



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

September 19, 2019

Locations: 1) 300 Smith Ranch Road, San Rafael, CA. 94903
2) Director Yezman is attending by teleconference from Hampton Inn Islandia, 1600 Veterans Memorial Highway, Islandia, NY 11749

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. PRESENTATION: STRATEGIC PLANNING OPPORTUNITIES REGARDING BIOSOLIDS**
Mary Martis from HDR will present Strategic Planning efforts for Sanitary District Five.
- 5:05 PM 3. PRESENTATION: NORTHERN CALIFORNIA REGIONAL INTELLIGENCE CENTER (NCRIC)**
Kellyn Wagner Ramsdell, Intelligence Analyst, Cyber Security Team will present to the Board
- 5:20 PM 4. 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 August 28th and September 5, 2019
B. Approve the Warrant List for September 19, 2019
C. Approve Board Compensation for August, 2019

Possible expenditure of funds: Yes, Items B through C

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

- 5:25 PM 5. PUBLIC COMMENT SUMMARY – SEWER LATERAL ORDINANCE REQUEST FOR FEEDBACK**
Board and Staff to discuss the public comment summary from the Sewer Lateral Ordinance request for feedback.
- 6:10 PM 6. INFORMATION ITEMS:**
A. STAFF/CONSULTANT REPORTS:
1. General Manager Report – Verbal
- 6:15 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 - Written
5. NBWA – Verbal
6. NBWRA/North Bay Water – Verbal
7. Engineering Subcommittee – Verbal
8. Other Reports – Verbal
- 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**
- 11. FUTURE BOARD MEETING DATES –OCTOBER 3, OCTOBER 17 AND NOVEMBER 7, 2019**

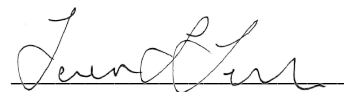
AGENDA APPROVED:

Craig K. Murray, Board President

Pat Richardson, Legal Counsel

CERTIFICATION: I, Teresa Lerch, District Secretary of the Las Gallinas Valley Sanitary District, hereby declare under penalty of perjury that on or before September 16, 2019 at 4:30 p.m., I posted the Agenda for the Board Meeting of said Board to be held September 19, 2019 at the District Office, located at 300 Smith Ranch Road, San Rafael, CA.

DATED: September 16, 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.

**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**



Agenda Summary Report

To: Board of Directors
From: Mike Prinz, General Manager 
Mtg. Date: September 19, 2019
Re: Presentation: Strategic Planning Opportunities Regarding Biosolids

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

BACKGROUND:

The LGVSD Board has identified re-envisioning its biosolids program as one of the highest priorities in the 2019/2020 LGVSD strategic planning effort. In a parallel effort, Sanitary District 5 (Belvedere/Tiburon, SD5) has recently developed a biosolids master plan. The SD5 Plan highlights a potential collaborative land application and/or compost effort on LGVSD reclamation property as one of several options for SD5's long term biosolids management alternatives. HDR developed the SD5 Plan and will present an overview of it and answer questions as needed.

PREVIOUS BOARD ACTION:

None.

ENVIRONMENTAL REVIEW:

N/A

FISCAL IMPACT:

None

STAFF RECOMMENDATION:

None. Informational only.



Agenda Summary Report

To: Mike Prinz, General Manager *MDP*
From: Robert D. Ruiz, Administrative Services Manager
Mtg. Date: September 19, 2019
Re: Presentation: Northern California Regional Intelligence Center (NCRIC)
Item Type: Consent Discussion Information Other
Standard Contract: Yes No (See attached) Not Applicable

BACKGROUND:
 The Northern California Regional Intelligence Center (NCRIC) worked collaboratively with LGVSD, the FBI, and the US Department of Homeland Security during a recent ACH fraud issue at the District. NCRIC will present an overview of their mission and services and answer questions as needed.

PREVIOUS BOARD ACTION:
 None.

ENVIRONMENTAL REVIEW:
 N/A

FISCAL IMPACT:
 None

STAFF RECOMMENDATION:
 None. Informational only.

SPECIAL MEETING MINUTES OF AUGUST 28, 2019

1
2
3 THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT MET IN OPEN
4 SESSION ON AUGUST 28, 2019, AT 3:30 PM, AT THE DISTRICT OFFICE, 300 SMITH RANCH ROAD,
5 SAN 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; Teresa Lerch, Board Secretary; Mike Cortez,
14 District Engineer; Mel Liebmann, Plant Manager; Greg
15 Pease, Collection and Safety Manager,
16

17 **OTHERS PRESENT:** Chris Sliz, Regional Government Services
18

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

23 **PUBLIC COMMENT:** None.
24

25 **STRATEGIC PLAN WORKSHOP**

26 Board and staff participated in a Strategic Plan Workshop with the District's Consultant Chris Sliz from
27 Regional Government Services. Discussion ensued.

28 The next Strategic Plan workshop will be in December.

29
30 **ADJOURNMENT:**

31
32 **ACTION:**

33 Board approved (M/S Schriebman/Yezman 5-0-0-0) the adjournment of the meeting at 5:47 pm.

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

35 NOES: None

36 ABSENT: None

37 ABSTAIN: None
38

39 The next Board Meeting is scheduled for September 5, 2019 at the District's office.
40
41
42

43 ATTEST:

44
45
46
47 _____
48 Teresa Lerch, Board Secretary

49 **APPROVED:**

50
51
52 _____
53 Craig K. Murray, Board President
54

1 **MINUTES OF SEPTEMBER 5, 2019**

2
3 THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT MET IN OPEN
4 SESSION ON SEPTEMBER 5, 2019 AT 4:01 PM, AT THE DISTRICT OFFICE, 300 SMITH RANCH
5 ROAD, SAN RAFAEL, CALIFORNIA.
6

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

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

12 **STAFF PRESENT:** Mike Prinz , General Manager (Present for Closed);
13 Teresa Lerch, District Secretary; Robert Ruiz, District
14 Treasurer (Present for Closed Session)
15

16 **OTHERS PRESENT:** Dave Byers, 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 **ACTION:**

26
27
28 THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT ADJOURNED TO
29 CLOSED SESSION ON SEPTEMBER 5, 2019 , AT 4:02 pm, AT THE DISTRICT OFFICE, 300 SMITH RANCH
30 ROAD, SAN RAFAEL, CALIFORNIA.
31

32 Lerch left at 4:02 PM.
33

34 **CLOSED SESSION:**

35
36 **CONFERENCE WITH REAL PROPERTY NEGOTIATORS** – Pursuant to Government Code
37 § 54954.5; Commercial Property (to be determined) to be leased on an interim basis.
38 Agency Negotiator: Mike Prinz, General Manager for the Las Gallinas Valley Sanitary District.
39 Negotiating parties: To be determined. Under negotiation: Board to provide instruction to Agency
40 Negotiator concerning price and/or terms of payment.
41

42 **ADJOURNMENT:**

43 **ACTION:**

44 The Board of Directors of the Las Gallinas Valley Sanitary District reconvened the Regular Session on
45 September 5, 2019 at 4:44 pm.
46
47

48 **STAFF PRESENT:** Mike Prinz , General Manager; Mike Cortez, District
49 Engineer; Teresa Lerch, District Secretary; Mel
50 Liebmann, Plant Manager; Greg Pease, Collection and
51 Safety Manager; Robert Ruiz, District Treasurer
52

53 **OTHERS PRESENT:** Colleen Haley, California Special District Association
54

55 **PUBLIC COMMENT:** None

56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111

REPORT ON CLOSED SESSION:

President Murray reported that there was no reportable action in Closed Session.

