Reserves,  
30 Debt Service and Capital Outlay Budgets. Ruiz reported that the budgeted revenue is based on the same  
31 number of sanitary sewer units as 2018-19 and a maximum rate of \$ 927 per unit; noting this as the fifth  
32 year of a five-year rate increase based on the capital outlay plan adopted by the Board in June 2015.  
33 The Board and staff discussed income and expense trends including: personnel costs, insurance,  
34 operating, and general and administrative expenses. Debt service amounts were discussed. The Capital  
35 Outlay budget contains projects specifically identified in the Five Year plan for 2015/2016 through  
36 2019/2020 plus miscellaneous capital needs that change yearly.  
37

38 Staff will update the budget and bring it back for further review by the Board on May 16, 2019 after the  
39 preliminary calculations for the user charge for 2019-20 are prepared.  
40

41 The Public Hearing for the Budget and Sewer Service Charge is set for June 6, 2019 at 4:30 p.m.  
42

43 **ADJOURNMENT:**

44  
45 **ACTION:**

46 Board approved (M/S Yezman/Schriebman 5-0-0-0) the adjournment of the meeting at 11:20 a.m.  
47

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

49 **NOES:** None

50 **ABSENT:** None

51 **ABSTAIN:** None  
52  
53  
54  
55

56 The next Board Meeting is scheduled for Thursday, April 25, 2019 at 4:30 p.m. at the District's office.

57

58

ATTEST:

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\_\_\_\_\_  
Teresa Lerch, Board Secretary

63

64 APPROVED:

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\_\_\_\_\_  
Craig K. Murray, Board President

69



Las Gallinas Valley Sanitary District  
Warrant List  
04-25-19 DRAFT

Agenda Item 2B  
Date April 25, 2019

	Date	Num	Vendor	Amount	Description for items > \$1000
1	4/25/2019	EFT1	ADP, Inc.	TBD	Payroll and processing fees for paydate 04/25/19
2	4/25/2019	PC	County of Marin, Assessor's Office	112.00	
3	4/25/2019	ACH	A and P Moving Inc	84.70	
4	4/25/2019	TBD	Allied Heating and AC Co., Inc.	5,806.40	Retention release HVAC system replacement
5	4/25/2019	TBD	AT&T	5,418.24	04/07-05/06/19
6	4/25/2019	TBD	AT&T Teleconference Services	1.85	
7	4/25/2019	TBD	Bartle Wells Associates, Inc	1,455.00	March 2019 hours Rate Survey
8	4/25/2019	ACH	BWS Distributors, Inc.	207.10	
9	4/25/2019	ACH	CalPERS Fiscal Services Division	11,630.00	Pre-fund GASB
10	4/25/2019	EFT	CalPERS Health	23,883.53	May 2019
11	4/25/2019	ACH	Caltest Analytical Laboratory	3,258.52	Open purchase order for samples
12	4/25/2019	ACH	Core Utilities, Inc.	1,500.00	IT services March 2019
13	4/25/2019	ACH	Cornerstone Environmental Group, LLC	6,844.39	BERS project work thru 2/22/19
14	4/25/2019	ACH	Diego Truck Repair, Inc.	345.72	
15	4/25/2019	EFT	Direct Dental Administrators, LLC	1,241.91	Dental claims
16	4/25/2019	EFT	Discovery Benefits	477.77	
17	4/25/2019	TBD	DNG Enterprises, Inc.	122.82	
18	4/25/2019	ACH	Downing Heating & Air Conditioning, Inc.	285.68	
19	4/25/2019	ACH	Du-All Safety, LLC	2,408.00	Monthly safety agreement
20	4/25/2019	ACH	Elias, Rabi	200.00	
21	4/25/2019	ACH	EOA, Inc.	15,998.82	Regulatory permit services
22	4/25/2019	ACH	Fishman Supply Co.	167.06	
23	4/25/2019	ACH	Gexpro	14,606.00	WWTP Main circuit breaker (spare)
24	4/25/2019	ACH	Hanford ARC	6,283.38	Lower Miller Creek year 1 revegetation maintenance (Mar 2019)
25	4/25/2019	ACH	Jenfitch	32,410.71	JC 1679 Bulk Polymer 4,500 gallons
26	4/25/2019	TBD	K.J. Woods Construction, Inc.	293,911.45	Sewer Main Rehab 2018 Progress #4
27	4/25/2019	ACH	Kenwood Energy	536.25	
28	4/25/2019	TBD	Liebert Cassidy Whitmore	754.15	
29	4/25/2019	TBD	Miksis Services, Inc	8,420.00	Mulligan Trunk Sewer Point Repair
30	4/25/2019	TBD	Miller Pacific Engineering Group	4,376.00	STPURWE Construction svcs for retaining wall & supplemental Geotech svcs (2/25-4/7/19)
31	4/25/2019	ACH	Murray, Craig	125.00	
32	4/25/2019	TBD	North Bay Petroleum	2,646.48	Fuel
33	4/25/2019	TBD	Operating Engineers Local No. 3	384.02	
34	4/25/2019	ACH	Orion Protection Services Group, Inc.	318.50	
35	4/25/2019	TBD	Pacific Gas & Electric	89,027.56	STPURWE tariff related work
36	4/25/2019	TBD	Pacific Gas & Electric - 0580531718-6	6,096.21	2/27-3/27/19
37	4/25/2019	TBD	Pacific Gas & Electric CDX7397590484 SOLR	19.05	
38	4/25/2019	TBD	Rachel Z Kamman, PE	9,077.80	Miller Creek (repair, maintain, modify) (2/1-3/31/19)
39	4/25/2019	ACH	Regional Government Services Authority	1,981.80	Consulting services
40	4/25/2019	ACH	Retiree Augusto	187.74	
41	4/25/2019	ACH	Retiree Burgess	598.00	
42	4/25/2019	ACH	Retiree Cummins	187.74	

Las Gallinas Valley Sanitary District  
Warrant List  
04-25-19 DRAFT

	Date	Num	Vendor	Amount	Description for items > \$1000
43	4/25/2019	ACH	Retiree Cutri	462.74	
44	4/25/2019	ACH	Retiree Emanuel	258.83	
45	4/25/2019	ACH	Retiree Gately	224.41	
46	4/25/2019	ACH	Retiree Guion	224.41	
47	4/25/2019	ACH	Retiree Johnson	632.90	
48	4/25/2019	ACH	Retiree Kermoian	187.74	
49	4/25/2019	ACH	Retiree Mandler	187.74	
50	4/25/2019	ACH	Retiree McGuire	563.00	
51	4/25/2019	ACH	Retiree Memmott	187.74	
52	4/25/2019	ACH	Retiree Petrie	163.37	
53	4/25/2019	ACH	Retiree Pettey	187.74	
54	4/25/2019	ACH	Retiree Provost	258.83	
55	4/25/2019	ACH	Retiree Reetz	511.48	
56	4/25/2019	ACH	Retiree Reilly	187.74	
57	4/25/2019	ACH	Retiree Vine	187.74	
58	4/25/2019	ACH	Retiree Wettstein	598.00	
59	4/25/2019	ACH	Retiree Williams	598.00	
60	4/25/2019	ACH	Schriebman, Judy	577.44	
61	4/25/2019	ACH	Terryberry	153.58	
62	4/25/2019	ACH	Univar USA Inc.	7,353.89	Chemical deliveries
63	4/25/2019	ACH	Yezman, Crystal	200.00	
			TOTAL	\$ 567,304.67	



Agenda Item 2C  
Date April 25, 2019

## BOARD MEMBER MEETING ATTENDANCE REQUEST

Date: 4/2/19 Name: MURRAY, ERIC K.

I would like to attend the MANAGING WASTEWATER IN A CHANGING CLIMATE Meeting  
of PUBLIC POLICY INSTITUTE OF CALIFORNIA

To be held on the 22 day of APRIL from 12 a.m. / p.m. to  
22 day of APRIL from 130 a.m. / p.m.

Actual meeting date(s): APRIL 22, 2019

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

Purpose of Meeting: NEW REPORT REVIEW;  
POLICY IMPROVEMENT DISCUSSION

Other meeting attendees: 1

Meeting relevance to District: CA WASTEWATER SECTOR POLICY

Frequency of Meeting: 1X

Estimated Costs of Travel (if applicable): MILEAGE PARKING

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.



Agenda Item 2D  
Date April 25, 2019



### ORDER REGARDING PUBLICATION

The Board of Directors finds that Ordinance 176, unanimously passed by the Board, was published in the Marin Independent Journal on April 17, 2019 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 Treatment Plant  
300 Smith Ranch Road  
San Rafael, California 94903
2. Las Gallinas Valley Sanitary District Web Site  
[www.lgvsd.org](http://www.lgvsd.org)

Executed on this 25<sup>th</sup> Day of April 2019, at San Rafael, Marin County, California.

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Craig K. Murray  
Board President

**Marin Independent Journal**

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

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

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

**STATE OF CALIFORNIA  
County of Marin**

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

04/17/2019

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

Dated this 17th day of April, 2019.

*Donna Lazarus*

Signature

**PROOF OF PUBLICATION**

Legal No. 0006324688

**BOARD OF DIRECTORS OF THE  
LAS GALLINAS VALLEY SANITARY DISTRICT  
ORDINANCE NO. 176**

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

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

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

**ARTICLE 1. MEETINGS**

**Section 101. Regular Meetings.** The Regular Meetings of the Board of the Las Gallinas Valley Sanitary District shall be held on the first and third Thursdays of each and every calendar month starting at 4:30pm.

(a) Closed Sessions of Regular Meetings or Regular Meetings of the Board of Directors shall be held on the same date as a scheduled Regular Meeting, typically beginning at a time before the regularly noticed time for said Regular Meeting, which is indicated in the properly Board Meeting Agenda. However, a Closed Session may also be scheduled at another time during a 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."

**ARTICLE 2. ADOPTION AND NOTIFICATION**

This Ordinance shall take effect and be in force seven (7) days from the date of its passage and publication. 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 full, true, and correct Summary 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 April 11, 2019, by the following vote of members thereof:

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

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

**APPROVED:**

/s Craig K. Murray, Board President

No.549 April 17, 2019



Consent \_\_\_\_\_  
 Staff/Consultant Reports \_\_\_\_\_  
 Agenda Item 3  
 Date April 25, 2019

# Agenda Summary Report

**To:** Mike Prinz, General Manager *MBP*  
**From:** Michael P. Cortez, PE, District Engineer  
**Mtg. Date:** April 25, 2019  
**Re:** Proposed Ordinance 177 – Amendment to Title 2, Chapter 1, Sanitary Code of the Las Gallinas Valley Sanitary District

**BACKGROUND:**

The existing Ordinance 173, Title 2, Chapter 1 adopted on June 28, 2018 requires a periodic update to maintain parity of the Capital Facilities Charge (CFC) in current dollar value. The Ordinance utilizes a base Engineering News Record (ENR) San Francisco City Index of 11,726 (July 2017). The July 2018 ENR Index for San Francisco is 12,051. The CFC and the connection fee per additional plumbing fixture unit (PFU) will be adjusted in the same proportion as the change in the ENR Index.

- CFC will be adjusted from \$6,056 to \$6,224.
- Connection Fee per additional PFU when the addition or alteration causes the existing structure to exceed twenty (20) PFUs will be adjusted from \$303 to \$311.

**PROPOSED AMENDMENT:**

Attached is the proposed Ordinance No. 177, which amends Article IX, Section 907 of Title 2, Chapter 1 of the Ordinance Code.

**STAFF RECOMMENDATION:**

Board set a Public Hearing for Ordinance No 177, An Ordinance to Amending Title 2, Chapter 1, Sanitary Code of the Las Gallinas Valley Sanitary District on June 20, 2019.

**FISCAL IMPACT:**

Capacity Fee Revenue Increase: \$168 for CFCs and \$8 for PFUs.

**PERSON(S) TO BE NOTIFIED:**

N/A



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

**ORDINANCE 177  
AN ORDINANCE AMENDING 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 of ~~\$6,056~~ \$6,224 per Equivalent Sewer Unit ("E.S.U.") to the District prior to connection.

\*\*\*\*\*

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 of Three Hundred ~~Three~~ Eleven

Dollars (~~\$303~~ \$311) per Plumbing Fixture Unit (PFU) added shall be charged.

\*\*\*\*\*

D) Adjustment. To maintain parity of the Capital Facilities Charge in current-dollar values, the charge will be reviewed periodically. Any adjustments, if necessary, shall be passed by ordinance as follows:

- 2) The base ENR Index, as of the adoption of this Ordinance, is ~~11,726~~ 12,051 (July ~~2017~~ 2018).

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 one (1) week 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 June 20, 2019, by the following vote of members thereof:

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

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

APPROVED:

\_\_\_\_\_  
Craig K. Murray, Board President

(seal)



Consent \_\_\_\_\_  
 Staff/Consultant Reports \_\_\_\_\_  
 Agenda Item 4  
 Date April 25, 2019

# Agenda Summary Report

**To:** Mike Prinz, General Manager *MP*  
**From:** Michael P. Cortez, PE, District Engineer  
**Mtg. Date:** April 25, 2019  
**Re:** Proposed Ordinance 178 – Amendment to Title 1, Chapter 7, Sanitary Code of the Las Gallinas Valley Sanitary District

**BACKGROUND:**

The existing Ordinance 174, Title 1, Chapter 7 adopted on June 28, 2018 allows for periodic update based on California Uniform Construction Cost Accounting Commission (CUCCAC) approved adjustments. The CUCCAC recommended the following changes effective as of January 1, 2019:

- a) The change would allow projects costing \$60,000 or less to be performed by employees of a public agency by force account, by negotiated contract, or by purchase order;
- b) The change would allow projects costing up to \$200,000 to be contracted by informal bidding procedures; and projects costing over \$200,000 are subject to the formal bidding process.

The noted increases are pursuant to the provisions and benefits found in the Uniform Public Construction Cost Accounting Act (Act), which provides public agencies economic benefits and greater freedom to expedite public works projects. A new resolution adopting the change in legislation is not required because the District is currently subject to the Act.

**PROPOSED AMENDMENT:**

Attached is the proposed Ordinance No. 178, which amends Article 2, Section 205 and Attachment 1 of Title 1, Chapter 7 of the Ordinance Code.

**STAFF RECOMMENDATION:**

Board set a Public Hearing for Ordinance No 178, An Ordinance to Amending Title 1, Chapter 7, Sanitary Code of the Las Gallinas Valley Sanitary District on June 20, 2019.

**FISCAL IMPACT:**

N/A

**PERSON(S) TO BE NOTIFIED:**

N/A



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

**ORDINANCE 178**

**AN ORDINANCE AMENDING TITLE 1, CHAPTER 7,  
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 1, Chapter 7, Section 205, of the Ordinance Code of the Las Gallinas Valley Sanitary District, is amended to read as follows:

**ARTICLE 2. PURPOSE AND SCOPE**

~~Section 205. If all bids are in excess of one hundred seventy five thousand dollars (\$175,000), the District may, by a resolution of a four fifths vote, award the contract at one hundred eighty seven thousand dollars (\$187,000) or less, to the lowest responsible bidder, if it determines the cost estimate of the District was reasonable.~~

Section 2. Attachment 1 of Title 1, Chapter 7 of the Ordinance Code of the Las Gallinas Valley Sanitary District, is amended to read as follows:

**ATTACHMENT 1**

The table below shows the CUCCAC amounts for the three Tiers referenced in Ordinance ~~2018-174~~ 2019-178, as of ~~May 2018~~ June 2019. The General Manager will update the Tier amounts after the CUCCAC approves adjustments.

**Table 1**

	<b>CUCCAC</b>
Tier 1	Less than <del>\$45,000</del> \$60,000
Tier 2	Between <del>\$45,000</del> \$60,000 to <del>\$175,000</del> \$200,000
Tier 3	Greater than <del>\$175,000</del> \$200,000

Section 3. 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 one (1) week of said publication and posting.

Section 4. 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 June 20, 2019, by the following vote of members thereof:

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

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

APPROVED:

\_\_\_\_\_  
Craig K. Murray, Board President

(seal)





Consent \_\_\_\_\_  
 Staff/Consultant Reports \_\_\_\_\_  
 Agenda Item 5  
 Date April 25, 2019

# Agenda Summary Report

**To:** LGVSD Board of Directors  
**From:** Mike Prinz, General Manager *MAD*  
**Mtg. Date:** April 25, 2019  
**Re:** Construction Disruptions to Reclamation Area Access

## BACKGROUND:

Construction of the Secondary Treatment Plant Upgrade and Recycled Water Expansion project (Project) is ramping up due to the cessation of winter rains. This increase in construction activity is directly linked to an increase in construction traffic.

Numerous members of the public have developed a great deal of interest in the District's reclamation area over the years and, consequently, frequent the area, often triggering parking on the shoulder of Smith Ranch Road outside the District's relatively small reclamation parking area. Shoulder areas and the reclamation parking area were identified in the Project's construction documents as off-limits for Contractor staging and parking in order to reserve space for public parking during the Project.

Staff are taking steps to improve line of sight as well as pedestrian access in the vicinity of the treatment plant and Project site and are coordinating implementation of traffic controls within and adjacent to the reclamation area. Additionally, the City of San Rafael is implementing permanent signage improvements along Smith Ranch Road and has committed to providing the District with additional temporary construction signs and recommendations regarding installation locations.

Specific deliveries of construction materials and equipment to the Project site will require intermittent closures of portions of Smith Ranch Road. These anticipated closures continue to be communicated to the public through signage, kiosk pamphlets and, most recently, a public email update protocol established by Data Instincts, who is helping the District with public outreach related to the Project.

The Contractor, Myers and Sons Construction, has requested full closure of public access to the reclamation area for approximately 8 or more months due to traffic safety concerns, however no other traffic control plan alternatives have been presented to the District yet. One way traffic control is feasible to implement on Smith Ranch Road, and alternate routes within the reclamation area are available to separate pedestrians from construction staging activity within the reclamation area. Staff are continuing discussions with the Contractor and construction manager along these lines.



Closure of the reclamation access area per the Contractor's request is inconsistent with the construction contract documents, would likely be met with a substantially negative public response due to the popularity of the reclamation area, and would be inconsistent with messaging previously provided to the public.

**STAFF RECOMMENDATION:**

Staff requests that the Board discuss acceptability of potential long term closure of the reclamation area and advise staff as to their closure preferences. Staff believes that sufficient traffic control alternatives exist that would negate the need to implement a long term, full closure.

**FISCAL IMPACT:**

N/A.