SPECIAL DISTRICT LEADERSHIP FOUNDATION DISTRICT TRANSPARENCY CERTIFICATE PRESENTATION

Colleen Haley, CSDA Field Coordinator presented the Board with the Special District Leadership Foundation District Transparency Certificate. Discussion ensued.

President Murray called for a 10-minute recess at 4:50 pm.

ACTION:

The Board of Directors of the Las Gallinas Valley Sanitary District reconvened the Regular Session on September 5, 2019 at 5:00 pm.

PUBLIC HEARING - AMENDMENT TO CONTRACT BETWEEN THE BOARD OF ADMINISTRATION CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYSTEM AND THE LGVSD BOARD OF DIRECTORS

- A. **OPEN PUBLIC HEARING** – President Murray opened the public hearing at 5:01 P.M.
- B. **AN AMENDMENT TO CONTRACT** - District staff presented the amendment to Contract between the Board of Administration California Public Employees' Retirement System and the LGVSD Board of Directors.
- C. **REVIEW DISTRICT STAFF RECOMMENDATIONS** – Board considered staff recommendations to approve the Amendment to Contract between the Board of Administration California Public Employees' Retirement System and the LGVSD Board of Directors.
- D. **BOARD COMMENT** – Board discussed the Amendment to Contract.
- E. **PUBLIC COMMENT** – No members of the public addressed the Board with comments.
- F. **CLOSE THE PUBLIC HEARING** – President Murray closed the Public Hearing at 5:07 P.M.

ACTION:

Board approved (M/S Schriebman/Yezman 5-0-0-0) the Amendment to Contract between the Board of Administration California Public Employees' Retirement System and the LGVSD Board of Directors.

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

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 August 15, 2019
- B. Approve the Warrant List for September 5, 2019
- C. Approve meeting request for Murray to attend the Biosolids and Renewable Energy Innovation Seminar in Oakland on September 11, 2019 and the Chapter 47 Region 1 Fall Forum meeting in Santa Barbara on October 11, 2019
- D. Approve meeting request for Schriebman to attend the Marin County Special Districts Chapter Formation meeting in Novato on September 18
- E. Approve 2018-19 Fourth Quarter Financial Statements as of June 30, 2019
- F. Approve Resolution 2019-2176 – A Resolution Approving Projects at Multiple Sites and Making Determinations and Authorizing the Filing of a Notice of Exemption from California Environmental Quality Act– Effluent Disposal Marsh Pond Capacity Restoration

Items A and F were pulled for discussion. Item A- minutes will be amended to show Schriebman was in attendance at the September 5th Board meeting.

112 **ACTION:**
113 Board approved (Yezman/Schriebman 5-0-0-0) the Consent Calendar items A through F.
114 AYES: Clark, Elias, Murray, Schriebman and Yezman.
115 NOES: None.
116 ABSENT: None.
117 ABSTAIN: None.
118

119 **FALL 2019 NEWSLETTER TOPICS**
120 Board and staff discussed topics for the Fall Newsletter.
121

122 **INFORMATION ITEMS:**

123 **STAFF / CONSULTANT REPORTS:**

- 124 1. General Manager Report – Verbal – Prinz reported. The Holiday luncheon date and place were discussed
125 - December 6, 13, or 20th or January 10th at Boca Tavern. The Board asked Prinz to check staff
126 availability and report back.
127 2. Secondary Treatment Plant Upgrade and Recycled Water Expansion September 2019 Project Update.
128 Cortez and Prinz reported.
129

130 Byers left at 6:22 pm
131

- 132 3. Administration Department Bi-annual Report – Ruiz reported.
133 4. Collection Department Bi-annual Report – Pease reported.
134 5. Engineering Department Bi-annual Report – Cortez reported.
135 6. Operations Department Bi-annual Report – Liebmann reported.
136

137 Due to a lack of time, the Board Reports, Board Requests and Various Articles and Miscellaneous District
138 Correspondence were not discussed.
139

140 **ADJOURNMENT:**
141

142 **ACTION:**

143 Board approved (M/S Elias/Schriebman 5-0-0-0) the adjournment of the meeting at 6:50 pm.
144 AYES: Clark, Elias, Murray, Schriebman and Yezman.
145 NOES: None.
146 ABSENT: None.
147 ABSTAIN: None.
148