**PERSON(S) TO BE NOTIFIED:**

N/A

**4/25/2019**

**General Manager Report**

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



Consent \_\_\_\_\_  
Staff/Consultant Reports 6A2  
Agenda Item \_\_\_\_\_  
Date April 25, 2019

# Agenda Summary Report

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**To:** Mike Prinz, General Manager  
**From:** Robert D. Ruiz, Administrative Services Manager  
**Mtg. Date:** April 25, 2019  
**Re:** Informational - LGVSD Paid Memberships.

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## BACKGROUND:

Attached is a membership list that is included in the 2019-2020 Budget. This also includes the requesting department. The total request was for \$49,500, but the General Manager has requested that we add memberships to the Bay Area Biosolids Coalition (BABC) and the California Special Districts Association (CSDA). The total request in next year's budget with these additions will be \$56,000.

## STAFF RECOMMENDATION:

Staff is requesting guidance on this matter.

## FISCAL IMPACT:

N/A.

## PERSON(S) TO BE NOTIFIED:

N/A

**Las Gallinas Valley Sanitary District**  
**Transaction Detail By Account**  
 July 1, 2018 through April 14, 2019

2400 · General and Administrative  
 2272 · Memberships

Name	Debit	Admin	Engineering	Collections	Laboratory	Plant	Total Exp	Variance
AMAZON.COM	108.00	108.00					108.00	-
AMERICAN SOCIETY OF CIVIL ENGINEERS	295.00		295.00				295.00	-
AMERICAN SOCIETY OF CPAs	450.00	450.00					450.00	-
AMERICAN WATER WORKS ASSOCIATION	705.00	105.00				600.00	705.00	-
BACWA (BAY AREA CLEAN WATER AGENCIES)	6,837.00	6,837.00					6,837.00	-
BAYWORK (Bay Area	765.00					765.00	765.00	-
BIOENERGY ASSOC OF CA	2,750.00					2,750.00	2,750.00	-
CALIFORNIA SOCIETY OF CPAs	410.00	410.00					410.00	-
CASA (CALIF.ASSN.OF SANITATION AGENCIES)	13,370.00	13,370.00					13,370.00	-
CWEA -CA WATER ENVIRONMENT ASSOC	3,845.00		85.00	1,710.00	650.00	1,400.00	3,845.00	0.00
EAST BAY MUNI UTILITY DISTRICT	6,807.00					6,807.00	6,807.00	-
GOVERNMENT FINANCE OFFICERS ASSOCIATION	160.00	160.00					160.00	-
IPMA (INTERNATIONAL PUBLIC MANAGEMENT ASSOC. FOR HR)	149.00	149.00					149.00	-
NASSCO, INC. (JANITORIAL SUPPLIES GROUP)	295.00			295.00			295.00	-
NORTH BAY WATERSHED ASSN.	5,239.08					5,239.08	5,239.08	-
SANTA VENETIA NEIGHBORHOOD ASSOCIATION	30.00	30.00					30.00	-
SOCIETY FOR HUMAN RESOURCE MANAGEMENT	494.00	494.00					494.00	-
UNDERGROUND SERVICE ALERT	1,339.76			1,339.76			1,339.76	-
WATER ENVIRONMENT FEDERATION	830.00		320.00			510.00	830.00	-
WATEREUSE ASSOCIATION	1,016.50	1,016.50					1,016.50	-
WERF (WATER ENVIRONMENT RESEARCH FNDTN	2,909.50	2,909.50					2,909.50	-
WESTCAS ADMINISTRATIVE SERVICES	825.00	825.00					825.00	-
	<b>48,071.84</b>	<b>26,201.00</b>	<b>405.00</b>	<b>3,344.76</b>	<b>650.00</b>	<b>17,471.08</b>	<b>48,071.84</b>	<b>0.00</b>
<b>NEW MEMBERSHIPS - 2019-2020</b>								
BAY AREA BIOSOLIDS COALITION (BABC)	1,500.00	1,500.00					1,500.00	-
CSDA (CALIFORNIA SPECIAL DISTRICTS ASSOC.)	5,802.00	5,802.00					5,802.00	-
	7,302.00	7,302.00	-	-	-	-	7,302.00	-
<b>TOTAL BUDGET REQUEST</b>	<b>55,373.84</b>	<b>33,503.00</b>	<b>405.00</b>	<b>3,344.76</b>	<b>650.00</b>	<b>17,471.08</b>	<b>55,373.84</b>	





Consent \_\_\_\_\_  
Staff/Consultant Reports 6A3  
Agenda Item \_\_\_\_\_  
Date April 25, 2019

# Agenda Summary Report

**To:** Mike Prinz, General Manager  
**From:** Michael P. Cortez, PE, District Engineer  
**Mtg. Date:** April 25, 2019  
**Re:** Contract with ILS Associates, Inc. for Overflow Parking Design of Secondary Treatment Plant Upgrade and Recycled Water Expansion

## BACKGROUND:

Public parking adjacent to the Plant and Reclamation area is not sufficient to prevent somewhat haphazard "overflow" parking on shoulder areas of Smith Ranch Road on a regular basis. This general deficiency, when coupled with the anticipated intensity of construction traffic operated with the Secondary Treatment Plant Upgrade and Recycled Water Expansion Project (STPURWE) project, has prompted staff to increase public safety and long-term parking capacity by developing areas adjacent to the existing parking lot.

In response to staff's request, ILS Associates, Inc. (ILS) has submitted a proposal in the amount of \$23,800 to provide engineering services for Overflow Parking Design. The overflow parking will provide for additional public parking by bringing to grade the vacant District property adjacent to the existing reclamation area parking lot and creating new temporary parking stalls along the east Lower Miller Creek levee adjacent to the fresh water marsh pond. Scope of work includes the preparation of grading, drainage, and site plans, including permit preparation and assistance for Bay Conservation and Development Commission (BCDC) and other regulatory agencies having jurisdiction. ILS is the ideal consultant to design the project because of its familiarity with the drainage issues in the area.

The fee estimates for the proposed tasks is within the budget allocation for STPURWE shown in the revised LGVSD 2018-19 Budget dated December 13, 2018.

## STAFF RECOMMENDATION:

For information only. The contract amount is within the authority of the General Manager under Section F-90-90 (Consultants) of the LGVSD Purchasing Policy; hence, a competitive RFP is not required.

## FISCAL IMPACT:

Not to exceed \$23,800

## PERSON(S) TO BE NOTIFIED:

ILS Associates, Inc.



ILS ASSOCIATES, INC.  
CIVIL ENGINEERING AND LAND SURVEYING

March 27, 2019

Las Gallinas Valley Sanitary District  
300 Smith Ranch Road  
San Rafael, CA 94903  
Attn: Irene Huang

RE: Overflow Parking Lot Grading Plans & BCDC Application, Our File No. 9348.09

Dear Ms. Huang,

As requested, ILS Associates, Inc. is pleased to provide you with a proposal to prepare grading plans for the overflow parking lot and BCDC application for that work. Our work will involve reviewing the following:

- DAC Report for geological information
  - BKS Survey Data for the design
  - Comments received for the previous permit application filed by BKF for the reclamation parking lot project
  - 90% Design Plans by BKF
1. We will prepare grading, drainage and site plans, including cross sections for temporary parking during construction in Area 1 and permanent parking up to Station 24+00 south of existing bench in Area 2. Plans for permanent parking will optimize parking spaces and will include bio-retention and bio-filtration pond, if necessary. The plans will show the wetland delineation limits. We will also prepare a BCDC application.
  2. Following review by District staff, we will make application to BCDC and address any other agencies requirements.

Item #1 will be performed at a fixed fee at \$20,800.00. Item #2 will be performed on the time and material basis, based on our standard hourly rates with an allowance of \$3,000.00 for this work.

If you any questions or desire additional information.

Sincerely,



Irving L. Schwartz, C.E.

ILS/cl



Consent \_\_\_\_\_  
Staff/Consultant Reports 6A4  
Agenda Item \_\_\_\_\_  
Date April 25, 2019

# Agenda Summary Report

To: Mike Prinz, General Manager *MP*  
From: Mel Liebmann, Plant Manager  
Mtg. Date: April 25, 2019  
Re: Pump Station Submersible Pump Purchase

## BACKGROUND:

A pump that serves the Venetia Harbor Pump Station recently failed and has been replaced with a spare. A spare pump needs to be ordered to replace the pump that has been placed into service.

After reviewing all spare pumps in inventory, staff believe that it would be prudent to add a second spare 10 horsepower (HP) submersible pump to inventory. The 10 HP submersible Flygt pumps are the most common pumping units that the District operates in the collections system. The availability and delivery of Flygt pumps can take as long as 10 weeks after purchase. A second 10 HP pump in inventory will increase system reliability by reducing the risk associated with long lead times. An additional pump in inventory will also provide staff with increased flexibility in scheduling pump replacements.

## STAFF RECOMMENDATION:

Pursuant to District Policies and Procedures Manual F-90-40 Purchasing Authority, this purchase has been authorized by the General Manager. "For Purchases in excess of \$15,000, staff will inform the Board of Directors regarding the item as soon as administratively feasible."

Flygt Pumps are listed in LGVSD Board Resolution No. 2010-1898 as previously authorized sole source procurement items.

## FISCAL IMPACT:

\$23,136

## PERSON TO BE NOTIFIED:

None, Information only.





Consent \_\_\_\_\_  
 Staff/Consultant Reports GAS  
 Agenda Item \_\_\_\_\_  
 Date April 25, 2019

# Agenda Summary Report

To: Mike Prinz, General Manager *MDP*  
 From: Mel Liebmann, Plant Manager  
 Mtg. Date: April 25, 2019  
 Re: Reclamation Irrigation Pump Overhaul

## BACKGROUND:

Pumps that serve the District's irrigation pastures utilized during the reclamation season have been in service for over 30 years. In order to ensure reliability and restore efficiency, these pumps require a complete overhaul or possibly replacement depending on the quality of the rebuildable components. This overhaul is the first of five pumps being scheduled for overhaul or replacement within the next 18 months. The following pump replacement schedule describes the replacement timing for all pumps.

Pasture Irrigation Pump	Scheduled Replacement
#4 (60 Horsepower Vertical Turbine)	First Quarter 2019 (currently being overhauled)
#3 (60 Horsepower Vertical Turbine)	Third Quarter 2019
#5 (60 Horsepower Vertical Turbine)	Fourth Quarter 2019
#2 (15 Horsepower Vertical Turbine)	Fourth Quarter 2019
#1 (15 Horsepower Vertical Turbine)	First Quarter 2020

## STAFF RECOMMENDATION:

Pursuant to District Policies and Procedures Manual F-90-40 Purchasing Authority, this purchase has been authorized by the General Manager. "For Purchases in excess of \$15,000, staff will inform the Board of Directors regarding the item as soon as administratively feasible."

## FISCAL IMPACT:

\$16,651.60

## PERSON TO BE NOTIFIED:

None, Information only.



Consent \_\_\_\_\_  
Staff/Consultant Reports 6A6  
Agenda Item \_\_\_\_\_  
Date April 25, 2019

# Agenda Summary Report

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To: Mike Prinz, General Manager *MSP*  
From: Mel Liebmann, Plant Manager  
Mtg. Date: April 25, 2019  
Re: Bulk Polymer Purchase

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## BACKGROUND:

The District uses a cationic polymer for copper control and to enhance sludge settling to meet suspended solids permit requirements during storm events when influent flow exceeds secondary treatment capacity. On April 8th, the District received 4,500 gallons of bulk polymer.

## STAFF RECOMMENDATION:

Pursuant to District Policies and Procedures Manual F-90-40 Purchasing Authority, this purchase has been authorized by the General Manager. "For Purchases in excess of \$15,000, staff will inform the Board of Directors regarding the item as soon as administratively feasible."

## FISCAL IMPACT:

\$34,800.99

## PERSON TO BE NOTIFIED:

None, Information only.

## 4/25/2019 BOARD REPORTS

### Agenda Item 7.1

#### LAFCO

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

### Agenda Item 7.2

#### Gallinas Watershed Council/Miller Creek Watershed Council

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

### Agenda Item 7.3

#### JPA Local Task Force on Solid and Hazardous Waste

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

### Agenda Item 7.4

#### Flood Zone 7

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

### Agenda Item 7.5

#### NBWA

- a) Board Committee
- b) Executive Committee
- c) JTC - Written

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

### Agenda Item 7.6

#### NBWRA/North Bay Water

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

### Agenda Item 7.7

#### Engineering Subcommittee

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

## **4/25/2019 BOARD REPORTS**

### **Agenda Item 7.8**

#### **Other Reports – Murray - CASA EPA MTG April 15 Summary**

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

*Agenda Item* 7.5C  
*Date* April 25, 2019

NBWA Joint Technical Committee  
March 27 Summary

Attendees:

Matt Sagues, Marin Municipal Water District  
Jack Gibson, MMWD  
Judy Schriebman, Las Gallinas Valley Water District  
Kelly White, GHD  
Sandy Gouldman, Friends of Corte Madera Creek  
Jeff Schreiber, Sonoma RCD  
Judy Kelly, NBWA  
Chris Choo, Marin County [Chair]  
Rob Carson, MCSTOPP  
Will Stockard, MCSTOPP  
Lucas Patzek, Napa RCD

Chris reminded the Committee that we are working to help the Association set up a discussion of the One Water concept, among ourselves, and in conjunction with the Board.

Today we are brainstorming questions that were sent as part of today's agenda, looking for ways our organizations can potentially work cross jurisdictions under a One Water concept.

Matt mentioned that Prop 68 money is coming soon and suggested we develop the One Water ahead of the grants in the area of water supply/water resources. He mentioned a number of funding agencies came to Marc Levine's Prop 68 town hall recently for information on available grants. The slides and funding opportunities presented are found here:

<https://a10.asmdc.org/event/20190315-funding-opportunities-and-planning-tools-conservation-north-bay>

Also, the Resource Agency's most recent Funding Opportunities spreadsheet is at:  
<http://resources.ca.gov/wp-content/uploads/2018/12/Final-Agency-Grants-and-Loans.pdf>

The Green Infrastructure grant program is launching soon. It may be more natural resource focused than water focused, but might be worth a look:

<http://resources.ca.gov/grants/green-infrastructure>

Sandy noted that stormwater should be part of a One Water approach and commented that Marin groundwater is important to base stream flow. She is concerned that well permits are issued and the relationship to flow and fish not considered. Green infrastructure is one way we can get stormwater better integrated.

Rob mentioned that the Regional Board is developing a new stormwater permit. The North Bay will either stay under the Phase II program or move under the full Municipal Regional Permit [MRP] in the next iteration. Rob noted that there would be PCB and Mercury actions required under whatever new permit comes out. Discussions are ongoing with the Regional Board. By 2021, the expectation is that the permittees will need to develop green



infrastructure plans. MCSTOPP has developed a manual for the County on ways to recognize and implement green infrastructure opportunities. Southern Sonoma, Russian River, and Marin Co. have already self-certified their plans. The State now needs a concurrence review on the plans. We expect implementation funds this summer.

Kelly noted that Monterey is collecting stormwater all across the country, and she mentioned Measure W passed in LA, which is a tax on impervious surfaces, the money to be used for green infrastructure. These efforts can serve as models also. Napa is already pursuing a community service district and San Rafael has done one as well. CSD's as model; has taxing authority. Governed by state code. Changing boundary is a LAFCO issue. Can you manage all the resources within that CSD—fire, flood, etc? A decentralized system is another aspect to consider, as is reducing/removing stormwater/floodwaters from higher in the watershed through rainwater capture, spreading basins, detention ponds, etc. SF is a model for this, and has implemented LID principles - big buildings in designated areas are now required to deal with water on-site.

We discussed the challenges of how NBWA can help support the One Water concept with four member counties and many organizations. Perhaps as a first phase, NBWA can pursue studies, good models, and draft ordinances that can be shared across the region. Another challenge is that sewer agencies are overwhelmed by big storms; WWTPs are generally only looking at taking runoff from smaller rains for recycling/treating.

Lucas has been thinking about the need for better wildfire/forest management/water integration. We lack good forest hydrological information in this region [Matt mentioned we couldn't access Calfire money without better data] -- unlike the greater amount of data we have on the Sierra watersheds. He also mentioned that the North Coast RCDs just got funding for a new regional watershed coordinator to cover the Eel River down to Marin, and said that working with the NBWA would be part of that effort. The local RCDs also just went through an MOU process to facilitate better cooperation. Matt added he would like a map of what resources are at stake. The issues over the Potter Valley project have highlighted some regional differences. If we better understand where all the water resources are and what's at stake for each agency, we could perhaps better support other member's projects if water reliability was at stake. How and under what circumstances can we act outside our own agency to support others?

Chris reiterated that we need to build up NBWA agency staff involvement in the JTC to help us answer questions such as - what are the gaps that can be appropriately filled by region wide efforts? She mentioned that NBWA did coordinate a regional grant, although that was a strain on the fiscal managers and perhaps not efficient. She asked the group to think about how can we best identify gaps and work to fill those gaps. How can we help this group function more coordinated way?

At the last meeting we talked about each county starting a conversation about county-wide resources and needs. Since Napa is just finishing this up, Lucas agreed to review that process with us in May and also reminded the group about the May 16th Napa Symposium in downtown Napa NBWA and asked us to help promote the event.

#### Action Items

- 1) Matt will forward information about the Prop 68 workshop and the grant-tracking list [items now included in this summary]
- 2) Lucas will lead the discussion at the next JTC meeting in May and review how Napa conducted its review of needs and gaps
- 3) Dates were reconfirmed for JTC meetings and locations for 2019: all Wednesdays – May 22, July 24, September 25, November 27<sup>th</sup>, and all the meetings will be at the MCSTOPP Marin offices.
- 4) Send Judy K suggestions for improvements and functionality of website.
- 5) Homework for group: What resources are at stake? What opportunities are there? Where might we use shared resources: Ex: Marin sewage agencies collaborate monthly on generators/equipment/education/outreach. That structure could be modeled elsewhere. Ask what are the most important resources and issues from our agency's perspective? Priorities?