149 The next Board Meeting is scheduled for September 19, 2019 at the District Office.
150
151
152
153

154 **ATTEST:**
155
156

157 _____
158 Teresa Lerch, District Secretary
159

160 **APPROVED:**
161
162
163

164 _____
165 Craig K. Murray, Board President
166

167 **SEAL**

	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for items > \$1000
1	9/19/2019	ACH	A and P Moving Inc	84.70		84.70	
2	9/19/2019	N/A	Accountemps	7,173.65		7,173.65	Clerical help/ Admin & AP
3	9/19/2019	EFT1	ADP - Payroll	100,740.64		100,740.64	Payroll for paydate 9/13/2019
4	9/19/2019	N/A	AQUA Engineering, Inc	25,467.50		25,467.50	Secondary Plant Upgrades CIP # 1600-07/Recycled Water Facility Expansion CIP# 16650-02
5	9/19/2019	N/A	ArcSine Engineering	117,342.02		117,342.02	Programming services for STPRWE CIP #12600-07 & 16650-02 and Annual SCADA support services. June 2019 CIP #19650-01,19600-01,19300-01
6	9/19/2019	ACH	Bellecci & Associates, Inc.	7,670.00		7,670.00	Sewer Main Rehab, Quail Hill CIP# 19200-01, Marinwood TS Hwy 101 undercrossing (7/25/19)
7	9/19/2019	ACH	Brown and Caldwell	6,289.63		6,289.63	Recycled Water Facility Expansion & Secondary Plant Upgrades CIP #12600-07 & 16650-0 (7/26/19 to 8/22/19)
8	9/19/2019	ACH	Byers Law Office	5,575.00		5,575.00	Legal Services
9	9/19/2019	EFT	CalPERS 457 Plan Deffered Comp	4,321.42		4,321.42	Employee salary deferrals for 8/30/19 paydate
10	9/19/2019	ACH	CalPERS CERBT-OPEB	11,630.00		11,630.00	Employee salary deferrals 8/30/19 paydate
11	9/19/2019	EFT	CALPERS Retirement	16,452.62		16,452.62	Pension contribution employee and employer for 8/30/19 paydate
12	9/19/2019	ACH	Cal-Steam, Inc.	630.95		630.95	
13	9/19/2019	N/A	Cintas Corporation	375.18		375.18	
14	9/19/2019	N/A	Clark, Megan	1,185.69		1,185.69	CASA Conference -8/20/2019-8/23/2019
15	9/19/2019	ACH	Contractor Compliance and Monitoring, Inc	2,477.56		2,477.56	Monitoring: Marinwood Trunk Sewer CIP# 1200-03, Kennedy Jenkins CIP# 12600-07&16650-02, Beechnut Creek CIP# 9200-01, STPU Labor compliance Myers CIP# 12600-07& 16650-02
16	9/19/2019	ACH	Core Utilities, Inc.	1,860.00		1,860.00	August 2019 IT services
17	9/19/2019	EFT	Direct Dental Administrators, LLC	292.00		400.00	
18	9/19/2019	EFT	Discovery Benefits	348.42		348.42	
19	9/19/2019	ACH	Elias, Rabi	200.00		200.00	
20	9/19/2019	ACH	EOA, Inc.	16,983.46		16,983.46	Technical support for regulatory permits (JULY 2019)
21	9/19/2019	N/A	Golden State Lumber	199.55		199.55	
22	9/19/2019	ACH	Gregory Equipment, Inc.	149,626.72		149,626.72	Plant Improvements 2018 construction contract (Progress #5) CPI# 12600-02
23	9/19/2019	ACH	Kenwood Energy	243.75		243.75	
24	9/19/2019	N/A	Liebert Cassidy Whitmore	8,881.00		8,881.00	Legal Services Rendered for several months 7/1/2019 - 8/31/2019
25	9/19/2019	N/A	Marin Ace	169.23		169.23	
26	9/19/2019	N/A	Marin Independent Journal	1,042.88		1,042.88	Public Ads: Notice inviting informal bid & Renewal of subscription -2019
27	9/19/2019	N/A	Marin Municipal Water District	512.76		512.76	
28	9/19/2019	N/A	MARIN/SONOMA MOSQUITO & VECTOR CONTROL	527.84		527.84	
29	9/19/2019	ACH	Murry, Craig	125.00		125.00	
30	9/19/2019	N/A	MWH Constructors, Inc.	117,075.86		117,075.86	STPURWE (6/29/19-8/2/19) CIP# 12600-02 & 16650-02

Las Gallinas Valley Sanitary District
Warrant List
9/19/2019 - DRAFT

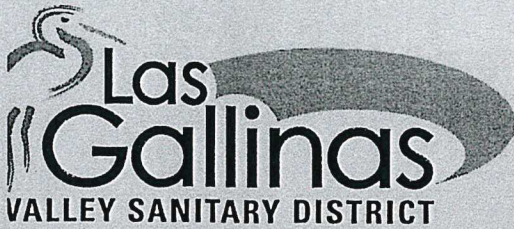
31	9/19/2019	N/A	Pacific Gas & Electric - 0580531718-6	3,138.02	3,138.02	Gas & Electric Service - 7/29/2019-8/27/2019
32	9/19/2019	N/A	Pacific Gas & Electric - 1991349158-5	6,634.60	6,634.60	Gas & Electric Service for Pump statins - 7/29/2019-8/27/2019
33	9/19/2019	N/A	Pacific Gas & Electric CDX7397590484 SOLR	19.71	19.71	
34	9/19/2019	ACH	Prinz, Mike	991.32	991.32	CA WateReuse Conference
35	9/19/2019	N/A	Rafael Lumber	61.59	61.59	
36	9/19/2019	ACH	Retiree Augusto	187.74	187.74	
37	9/19/2019	ACH	Retiree Burgess	598.00	598.00	
38	9/19/2019	ACH	Retiree Cummins	187.74	187.74	
39	9/19/2019	ACH	Retiree Cutri	462.74	462.74	
40	9/19/2019	ACH	Retiree Emanuel	258.83	258.83	
41	9/19/2019	ACH	Retiree Gately	224.41	224.41	
42	9/19/2019	ACH	Retiree Guion	224.41	224.41	
43	9/19/2019	ACH	Retiree Johnson	632.90	632.90	
44	9/19/2019	ACH	Retiree Kermoian	187.74	187.74	
45	9/19/2019	ACH	Retiree Mandler	187.74	187.74	
46	9/19/2019	ACH	Retiree McGuire	563.00	563.00	
47	9/19/2019	ACH	Retiree Memmott	187.74	187.74	
48	9/19/2019	ACH	Retiree Petrie	163.37	163.37	
49	9/19/2019	ACH	Retiree Pettey	187.74	187.74	
50	9/19/2019	ACH	Retiree Provost	258.83	258.83	
51	9/19/2019	ACH	Retiree Reetz	511.48	511.48	
52	9/19/2019	ACH	Retiree Reilly	187.74	187.74	
53	9/19/2019	ACH	Retiree Vine	187.74	187.74	
54	9/19/2019	ACH	Retiree Wettstein	598.00	598.00	
55	9/19/2019	ACH	Retiree Williams	598.00	598.00	
56	9/19/2019	N/A	Roy's Sewer Service	4,275.00	4,275.00	By Pass Well- Clean and vacuumed by pass well
57	9/19/2019	ACH	Schriebman, Judy	200.00	200.00	
58	9/19/2019	ACH	Terryberry	153.39	153.39	
59	9/19/2019	N/A	TPx Communications	594.12	594.12	
60	9/19/2019	EFT	US Bank Equipment Finance	1,588.65	1,588.65	Quarterly Copier Lease Payment - For quarter ending 9/30/2019
61	9/19/2019	ACH	Univar USA Inc.	3,585.56	3,585.56	Purchase of Sodium Hypochlorite
62	9/19/2019	N/A	Valley Irrigation Service, Inc.	9,336.62	9,336.62	Parts and Labor for irrigation repairs. And Irrigation Pivot #2 to Restore limited effectiveness during 2019 Reclamation Season. 4" "Big Gun" sprinkler heads for corners of the pivot area
63	9/19/2019	N/A	Verizon Wireless	1,113.68	1,113.68	Cell phones

Agenda Item 4C
Date September 19, 2019

Directors' Meeting Attendance Recap

<u>Name</u>	<u>Total Meetings</u>
Megan Clark	6
Rabi Elias	4
Craig Murray	6
Judy Schriebman	4
Crystal Yezman	<u>4</u> <i>less 1 from previous pay</i>
Total	<u><u>24</u></u> <i>23</i>

Meeting Date: 9/5/2019
Paydate: 9/13/2019



300 Smith Ranch Road, San Rafael, CA 94903

Office: 415.472.1734 Fax: 415.499.7715

BOARD MEMBER ATTENDANCE FORM

Director's Name: MEGAN CLARK Month: AUGUST 2019

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
8-1	REG	X	
8-15	"	X	
8-28	SPECIAL - STRATEGIC PLAN	X	
TOTAL		3	