Agenda Item 7.8  
Date April 25, 2019

**Teresa Lerch**

---

**From:** Craig Murray <Craig\_Murray@ci.richmond.ca.us>  
**Sent:** Monday, April 15, 2019 1:14 PM  
**To:** Teresa Lerch  
**Subject:** FW: Draft Meeting Summary  
**Attachments:** CASA-EPA Mtg Summary 041519.docx

Teri  
Please include in next Board packet.  
Thanks.  
Craig

---

**From:** Greg Kester [mailto:gkester@casaweb.org]  
**Sent:** Monday, April 15, 2019 11:43 AM  
**To:** Resek, Elizabeth; Bastian.Robert@epa.gov; 'Behl. gov'; Carey Johnston; Colleen Foster; Bill Long; Craig Murray; rduncan@oroloma.org; mmcgill@centralsan.org; csudduth@wcd.org; swank@irwd.com; sstanley@wcd.org; hwiener@wcd.org; Layne Baroldi; Jim Dunbar  
**Cc:** Bobbi Larson; Eric Sapirstein  
**Subject:** Draft Meeting Summary

Hello everyone – I apologize for not getting this completed sooner, but please find attached a draft summary of our meeting between USEPA and CASA during our DC Conference on February 26<sup>th</sup>. Please let me know if you have any edits, additions or comments. Thanks for the informative meeting and for any input you can offer on the summary. Thanks again - Greg

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## CASA / EPA meeting Agenda

February 26, 2019

11:00 AM – 12:30 PM

**CASA held an informative meeting with USEPA during DC Conference.** CASA members met with numerous EPA staff on February 26<sup>th</sup> in Washington DC for a productive information exchange on a variety of topics. Attendees included the following:

Liz Resek (EPA/OST) EPA Biosolids Program Lead  
Betsy Behl (EPA/OST) Director, Health and Ecological Criteria Division  
Bob Bastian (EPA / OW/OW/OWM)  
Carey Johnston (EPA / OECA)  
Bruce Kobelski (EPA/OW)  
Hannah Hosimer (EPA)  
Aspen Flynn (EPA)

Greg Kester (Director of Renewable Resource Programs - CASA)  
Rita Duncan (Board of Directors – Oro Loma SD)  
Craig Murray (Board of Directors - Las Gallinas Valley SA)  
Peer Swan (Board of Directors – Irvine Ranch WD)  
Mike McGill (Board of Directors – Central San)  
Bill Long (Board of Directors – Novato SD and CASA Board of Directors)  
Colleen Foster (Environmental officer – City of Oceanside)  
Cheryl Sudduth (Board of Directors – West County WD)  
Sherry Stanley (Board of Directors – West County WD)  
Harry Wiener (Board of Directors – West County WD)  
Layne Baroldi (VP Tech Services – Synagro)  
Jim Dunbar (GM - Lystek)

Items discussed and main points are inserted into the agenda below:

1. Overview of biosolids management, legislative mandates, Kern litigation, and emerging issues in California – Greg Kester (CASA)

CASA provided a summary of biosolids. Almost 700,000 Dry Metric Tons of biosolids were produced in 2017 and CASA provided a summary of biosolids management methods employed, which included 62% of our biosolids being used for land application, 30% at landfills with 20% used as Alternative Daily or Final Cover at landfills and 10% buried as disposal, and 3% each for incineration and surface disposal. CASA provided updates on how the wastewater community can help California achieve its laudable mandates and goals by 2020 and beyond, though noted there are challenges. These include: (1) providing 60 percent of the State's energy needs from renewable sources by 2030; (2) reducing carbon dioxide equivalent emissions to 1990 levels by 2020 and 40% below those levels by 2030; (3) reducing the carbon intensity of transportation fuel used in the State by 20% by 2030; (4) reducing short lived climate pollutants, including methane; in part by diverting 50% of organic waste from landfills by 2020 and 75% by 2025, compared to 2014 values, and reducing

methane emissions by 40% below 2013 levels by 2030. The Governor's Healthy Soils Initiative introduced several years ago is intended to ensure sustainable agriculture for future generations of Californians and biosolids help meet all of its objectives.

The diversion requirement poses a challenge for the wastewater sector, since 30% of the biosolids produced currently go to landfills either as ADC or for burial. We noted that the wastewater sector can help the state meet its objectives and is recognized by the state as a key partner. We estimate that using mostly existing infrastructure, at least 75% of food waste currently landfilled could be co-digested at wastewater plants. By doing so, we will produce far more biogas and slightly more biosolids. It is critical then that markets exist for both products. We noted how we are working proactively with state agencies as regulations are being developed and are pleased that language is included in the first iteration of regulations to ensure such markets are incentivized. Language includes limits on local ordinances such that they are no more restrictive than federal (40 CFR part 503) or state regulations (General Order or site specific WDRs), to ensure land application is viable throughout the entire state. Draft regulations also require jurisdictions procure products from their diverted organics. Products include compost and renewable fuel. We continue to stress the need to expand eligible products to include all biosolids suitable for land application and all beneficial uses of biogas (on-site power, pipeline injection, electricity export as well as renewable fuel). We also noted various cross media issues and points of conflict between the Clean Air Act and the Clean Water Act. This includes the ability to utilize biomethane produced in our digesters and from co-digestion of other organic waste streams. Some air districts in severe non-attainment for ozone impose extremely restrictive emission limits on internal combustion engines which make it very costly or infeasible to utilize their methane. We noted that the Public Utilities Commission lowered the heating value requirement for pipeline injection such that it could become a much more cost effective option.

2. Biosolids Program Update (risk assessment & biennial review) – Liz Resek and Betsy Behl (OST)

Liz informed us that the top priority of the EPA's Biosolids Program is to assess potential risk of pollutants found in biosolids and the current focus is to complete the tools and obtain the necessary data needed to do the assessments. The EPA is in the process of finalizing the Biosolids Screening Tool (formerly referred to as the BCRAM screening tool). It has been scientifically peer reviewed and still needs to go through public review. Once completed and publicly reviewed, risk screening can begin (anticipated 2020). Based on the three EPA national sewage sludge surveys and the biennial review process, over 350 pollutants have been found in biosolids and need to be screened provided there are sufficient data. If a chemical fails screening, then a refined risk assessment will be completed. The refined risk assessment will be done using a probabilistic risk assessment (PRA) modeling framework (formerly referred to as BCRAM). That framework is in the process of being revised and once completed, risk assessments for the first 10 pollutants (identified as part of the EPA's 2003 response to the NAS biosolids report) will be completed and undergo public review. The first 10 pollutants include: barium, beryllium, manganese, silver, 4-Chloroaniline, fluoranthene, pyrene, nitrate and nitrite. Work on the PRA modeling framework and risk assessments on the first 10 pollutants has been on hold with all efforts and resources going towards completing the screening tool in order to initiate screening.

The 2016-2017 Biennial Review is complete and undergoing EPA senior management review. It should be posted to the EPA's website soon. Both the 2013 and 2015 biennial reviews are posted on the Agency website.

3. Biosolids Office of Inspector General (OIG) Report Status – Liz Resek

Liz noted that the resolution process is ongoing between the Office of Water and the OIG and there has been no resolution on 4 of the 13 recommendations and corresponding corrective actions made in the final report. Liz recommends we review Appendix D of the final OIG report which contains EPA's detailed comments and responses to the first draft of the OIG report. Greg indicated that CASA and other Associations may hire the W 3170 research group to craft a credible science-based response to the report. Liz confirmed that they did not oppose that approach. NOTE: since the meeting Greg has in fact approached W 3170 and is working to formalize an agreement to respond. CASA's response to the report, filed jointly with other Associations, is available at this link: <https://casaweb.org/wp-content/uploads/2015/12/11-29-18-Joint-Comments-to-OIG-1.pdf>

4. Agency Action on Perfluorinated Compounds (PFAS) – Hannah Hosinger (Office of Drinking Water)

Hannah gave a brief overview of PFAS and their ubiquitous uses. These include fire fighting foams, non-stick cookware, stain resistant products, pizza boxes, popcorn bags, fabrics, carpets and many others. She noted that the office of Drinking Water will be adopting Maximum Contaminant Levels (MCLs) for PFOA and PFOS in drinking water by the end of 2019. They are also looking at some of the other congeners but it is unclear if MCLs will be developed for them. Clean up standards for the analysis in other matrices are difficult. Analytical method development for effluent are underway by RCRA and we have learned since the meeting that round robin validation has been completed and peer review is underway. Betsy noted that PFCs are constituents of interest for which data is lacking. PFCs are being evaluated throughout the agency. They have mainly been discontinued in the US but legacy issues remain. Betsy acknowledged that concentrations are much higher (exponentially) in household dust and other exposures than in biosolids. The exception is where PFCs were manufactured and waste was poorly managed or improperly discharged to sewerage systems and all recognized that it is primarily a source issue and not a biosolids issue. We stressed the need for accurate and sensitive communication so as not to sensationalize the issue or inappropriately indicate a problem where none exists. Much work will continue in this area across the agency and research world.

5. Electronic reporting rule for biosolids, update on how it went and next steps – Carey Johnston (EPA / OECA)

Carey noted that the 2018 reporting period had just concluded on February 19<sup>th</sup> and it improved for the third straight year. There were only 25 paper submittals this year compared to 640 in 2017, which was the first year of electronic reporting.

Of critical importance is that all data will be publicly available around the end of March through the Enforcement and Compliance History Online (ECHO) website. A message will be sent to all CASA members to review their data to ensure its accuracy. Data can be tracked at [Echo@EPA.gov](mailto:Echo@EPA.gov). If any errors are identified, contact should be made with the Region 7 Center of Excellence at [R7\\_Biosolids\\_Center@EPA.gov](mailto:R7_Biosolids_Center@EPA.gov) to correct them.