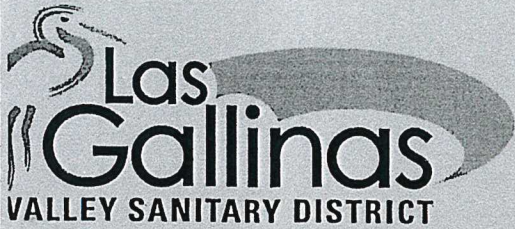
OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
8-20	CASA TRAVEL DAY		X
8-21	CASA	X	
8-22	CASA	X	
8-23	CASA	X	
TOTAL		3	

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

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

Megan Clark
Signature
Robert [unclear]
Approved By/ Date

8-29-19 Date
9-9-19 Pay Date



300 Smith Ranch Road, San Rafael, CA 94903

Office: 415.472.1734 Fax: 415.499.7715

BOARD MEMBER ATTENDANCE FORM

Director's Name: Rabi Elias Month: August

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
8/1/19	Regular	✓	
8/15/19	Regular	✓	
TOTAL		2	

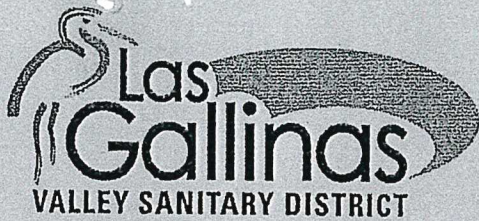
OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
8/14/19	Eng. Committee Mtg.	✓	
8/28/19	Special, Strategic Plan	✓	
TOTAL		2	

Total Meetings for which I am Requesting Payment: Max of six (6) per Health & Safety Code §4733	4
---	----------

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

Rabi Elias
 Signature
Robert Ruiz
 Approved By, Date

8/28/19
 Date
9/9/19
 Pay Date



300 Smith Ranch Road, San Rafael, CA 94903

Office: 415-472-1734 Fax: 415-499-7715

BOARD MEMBER ATTENDANCE FORM

Director's Name: MURRAY, Craig K. Month: August 2019

Board Members shall be compensated for up to the legal limit of six (6) meeting per month and one (1) per day.

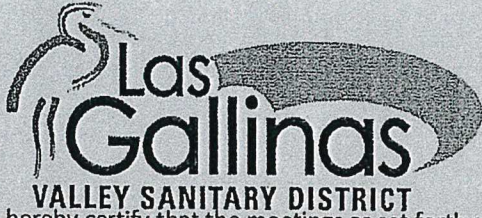
Board Members are limited to four (4) conferences or seminars per year.

For multi-day conferences, compensation shall be at a maximum of one (1) meeting per day.

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
8/1/19	Board Meeting	X	
8/15/19	Board Meeting	X	
8/28/19	Special Board Meeting – Strategic Plan	X	
TOTAL		3/3	

OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
8/6/19	National Night Out – Donated Kids Bicycle Volunteer Transportation Delivery		X
8/6/19	City of San Rafael Design Review Board (DRB) – 350 Merrydale Road Townhome Development Project		X
8/7/19	City of San Rafael Bicycle Pedestrian Advisory Committee – Regular Meeting: including North Promenade Project; N.San Pedro Road		X
8/8/19	LAFCo Regular Meeting		X
8/4,6,11,18,25/19	Merrydale Road/Las Gallinas Creek Headwater Litter Removal c/o City of San Rafael: 8/4: 2.0 hours; 8/6: 0.5 hours; 8/11: 0.5 hours; 8/18: 1.0 hours ; 8/25 3.5 hours.		XXXXX
8/1, 15/19	LAFCo ViceChair EO Coordinating Meeting		XX
8/16/19	LGVSD President General Manager Coordinating Meeting		X
8/20,21,22,23/19	CASA -64 th Annual Conference, CSMRA Mtg., San Diego	XXX	X
TOTAL		3/16	

Total Meetings for which I am Requesting Payment/Approved: Board Members maximum of six (6) per Health & Safety Code §4733	6/19
--	-------------



300 Smith Ranch Road, San Rafael, CA 94903

Office: 415-472-1734 Fax: 415-499-7715

BOARD MEMBER ATTENDANCE FORM

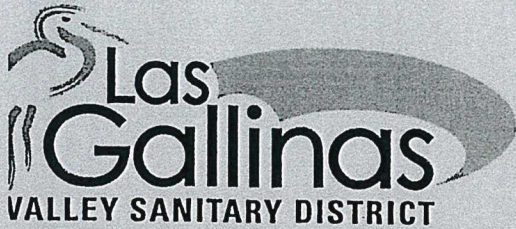
I hereby certify that the meetings as set forth above are true and correct and are for the purpose of conducting official business for the Las Gallinas Valley Sanitary District.

Signature

Approved By/ Date

August 29, 2019
Date

9/9/16
Pay Date



300 Smith Ranch Road, San Rafael, CA 94903

Office: 415.472.1734 Fax: 415.499.7715

BOARD MEMBER ATTENDANCE FORM

Director's Name: JUDY SCHRIEBMAN Month: AUG. 2019

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
8-1-19	reg mtg	✓	
8-15-19	reg mtg	✓	
8-28-19	steat plan mtg	✓	
TOTAL		3:3	

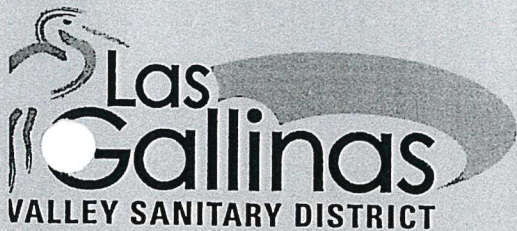
OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
8-7-19	JPA LTF Solid + haz waste	✓	
8-7-19	GWC		✓
8-8-19	one-on-one w/ GM		✓
TOTAL		1:3	

Total Meetings for which I am Requesting Payment: Max of six (6) per Health & Safety Code §4733	4
---	---

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

Judy Schriebman
Signature
Robert K. King
Approved By/ Date

8-28-19
Date
9-9-19
Pay Date



300 Smith Ranch Road, San Rafael, CA 94903

Office: 415.472.1734 Fax: 415.499.7715

BOARD MEMBER ATTENDANCE FORM

Director's Name: Crystal Yezman Month: August '19

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
8/1	Board Mtg	X	
8/15	" "	X	
TOTAL			

OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
8/14	Engineering Subcommittee	X	
8/28	Strategic Planning Workshop	X	
TOTAL			

Total Meetings for which I am Requesting Payment:

Max of six (6) per Health & Safety Code §4733

4 LESS 1 for previous pay.
3

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

Crystal Yezman
 Signature
Robert King
 Approved By/ Date

8/28/19
 Date
9-9-19
 Pay Date



Agenda Summary Report

To: LGVSD Board of Directors
From: Mike Prinz, General Manager *MSP*
 Greg Pease, Collection System and Safety Manager
Mtg. Date: September 19, 2019
Re: Public Comment Summary - Sewer Lateral Ordinance Request for Feedback

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

BACKGROUND

The District has been pursuing a private property Sewer Lateral Ordinance for a number of years and has most recently been formulating an ordinance targeting inflow and infiltration (I and I) jointly, with a focus on reducing inflow, which is potentially the most significant contributor to peak flow related problems in the collection system and at the treatment plant.

The District implements capital improvement projects to reduce I and I in District sewer mains and manholes within the public right of way and easement areas. While these capital projects are effective in reduction of I and I impacts on the District's system (and subsequent reduction of operational and customer costs, as well as reduction of risk of environmental impacts due to spills), I and I from private sewer laterals remains a notable problem. In fact, regulatory agencies are now requiring wastewater collection and treatment system operators to pursue I and I reduction from private properties through the consideration of sewer lateral ordinances.

Figure 1 below shows the generalized impact of I and I on plant flows. The red, dashed line indicates treatment plant flow during the dry weather season. Staff wishes to draw attention to the peak flow, and how that is typically largely attributable to inflow.

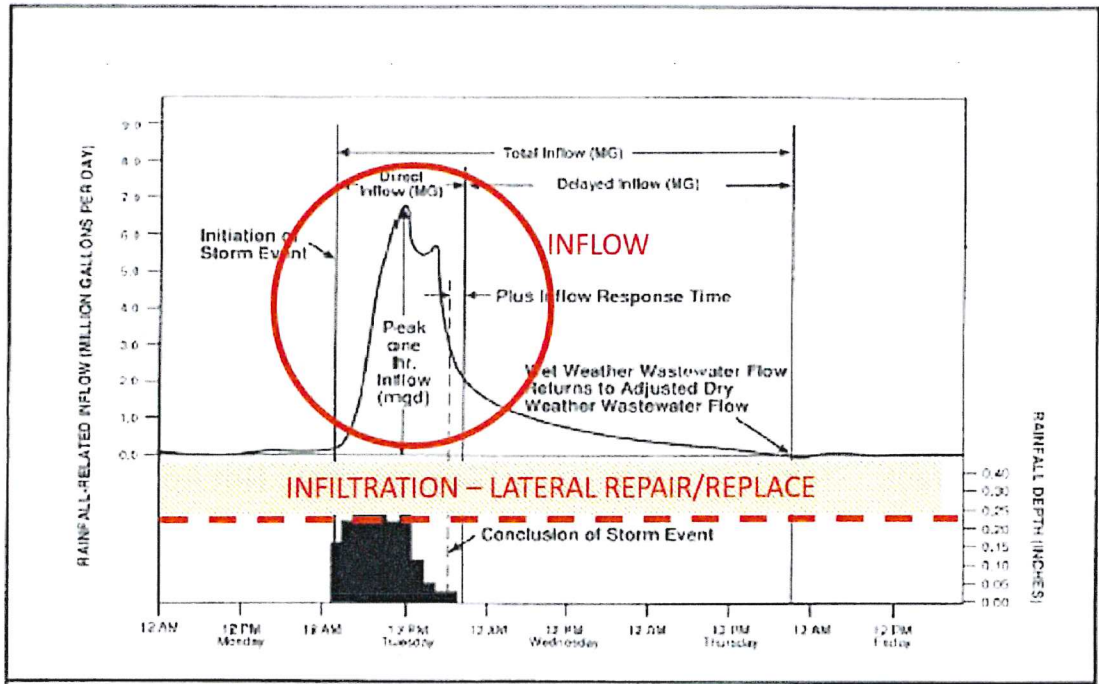


Figure 1: Hydrograph helps visualize inflow as the response to wet weather flow (from MassDEP 1993)

Public Input Received

On July 19, 2019, Staff issued the attached letter requesting feedback from District Customers regarding the current sewer lateral ordinance concepts currently under consideration. Staff also made numerous attempts to solicit feedback from the Marin Realtors Association. Several customers responded via telephone, email, and/or letter, and numerous realtors in the region provided individual comments along with a template letter voicing concerns. Table 1, below, summarizes input received.

	Concern	Total # of Comments
Realtors - 65 Responses Received	Opposed to Point Of Sale	65
	Inefficient	64
	Delay to Home Sale Process	63
	Stress to Home Buyer/Seller	63
	Cost of Inspection	63
	15k Valuation Trigger	62
	Comments in Favor of Ordinance	0
	Other Comments	See Below
1. Doesn't agree w/ Pressure Test		
2. Wye/Connection Responsibility. Upset with water rate increases. Pensions/Salaries		
3. Older generation home sale is difficult enough		
4. Upset with Pressure Test, specifically RVSD		
5. "Equivalent to banks government taking property twice...government bailout"		
6. "I support the inspection requirement. It's good for our environment".		
7. "Point of sale does not fix it. Need to go by block area."		
8. "I do not think mandating sewer lateral inspections, replacements or upgrades at the point of sale is an effective way to address our aging infrastructure."		
9. Financial impact to senior sellers. Pressure testing concerns		
10. Believes we should use the effective age of home should be the inspection basis.		
11. Condo complexes with shared laterals...how would it work		
12. Will not resolve issue in a timely manner		
13. District to finance replacement on tax bill. Oldest homes addressed first		
14. Costly repairs disrupt the home sale process		
15. Pressure test is a no win situation. Would like us to consider a step approach instead of a heavy axe		
16. Encourage Homeowners to video laterals by offering financial assistance or recommend a quality plumber that will have a reduced rate		
17. "Have we replaced All of our large water main repairs?"		

Property Owner Comments - 22 Responses Received	Point Of Sale	2
	Inefficient	1
	Delay to Home Sale Process	0
	Stress to Home Buyer/Seller	0
	Cost of Inspection	3
	15k Valuation Trigger	10
	Comments in Favor of Ordinance	11
	Other Comments	See Below

1. Unintended consequences of a 15K trigger - preventing people from obtaining permits
2. Opposes Ordinance if it increases rates and/or homeowner required to pay for inspection
3. Non Compliance Fees, better loan interest than 2%, offer grants, cost of lateral replacement is not controlled
4. Public outreach about PACP, increase valuation to 35K, extend grace period. "I thought this was the best customer communication ever."
5. "Should be limited to very old property (pre 1930)."
6. Increase to 50k or more
7. Is in favor of Point of sale
8. Highly opposes "new proposed ordinance to check every property in case a home is out of compliance."
9. Highly supports but wants to remove the human element as much as possible and use pressure test
10. Suggests increasing remodeling trigger so that the average cost of lateral replacement is no more than 10% of the remodel valuation
11. Would like LGVSD to perform the inspections and charge a minimal fee
12. "...I think LGVSD should help pay for such action."
13. Concentrate on older homes and homes with a lot of trees
14. "I am in favor of the development of a sewer lateral ordinance. All the reasons you've listed in the letter to homeowners are valid."
15. "...Lateral ordinance is a very good idea and we support it."
16. How much will an inspection cost? Where do I find an inspector?
17. \$75k trigger for remodels
18. Lifespan of an inspection? Cost of an inspection? Older homes vs everyone approach
19. Discourage homeowners to get permits
20. How long will our approach take to correct the problem? Turnaround times for district to review?
21. Base trigger on type of permit not dollar value?
22. "I totally support the above proposal."