Since the Office of Transportation and Air Quality (OTAQ) had nothing new to report, we deleted the Renewable Fuel Standard Issue from the agenda. Briefly the issue is that biogas from sewage sludge digestion which is converted to transportation fuel is awarded the highest value Renewable Identification Number (RIN) cellulosic fuel credit (D3). However, when introducing food waste, FOG, or other organic waste directly into the digester the RIN credit is devalued to an Advanced biofuel (D5) credits. The D5 value fluctuates between about 10 and 25% of the value of a D3 credit. CASA has since sent a letter to Administrator Wheeler, requesting intervention. It is available at this link: <https://casaweb.org/wp-content/uploads/2019/03/3-25-19-A-Wheeler-RINS-ltr.pdf>

6. Demonstration project for using biosolids to reclaim fire ravaged land – support and insight on funding opportunities. – Greg Kester (CASA)

CASA provided a brief overview of our anticipated research/demonstration project to use biosolids to reclaim fire ravaged land. We are working with UC Riverside and USEPA Region 9 to reclaim land at the Las Virgenes Compost Facility in Calabasas and should begin soon. The project has been accepted as a targeted collaborative research project with the Water Research Foundation who is now administering it. EPA remains very interested in this project and recognizes its value. \$82,500 has been raised from CASA members and we are hopeful of securing an additional \$200,000 from the California legislature. We are seeking another site in the Bay Area and will also return to Colorado where a site was reclaimed in the late 1990's, and is still intact, to evaluate long term benefits. We will use a biosolids compost, heat dried pellets, Class B cake, and a control site.

7. Consideration of new Underground Injection Codes (UIC) for deep well injection project. – Bruce Koberski noted that only the City of Los Angeles is utilizing this option at this time. They are evaluating its viability in other locations and whether others might utilize it in the future. Unless others do so, it is unlikely that they will make a change to the UIC codes but they are working with the technology purveyors to evaluate it.



**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. and  
returning on \_\_\_\_\_ day of \_\_\_\_\_ from \_\_\_\_\_ a.m. / p.m.

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

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

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

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

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

-----  
**For Office Use Only**

Request was  Approved  Not Approved at the Board Meeting held on \_\_\_\_\_.



**4-25-2019**

**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



Agenda Item 9  
Date April 25, 2019

GOVERNMENT FINANCE OFFICERS ASSOCIATION  
**NEWS RELEASE**

**FOR IMMEDIATE RELEASE**

03/27/2019

**For more information contact:**  
**Michele Mark Levine, Director/TSC**  
**Phone: (312) 977-9700**  
**Fax: (312) 977-4806**  
**E-mail: [mlevine@gfoa.org](mailto:mlevine@gfoa.org)**

(Chicago, Illinois)--The Certificate of Achievement for Excellence in Financial Reporting has been awarded to **Las Gallinas Valley Sanitary District** by Government Finance Officers Association of the United States and Canada (GFOA) for its comprehensive annual financial report (CAFR). The Certificate of Achievement is the highest form of recognition in the area of governmental accounting and financial reporting, and its attainment represents a significant accomplishment by a government and its management.

An Award of Financial Reporting Achievement has been awarded to the individual(s) or department designated by the government as primarily responsible for preparing the award-winning CAFR.

The CAFR has been judged by an impartial panel to meet the high standards of the program, which includes demonstrating a constructive "spirit of full disclosure" to clearly communicate its financial story and motivate potential users and user groups to read the CAFR.

*Government Finance Officers Association is a major professional association servicing the needs of over 20,000 appointed and elected local, state, and provincial-level government officials and other finance practitioners. It provides top quality publications, training programs, services, and products designed to enhance the skills and performance of those responsible for government finance policy and management. The association is headquartered in Chicago, Illinois, with offices in Washington, D.C.*



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Executive Director

*Christopher P. Morrill*

Date March 27, 2019



April 8, 2019

The Honorable Dianne Feinstein  
United States Senate  
331 Hart Senate Office Building  
Washington, DC 20510

The Honorable Ken Calvert  
United States House of Representatives  
2205 Rayburn  
Washington, DC 20515

Dear Senator Feinstein and Congressman Calvert,

In 2016, due to your steadfast efforts, Congress established a competitive grant program within the U.S. Bureau of Reclamation's (USBR) Title XVI Water Reclamation and Reuse program to provide federal cost-share grant funding for water recycling projects in the arid West. As you know, Title XVI is the only active federal program with water recycling as its sole purpose. We write today to thank you for your tenacious support for the program, and to ask you to help secure increased funding for the Title XVI-WIIN program in particular in FY 2020.

There is a large and growing backlog of \$528 million of federal cost share for eligible Title XVI-WIIN projects, and the demand for Title XVI-WIIN grants will continue to grow as more projects become eligible. Title XVI-WIIN is an integral part of the federal funding partnership with local communities throughout the West to ensure they have safe and sustainable water supplies to meet demand. This is especially true in California, which has received the vast majority of Title XVI funding.

Given the critical role that water reuse will play in California's future water management, and given the overwhelming demand for Title XVI-WIIN projects across the West, we ask that you help secure \$100 million for this program in FY 2020.

Thank you for considering our request. If you have any questions, please do not hesitate to contact any of the signatories below.

Sincerely,

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Craig Miller  
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Joseph B. Zoba  
General Manager  
Yucaipa Valley Water District  
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**Teresa Lerch**


**From:** Craig Murray <Craig\_Murray@ci.richmond.ca.us>  
**Sent:** Monday, April 8, 2019 10:50 AM  
**To:** Teresa Lerch; Mike Prinz  
**Subject:** FW: New York passes statewide organics recycling

Please add this Biogas News to next Agenda Packet.  
In particular the Julia Levin interview on CA's Organic Waste.  
Thanks.  
CKM

**From:** ABC Biogas News [mailto:ABCBiogasNews@multibriefs.com]  
**Sent:** Thursday, April 04, 2019 3:30 PM  
**To:** Craig Murray  
**Subject:** New York passes statewide organics recycling

This message was sent to craig\_murray@ci.richmond.ca.us

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April 4, 2019



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## FEATURED BIOGAS NEWS

[New York passes statewide organics recycling](#)



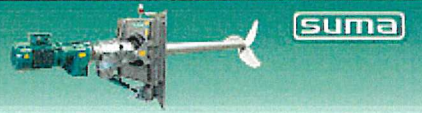


ABC via LinkedIn

Thank you American Biogas Council members for taking action to make New York the seventh state to pass an organics recycling law! Thank you Gov. Andrew Cuomo, Sen. Kaminsky and Assemblyman Englebright for your leadership. What's in the law? Any food waste generator within 25 miles of an organics recycling facility (biogas or compost system), must separate food scraps from other solid waste by doing the following: ensure proper storage for food scraps on site which shall preclude such materials from becoming odorous or attracting vectors; have information available and provide training for employees concerning the proper methods to separate and store food scraps; and any food generator that generates an average of two tons per week of food scraps must either: (1) hire a hauler (2) self-haul its food scraps, or (3) provide for on-site organics recycling. The ABC sees a huge potential for project development in New York! [READ MORE](#)

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## Biogas from organic waste could replace 90% of the diesel fuel used in California



Biogas Channel

"If we used all the organic waste available, we could produce approximately 350 billion m3 of biogas per year, equivalent to 2 billion gallons of petrol and enough to replace 90% of the diesel fuel used in California." As affirmed by Julia Levin, executive director of the Bioenergy Association of California, an ABC member, it is clear that the potential of biogas production in California is very high. In this interview, Julia provides an overview of all the current policies supporting the sector. [READ MORE](#)

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## As lawmakers dig into future of Ohio's energy sector, nuclear officials warn against allowing plant closures



Ohio Watchdog

Diversifying Ohio's energy production portfolio could create new jobs and help keep utility prices steady for ratepayers. Installing anaerobic digesters at water resource recovery facilities, also known as wastewater treatment plants, in the Buckeye State allows them to generate biogas for conversion to electricity or motor fuel. That, in turn, can provide revenue streams that cover the cost of improvements without the need to increase rates. Quasar is updating a WRRF plant in Waterville. When it comes online this summer, the project will manage enough biomass to meet its plants' needs, which equals the demands of 830 houses, and deliver a net annual energy savings of roughly \$700,000, according to Alan Johnson, vice president of project management and development for Quasar Energy Group. [READ MORE](#)

## Manure is big business at Oregon's largest dairy with conversion to natural gas



The Bullvine

Boardman's Threemile Canyon Farms is partnering with a Portland investment fund in a \$55 million project to convert methane from the waste produced by its 70,000 cows into natural gas, which will be sold to power buses

# The breakthrough that could actually reverse climate change



Blue Planet

*This article is published in partnership with:*



So we need to have a little talk about concrete.

We take it for granted, but concrete is the foundation (no pun intended) of countless buildings, homes, bridges, skyscrapers, millions of miles of highways, and some of the most impressive feats of civil engineering the world has ever known. It's the most widely-used human-made substance on the planet.

It also happens to be incredibly bad for the climate. Portland cement, the most commonly used base (the goop that gets mixed with sand and gravel, or aggregate, to form concrete), is made with limestone that is quarried and then heated to staggeringly high tem-



peratures — releasing huge amounts of carbon dioxide in the process. Add to that all the fuel burned to mine and crush the aggregate, and you’ve got a climate disaster.

By some accounts, concrete alone is responsible for 4-8 percent of the world’s CO<sub>2</sub> emissions. And it’s only getting worse. Between 2011 and 2013, China used more cement than the United States used in all of the 20th century — about enough to pave paradise and put up a parking lot the size of Hawaii’s Big Island. Cement production worldwide could [grow another 23 percent by 2050](#).