Table 1. Summary of public input received.

Scope of Inspection

As previously envisioned, the scope of a lateral inspection, which will be a central part of the ordinance, is intended to include:

1. a closed circuit television (CCTV) recording of the lateral interior to evaluate its condition, and
2. an evaluation of the lateral and residential property served by the lateral to determine the potential for illegal connections and sources of inflow.



It should be noted that the currently proposed inspection format does not rely on pressure testing sewer laterals, contrary to the perception of some of those who have provided feedback thus far.

Triggers of Inspections

The majority of the comments received pertain to the triggers of inspection, namely property sale and building permit valuation.

Sale of property is a common trigger for lateral inspections in similar ordinances adopted by sanitary districts and municipalities throughout the region. Staff acknowledges that a sewer lateral inspection during escrow does present an additional, time sensitive, logistical hurdle during a schedule driven escrow. Nonetheless, staff is compelled to emphasize to concerned customers – as well as buyers and sellers of properties - that a sewer lateral is a critical component of any sewered property. As such, a sewer lateral deserves no less emphasis during a property condition evaluation than any other element of a house, be it a roof, furnace, foundation or electrical panel. Replacement of a sewer lateral could be necessitated (in some cases, unexpectedly and urgently) due to deterioration, tree root damage, substandard pipe materials and/or substandard construction techniques, and can cost up to \$10,000 or more. The unanticipated need to replace a sewer lateral would likely be a problematic discovery for any property owner, but particularly so for a new property owner if a looming repair or replacement was not discovered prior to close of escrow. Proactively understanding and addressing sewer lateral problems can avoid acute loss of lateral function due to otherwise undetected problems.

Upgrades to homes that require building permits are also common triggers for lateral inspections. Customers are understandably concerned that the lower the permit threshold, the greater the proportionate cost a sewer lateral inspection is and, if needed, replacement becomes. At the same time, the lower the threshold:

1. the greater the number of laterals that would be evaluated,
2. the greater the amount of data regarding sewer lateral condition that would be collected,
3. the more informed property owners would be regarding their sewer lateral reliability,
4. the more informed future sewer lateral ordinance modifications would potentially be, and – ultimately –
5. the greater the operational efficiency and peak flow reduction that could potentially be achieved.

PREVIOUS BOARD ACTION

On April 11, 2019, the Board discussed and gave feedback to Staff regarding the newly formulated, inflow focused sewer lateral ordinance concept. Various discussions and presentations regarding the ordinance have occurred over the past several years.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

N/A

STAFF RECOMMENDATION

The most significant impact of a sewer lateral inspection on a property owner is the potential for the inspection to trigger a sewer lateral replacement. Based on the comments received and due to the potential for sewer lateral replacements to have less effect on peak flow reduction than elimination of inflow to laterals (illegal connections), Staff recommends that the Board consider deferring the decision to require lateral replacement until data can be collected regarding the impact ordinance driven sewer lateral inflow elimination has on peak flow reduction. After a sufficient number of years of wet weather data is collected, the Board could address lateral replacement requirements via future ordinance amendment. Alternatively, as was previously proposed by Staff, the Board may wish to implement a 2 year grace period for sewer lateral replacements where inspection results indicate that replacement is required.

Due to the benefit of inspecting more laterals than fewer, and particularly if the Board is willing to defer the decision to require lateral replacement until the impact of inflow reduction can be determined, Staff recommends that Board consider keeping the building permit valuation trigger at \$15,000. If the Board prefers to retain a sewer lateral replacement requirement in the ordinance, Staff recommends that the Board consider exempting certain types of permits from the valuation calculation. Recommended exemptions include:

1. ADA upgrades,
2. Fire sprinkler installations,
3. Energy efficiency upgrades, including window replacements,
4. Fire resistance improvements,
5. Rainwater catchment systems,
6. Greywater systems,
7. Structural improvements exclusively required for seismic/earthquake retrofit work, and
8. Replacement 'in kind' or for repairs such as driveways, roofs, fencing and similar improvements that do not constitute discretionary property upgrades.

Due to concerns regarding the cost of inspection, Staff recommends that the Board consider waiving the LGVSD administrative inspection fee (estimated at \$250) for building permit triggered inspections valued at \$30,000 or less (twice the recommended building permit valuation trigger).

In any case, Staff also recommends that the Board consider requiring disclosure of inspection results to all parties involved in property sale triggered lateral inspections.

In general, Staff requests that the Board consider all the public input summarized herein, along with the aforementioned recommendations, and direct Staff accordingly regarding finalization of the Sewer Lateral Ordinance language.

As the Board continues to consider the best initial ordinance form to implement, Staff wishes to emphasize that future ordinance refinements could be implemented via amendments as needed that would take into account the observed impact of the ordinance on the collection system and treatment plant operations after a series of winters.



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
 Robert Ruiz,
 Administrative Services Manager
 Greg Pease,
 Collection System/Safety Manager

July 19, 2019

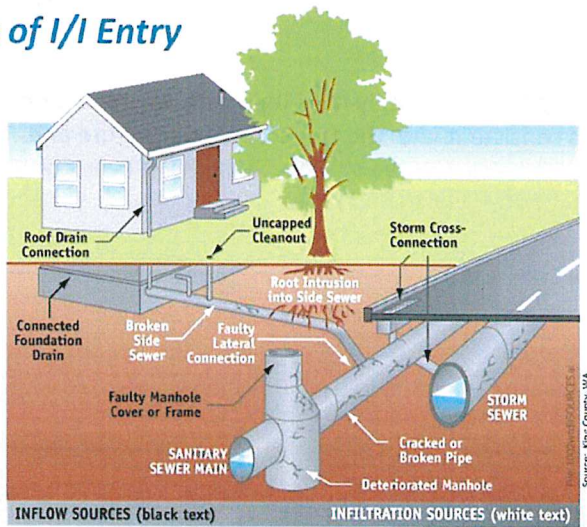
Dear Customer,

Like many similar agencies, LGVSD is developing a sewer lateral ordinance in order to reduce the chance of wet weather related sewer spills and improve efficiency of the District’s Wastewater Treatment Plant. We want your feedback as we develop the ordinance, so please read on!

Just like a roof, foundation, electrical panel, or furnace, which are part of a house’s ‘infrastructure,’ all residential dwellings (houses, condominiums, apartment complexes, etc.) have a sewer lateral pipeline that conveys wastewater generated at the residential property to the sewer main pipeline in the street, which eventually leads to the District’s wastewater treatment plant.