It’s no secret that we have already blown past the levels of climate-altering pollution that scientists warn could have catastrophic effects on life as we know it. We set a new CO<sub>2</sub> record just last month, notching 411.66 parts per million of CO<sub>2</sub> in the air in Mauna Loa, Hawaii — far higher than the 300 parts per million that is the highest humans have ever survived long-term.

But a solution on the horizon could switch up the math completely. A new method of creating concrete actually pulls CO<sub>2</sub> out of the air, or directly out of industrial exhaust pipes, and turns it into synthetic limestone. The technique, which has already been demonstrated in California, is part of a growing effort to not just slow the advance of climate change, but to reverse it, restoring a safe and healthy climate for ourselves and future generations.

To do that, the [Foundation for Climate Restoration](#) estimates that a trillion tons of CO<sub>2</sub> must be removed from our atmosphere *on top* of additional efforts to curb emissions. The National Academies of Science agrees that [“negative emissions technologies,” as they’re known, are essential](#).

It’s a massive undertaking, but if we change how we think about concrete, capturing a trillion tons of CO<sub>2</sub> may not be so pie-in-the-sky after all.

Enter Brent Constantz, a Silicon Valley entrepreneur and marine geologist, who once treated [cardiovascular calcification](#) and created bone cements (used in operating rooms to mend broken limbs) by mimicking the process that corals and shellfish use to create their own shells. His patents and products are used by doctors around the world.

Developing and testing new medical procedures was perilous work, Constantz said, although the drive to cure terminal illnesses outweighed many of the risks involved. That

passion lead Constantz to launch a company in 2012 called [Blue Planet](#), based in Los Gatos, California. Its goal is “economically sustainable carbon capture.”

The company’s technology, like his previous work, builds on the power of corals. Corals turn millions of teeny polyps into stunning, full-grown reefs through a process known as biomineralization, Constantz explained. Inspired by this phenomenon, he developed a similar [“low-energy mineralization”](#) technique that turns captured CO<sub>2</sub> into the same bony stuff that corals secrete: calcium carbonate.

Blue Planet’s process starts with collecting CO<sub>2</sub> and dissolving it in a solution. In the process, the company creates carbonate that reacts with calcium from waste materials or rock to create calcium carbonate. Calcium carbonate happens to be the main ingredient in limestone. But rather than superheating it to create cement (which would release all that CO<sub>2</sub> right back into the atmosphere), Constantz and his team turn the resulting stone into pebbles that serve as aggregate.

This is easiest to do where there’s lots of CO<sub>2</sub> — smokestacks at factories, refineries and power plants, for example — but it can also come from “direct air capture,” using less concentrated air anywhere, a technology whose costs are rapidly declining.

Do this on a large scale, Constantz said, and you could help satiate the growing global demand for rock and sand, and make a massive dent in the climate crisis at the same time: Every ton of Blue Planet’s synthetic limestone contains 440 kilograms of CO<sub>2</sub>. While it still needs to be mixed with cement (the goopy stuff) to make concrete, using this in place of gravel or stone that needs to be quarried and crushed creates a finished product that is carbon neutral, if not carbon-negative, according to the company.

The [annual use of aggregate](#) is over 50 billion tons and growing fast. Making it from synthetic limestone instead of quarried rock could sequester 25 billion tons a year — meaning that, in 40 years, this solution alone could remove a trillion tons of CO<sub>2</sub> from the air, enough to restore pre-industrial levels.

And while most other methods of sequestering carbon are good for only a short time, limestone is completely stable, Constantz said. “If we look at the Earth, there’s limestone that is millions of years old, like the White cliffs of Dover.”

Blue Planet’s limestone, created using emissions collected from the Moss Landing Power Plant on Monterey Bay and other sources, has already been [added to concrete](#) in areas of



San Francisco International Airport. Constantz expects to open its first commercial production facility in the Bay Area within the year, producing a little over 300,000 tons of rock annually with CO<sub>2</sub> captured from an adjacent power plant's exhaust stack.

Constantz dreams of having thousands of plants up and running by 2050, with most of the resulting rock being used by government agencies to construct roads and buildings. "Even the poorest countries in the world are still mining rock in open pit mines, and that's an important aspect to what we're doing," he said. "There is already funding out there that is paying for rock. I'm not talking about increasing government spending a bit."

The Foundation for Climate Restoration estimates that getting 30,000 Blue Planet plants running by 2030 would create enough CO<sub>2</sub> removal capacity to remove all the excess CO<sub>2</sub> from the atmosphere.

The Foundation is part of a growing movement for [climate restoration](#), whose goal is to restore a climate with a CO<sub>2</sub> concentration below 300 ppm, and rebuild the Arctic ice. Those actions, its leaders say, will get us back to a climate more like the one our grandparents or great-grandparents lived in.

The bottom line? We're inching closer toward an uninhabitable planet of our own making — [even faster than once thought](#). To get ourselves back on track, we need to continue curbing our emissions to avoid making the problem worse. At the same time, we'll need to remove a trillion tons of CO<sub>2</sub> from the atmosphere, says Peter Fiekowsky, Founder of the Foundation for Climate Restoration.

"We all want to restore a safe and healthy climate for ourselves and future generations," Fiekowsky says. "Mobilizing commitments from diverse stakeholders is required for success in any global endeavor, especially one as important as climate restoration. The explicit goal is what makes restoration possible now when it seemed impossible before."

*This article is sponsored by the [Foundation for Climate Restoration](#), a nonprofit partnering with local governments, NGOs and communities around the world to launch ecosystem restoration projects at restoration scale. Its [Healthy Climate Alliance](#) is an education, networking, and advocacy program to advance these goals.*

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# Marin Independent Journal



jleeparkhurst@hotmail.com

Legal Notice	Legal Notice
<p align="center"><b>NOTICE INVITING SEALED BIDS FOR PROVIDING SERVICES FOR BIOSOLIDS REMOVAL AND SURFACE INJECTION (1,000,000 GALLONS MINIMUM) DURING FISCAL YEAR 2019-2020</b></p>	
<p><b>NOTICE IS HEREBY GIVEN</b> that for and on behalf of the District Board, the General Manager of the Las Gallinas Valley Sanitary District, Marin County, California, will receive sealed bids up to, but not later than <b>10:45 AM on May 3, 2019</b>, for providing services for biosolids removal and surface injection at the District's dedicated biosolids disposal site during the twelve month period July 1, 2019 to June 30, 2020. Bids must conform to specifications that can be obtained from the office of the Las Gallinas Valley Sanitary District, 300 Smith Ranch Road, San Rafael, CA 94903 (415) 472-1734.</p>	
<p>Said sealed bids shall be delivered to the General Manager of the District on or before said date and time, at the District office, 300 Smith Ranch Road, San Rafael, CA 94903. Any bids received after the scheduled closing time for receipt of bids shall be returned unopened. Bids will be publicly opened and examined on said day and hour by the General Manager or his authorized representative and will be referred to and considered by the Las Gallinas Valley Sanitary District Board of Directors at their meeting to be held at 4:30 PM on May 16, 2019 at its regular meeting place.</p>	
<p>Bids shall be submitted on the form provided by the District and attached hereto and shall be enclosed in a sealed envelope bearing the name of the bidder and marked "BID FOR PROVIDING SERVICES FOR BIOSOLIDS REMOVAL AND SURFACE INJECTION (1,000,000 gallons minimum)". If submitting sealed bids for more than one service contract, EACH service contract must be enclosed in a separately sealed and appropriately labeled envelope.</p>	
<p>The District Board may, at its discretion, reject any and all bids or waive any irregularities or informalities in any bid or in the bidding.</p>	
<p>DATED: April 12, 2019</p>	
<p>Las Gallinas Valley Sanitary District</p>	
<p align="center">By _____ Mike Prinz General Manager</p>	
<p>NO. 529 APRIL 15, 22, 2019</p>	



## ID OF DIRECTORS

Phone numbers are in the 415 area code unless otherwise noted. Questions? Please contact the appropriate Board member.

President	Barbara Salzman 924-6057
Vice President	Lowell Sykes 388-2821
Secretary	Everett Clark 789-9224
Treasurer	Susan Winston 949/632-0908
Conservation	Phil Peterson 828-4780 Barbara Salzman 924-6057
Field Trips	Jane Medley 559/760-1551
Membership	William Legge 388-7883
Public Outreach, Social Media	Elyse Omernick 694-2320
Publicizing	Everett Clark 789-9224
Member Series	Lowell Sykes 388-2821
Special Projects	Jude Stalker 680-6291
Publicizing	Phil Peterson 828-4780
<i>The Rail</i>	Bob Hinz 383-8688
Website	
Publicity Management	Ed Nute 669-7710
Member Coordinator	John Perone 279-6550
Reps	Lowell Sykes 388-2821 Barbara Salzman 924-6057

## DIRECTORS MEETINGS

Meetings open to members. If you wish to attend, please call 924-6057.

Next Meeting: First Tuesday of the month at the Audubon Bay Audubon Center, 1000 Greenwood Beach Road, San Francisco, California 94920

Phone: 721-4271 (for messages only)

Audubon Society is a nonprofit 501(c)(3) organization. All memberships and contributions are tax-deductible to the extent allowed by law.

*The Rail* is published ten times a year by the Audubon Society on 100% recycled paper, edited by Bob Hinz (rbhinz@comcast.net, 388); assisted by other members of MAS; designed by Studio NaCl (www.studio-nacl.com). Deadline is the first of each month.