Sewer lateral age and/or tree root disruption can cause cracks in the pipe that allow groundwater and rainwater seepage into the system (infiltration). Infiltration leads to unnecessarily high flows in the sewer main network that can increase the potential for spills. This ‘extra water’ also requires the treatment plant to treat higher flows, which increases costs for electrical power and chemicals. Illegal connections (such as sump pump discharges or gutter downspouts) also contribute to elevated flows and the associated risks and costs. These types of inputs to the system are referred to as ‘inflow.’ Cracks in old sewer mains in the streets are also a source of inappropriate inputs to the sewer system, which is why the District is regularly upgrading and replacing sewer mains in numerous city streets. Combined, inflow and infiltration are abbreviated as I&I.

Points of I/I Entry



In order to incrementally address excess flows from private sewer laterals, the District is developing a sewer lateral ordinance that requires an evaluation of each residential property’s lateral for condition and potential illegal connections. Many other agencies have implemented ordinances for the same purpose. The proposed ordinance addresses events which would trigger inspections, lateral replacement requirements, and mitigation of illegal connections, along with timing for the various inspections and mitigation activities, and fines for non-compliance.

The following table describes some fundamental aspects of sewer lateral inspections and replacement that the ordinance will address.



If an owner must replace their lateral, we want to remind you that LGVSD has a lateral replacement loan program to help finance the work. Homeowners would be eligible for a low interest loan (2%) for an amount up to \$10,000. More information on the requirements and the application process can be found at our website, <http://www.lgvsd.org/doing-business/sewer-lateral-assistance/>

LGVSD would greatly value your feedback regarding the proposed ordinance. Please provide your written/emailed input by **August 21, 2019** to LGVSD at 300 Smith Ranch Rd., San Rafael CA 94903 or gpease@lgvsd.org. If you'd like to attend the LGVSD Board meeting where the draft ordinance language will be considered, please monitor the District's website for the meeting announcement. This issue is tentatively scheduled for a Board meeting in September.

LGVSD is developing this ordinance because doing so will ultimately help keep your wastewater rates as low as possible, help protect the environment, and is consistent with the District's infrastructure and environmental stewardship philosophy.

Sincerely,

Greg Pease

Greg Pease
Collection System/Safety Manager
Las Gallinas Valley Sanitary District

9/19/2019

General Manager Report

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

9/19/2019 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) Steering Committee
- c) JTC