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Website: www.marinaudubon.org

Members can receive *The Rail* electronically or a hard copy by emailing membershipsecretary@marinaudubon.org

## CONTRIBUTIONS APPRECIATED!

Audubon Society welcomes gifts of cash, stock, or property, and bequests in will, or in honor or memory of someone. Donations may be directed to any MAS project. Tax-deductible gifts of more than \$500 will be placed in the Endowment Fund for conservation, the protection of wildlife species, and preservation and enhancement of natural habitats. Since MAS is an all-volunteer organization, 100% of your donation goes to its support. All gifts are tax-deductible and will be mentioned in *The Rail*, as well as personally at the Society. Checks should be sent out and mailed to: Marin Audubon Society, P.O. Box 599, Mill Valley, CA 94942.

## MISSION STATEMENT

To conserve and restore natural

# PRESIDENT'S MESSAGE

By Barbara Salzman

The power of one. How many times have you decided not to speak up for what you believe in, maybe concerned about how you would sound, look, too busy, somebody else will do it. How many times through the years have I seen decision-makers respond to public testimony, change their views or approach. The tragedy of the Paradise fires has brought out the best in people. Many individuals, both children and adults, have stepped forward to help victims with donations of cars, food, money and many other necessities. Each action that individuals take, each donation, would not happen if these individuals had decided not to act. Each person who speaks out for the environment, in written or verbal testimony at a hearing, acts to protect our natural resources. Each volunteer who plants a plant or removes invasive weeds or gives testimony is making a difference. This would not have happened if it were not for you. Even if others are doing the same thing if there is a group, you have helped to make the message stronger. It is more important now than ever to act for wildlife and our environment, to not depend on others to protect our earth. Step forward and make a difference.

With the **Las Gallinas Sanitary District beginning a major construction project** to upgrade its facilities, our monthly field trips will need to be suspended temporarily for the anticipated three-year construction period. The parking lot, access road and treatment facilities are being upgraded. **The last trip at Las Gallinas will be April 4. Be sure not to miss it.** Because there is a good variety of birds most of the time and the birds are close, it is a great place for beginning birders and birders of all levels. We are grateful that Las Gallinas has been welcoming for all the years we have been

having trips there. Our Field Trip Chair, Jane Medley, and the trip leaders, Bob and Sande Chilvers, are looking for an alternative location, and if they find one, will let you know. We're sorry about this gap, and hope that the Las Gallinas project proceeds speedily.

We are grateful to Jessica Schroeder who left a generous bequest to Marin Audubon in her will. It's easy to leave a gift to Marin Audubon as part of your estate. Just write us into your will. Your gift would be your legacy, helping us to protect our natural resources for years to come.

The slate of nominees for the MAS Board is below. New directors will be elected by members at our Annual Meeting coming up at our May Speaker Program.

Our Conservation Committee was treated to a presentation on the Proposed McInnis Marsh Restoration at our March meeting. The plan is to expand the tidal marsh and improve access in a location that will not impact the marsh and wildlife using it. You too can learn more about the project at an April 20 public meeting at 1 pm at the McInnis Golf Course Club House, and a nature walk on Tuesday May 21 beginning at the Skate Park.

We have two MAS events coming up: Mother's Day will soon be here. Your invitation to this year's Mother's Day Picnic is enclosed in this issue of *The Rail*. Do join us and bring your family and friends for a fun lunch and visit to Audubon Canyon Ranch's Volunteer Canyon. Enjoy the lunch, the trails, the wildlife and your friends. Find out more at <http://marinaudubon.org/events-mothers-day-picnic.php>.

Join us also on Give Back Monday May 6 at Iron Springs Public House in San Rafael for a social evening with Marin Audubon friends.

## IRON SPRINGS PUBLIC HOUSE

# Give Back Monday

MAY 6, 2019 4 TO 9:30 PM  
901 4TH STREET, SAN RAFAEL

Come meet your fellow MAS supporters and help us raise some money for birds and conservation!

We will be taking part in *Give Back Mondays* at Iron Springs Public House on Monday, May 6, 2019, when 10% of all food and beverage sales will be donated to MAS from 4 PM until closing. So, reserve the date, and we hope to see you there for a delicious meal and great

## Nominees for the Marin Audubon Society Board

- Dave Chenoweth
- Barbara Demeter
- Jude Stalker
- Ann Thomas
- Doug Waterman

## Mother's Day Help Needed

Join other volunteers in making the Mother's Day picnic happen. We need helpers to serve and





## **Councils skeptical of pitch for funds**

### **Rates**

#### **MARIN MUNICIPAL WATER DISTRICT**

Utility battles resistance on rate hike, fee proposal

**By Will Houston**

*[whouston@marinij.com](mailto:whouston@marinij.com) @Will\_S\_Houston on Twitter*

Marin Municipal Water District staffers have been fighting an uphill battle for weeks attempting to explain and justify their proposed water rate and fee hikes to local town and city councils.

One example of this came during the district's presentation to the Larkspur City Council on March 20 when Councilman Kevin Haroff was speaking privately with Councilwoman Catherine Way while the microphone was live and said, "This is all BS."

The questions and criticisms continued in the following weeks as water district administrators and board members made their rounds to other local governments. Overall, several city council members expressed appreciation for the district clarifying its proposal. But many also expressed concern that the district hasn't done well enough to explain its bid and that the process lacked transparency.

San Rafael City Councilman John Gamblin criticized the district for not videotaping its meetings and for having a website that's difficult to navigate and draw information from.

"As a ratepayer and a citizen, I can't go anywhere to find where you're using the money," Gamblin said during a district's presentation to the council on Monday. "And so when you're asking for more I'm questioning, 'Well, OK. What did they use the last \$60 million for over the last nine years?' and I can't find it anywhere."

**RATES >> PAGE 2**

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## **Councils skeptical of pitch for funds**

### **Rates**

#### **FROM PAGE 1**

Ben Horenstein, the water district's general manager, said these reactions indicate that he and district staff need to continue taking every opportunity to get face time with residents, local governments and groups to explain their proposal.

"I do think going forward the district definitely has an opportunity to improve how we connect to our customers and their understanding of the value they're getting for their money and their investment

and a better understanding of what we do and what it takes to bring water to our customers,” Horenstein said. “I think some of that — and it’s understandable — can be taken for granted.”

The first of two public workshops on the rate proposal is set to be held from 5 to 8 p.m. Thursday at the Mill Valley Community Center at 180 Camino Alto. A second workshop is planned from 5 to 8 p.m. May 15 at the Albert J. Boro Community Center at 50 Canal St. in San Rafael.

The water district is proposing to raise its rates by about 4 percent annually for the next four years, starting on July 1, to keep up with rising costs. Perhaps the most contentious proposal is the addition of a new capital maintenance fee, which would be a fixed annual fee on customers’ property tax bill that is based on customer’s water meter size. Most customers would pay either \$163 or \$409 per year.

The estimated \$16.5 million to \$20 million in annual revenue from this fee would be used to pay for replacing aging tanks, pipes, treatment plants and pumps over the next 10 years. About \$1 million would also go to fire preparedness on the district’s Mount Tamalpais watershed.

District staffers say the fee will allow the district to shift to paying for these projects using cash rather than borrowing money and passing on close to \$200 million of interest to its customers. This will also free up the district’s debt capacity for times of emergency.

### **‘Blunder on in’**

The fee has come under public criticism. City council members and residents have continually questioned why the tax was being placed on the property tax bill and not the water bill. Corte Madera Town Councilman James Andrews said they worked to free up fees on their residents’ property tax bills so it wouldn’t compete with tax revenues that are vital for local schools.

“And you guys just blunder on in and say, ‘We want to be part of the property tax,’” Andrews said during the water district’s April 2 presentation to the council.

Assessing the fee on the property tax bill rather than passing on the costs to renters, district staffers argue.

Switching from a debt to cash-based system will also have the trade-off of customers paying more upfront for maintenance and repairs. This prompted concerns by Mill Valley Councilwoman Jessica Jackson at the council’s April 15 meeting about impacts to Marin’s struggle of affordability. In response, Horenstein said the district does have a rate reduction program for those who are at 65 percent of the federal poverty level.

“I would hope you would consider expanding it to all low-income brackets,” Sloan said in response.

At a meeting this week, the water district board voted to advance a four-year check-in during which time the district would consider whether to make changes to the fee. The council also expressed interest in exploring reduced fee amounts for those customers who were required to have larger meter sizes for things like fire sprinklers and water pressure, Horenstein said.

There was also interest about potentially spreading the fee payments out on the bimonthly water bills rather than placing it on the property tax bill.



“They do like the property tax bill for the reasons we began in that direction, but they’re also sensitive to perceptions of lack of transparency,” Horenstein said.

### **Flat fee issue**

Another common question to district staff has received during the past months has been why the district is charging a flat fee rather than a fee based on water usage. Horenstein said charging fees based on meter size is a national industry standard. “We couldn’t find one agency that does not use meter size as a way to apportion at least some capital infrastructure fee,” Horenstein said. About 80 percent of the district’s costs are fixed. A large portion of these costs are for staffing, operations and maintenance. Costs based on water use include chemicals and power for water pumping.

While the district has asked and continues to ask customers to conserve their water use, the costs to operate and maintain the local water system still continue, Horenstein said.

“If you have a disproportionate amount of the fee based on consumption, as consumption varies your revenue varies and many water agencies get into a dilemma in times of drought where they mandate reductions and yet find themselves at a loss of revenues due to that usage,” Horenstein said. One option the district is exploring is a “super saver” water rate, which is a reduced water rate for those customers who use water below a certain threshold.