- 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

9/19/2019 BOARD REPORTS

Agenda Item 7.8 Other Reports

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

Agenda Item 7.4
Date September 19, 2019
Flood Zone 7

Zone 7 Advisory Board
August 21, 2019
Marinwatersheds.org

SANTA VENETIA

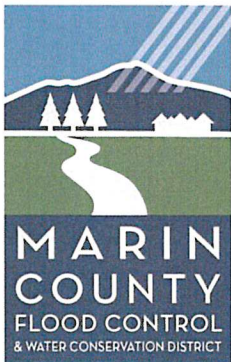
GALLINAS LEVEE UPGRADE PROJECT

- BACKGROUND
- HISTORY
- FLOODS/TAXES/WATERSHED PROGRAM

- CURRENT PROJECT STATUS
- CEQA PROCESS
- DESIGN BASIS

- BALLOT MEASURE
- BALLOT LANGUAGE
- DURATION, AMOUNT, EXEMPTIONS

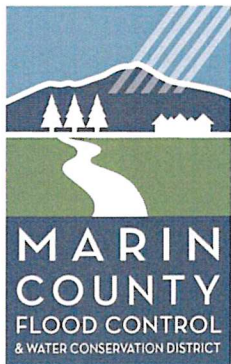
- NEXT STEPS
- ELECTION / FEMA GRANT

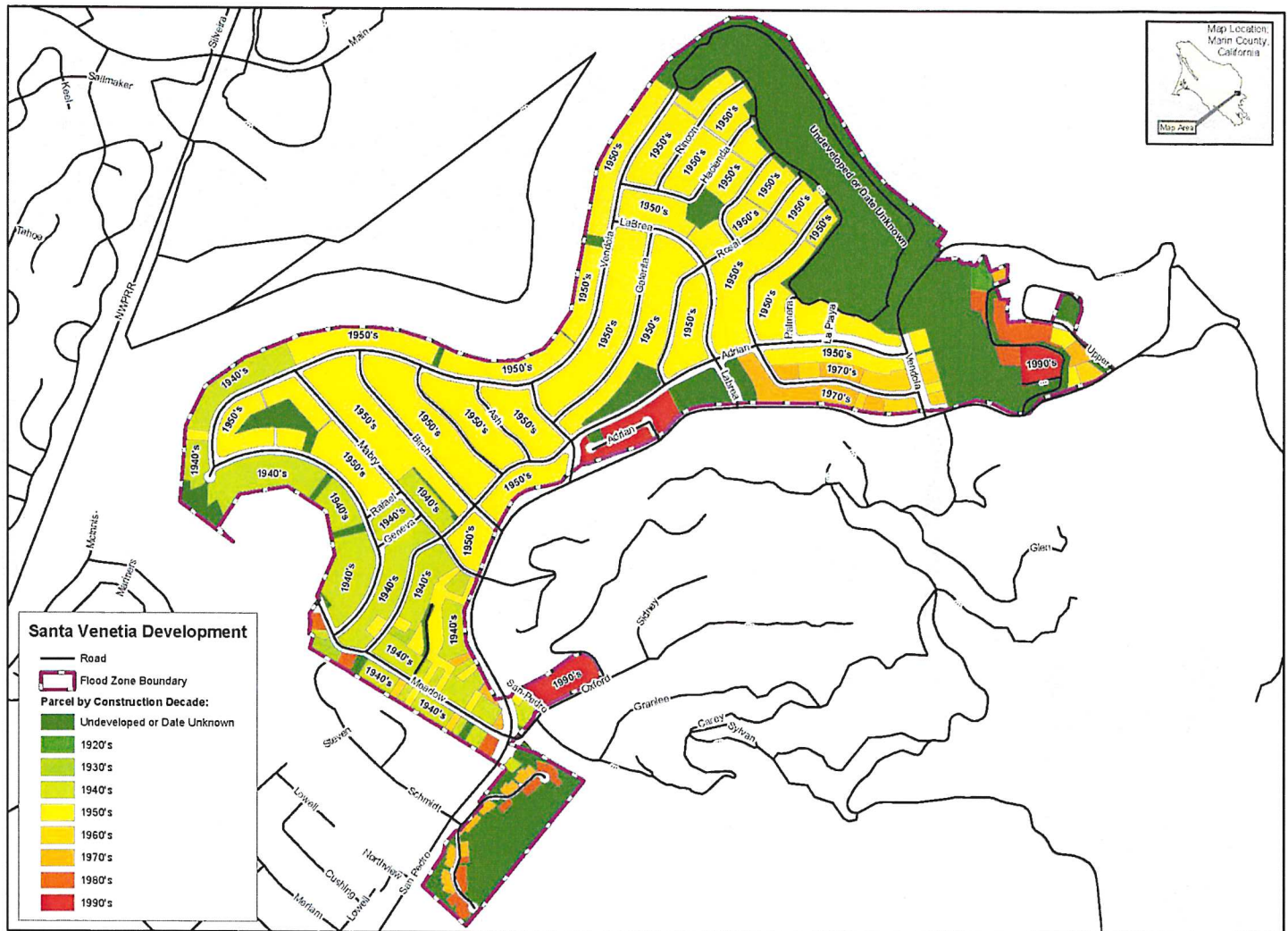


Zone 7 Advisory Board
August 21, 2019
Marinwatersheds.org

SANTA VENETIA IN 1940

HOUSES AROUND SANTA MARGARITA ISLAND





Staging of Development in Santa Venetia by Decade

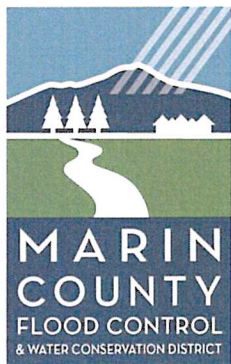
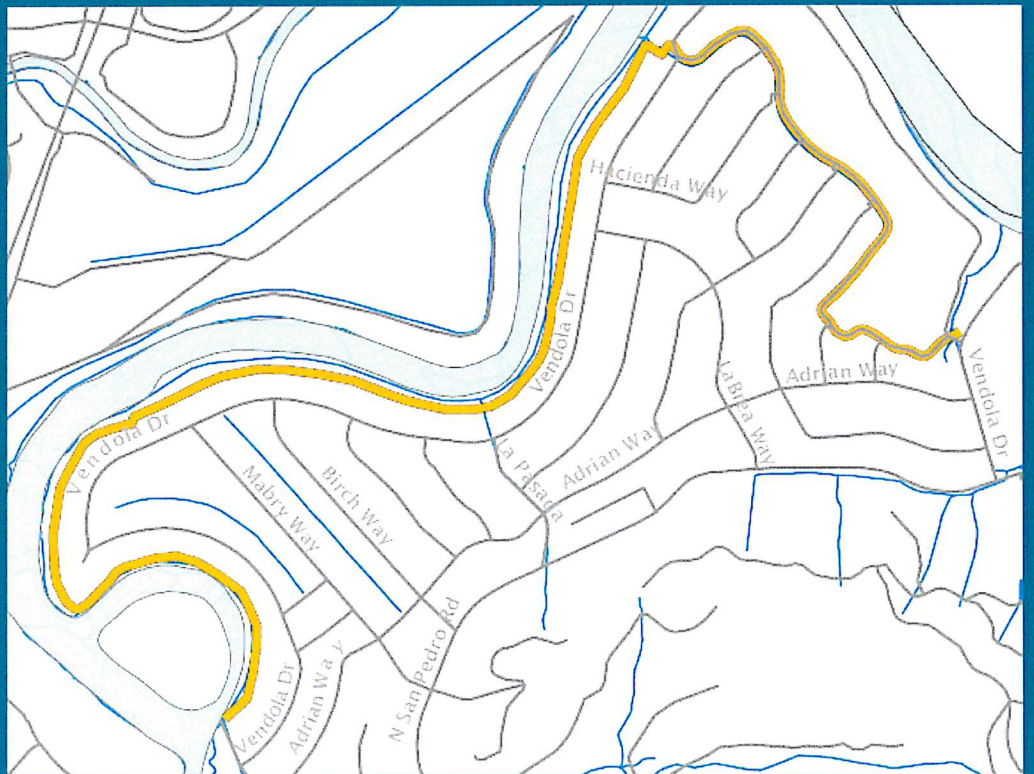


Marin County Flood Control and Water Conservation District
 County of Marin
 Date: October 2005
THIS MAP IS REPRESENTATIONAL ONLY. DATA ARE NOT SURVEY ACCURATE.

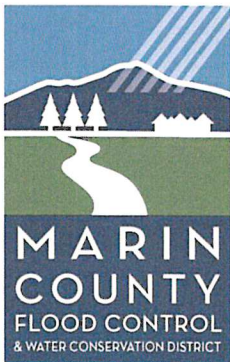
Scale: 1:10,000



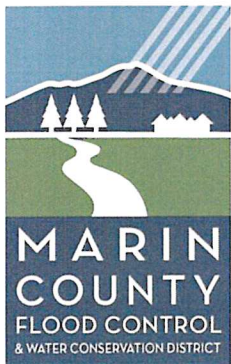
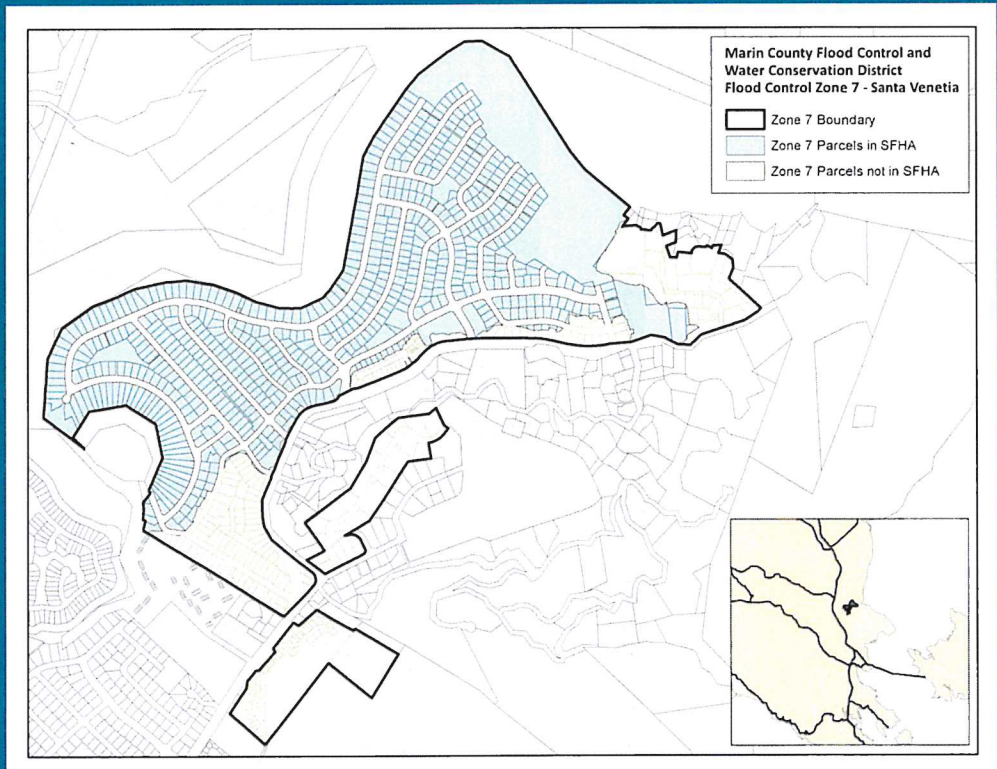
PERIMETER LEVEES



1950'S FLOODS



ZONE 7 FORMATION 1962 FEMA FLOOD INSURANCE PROGRAM 1968



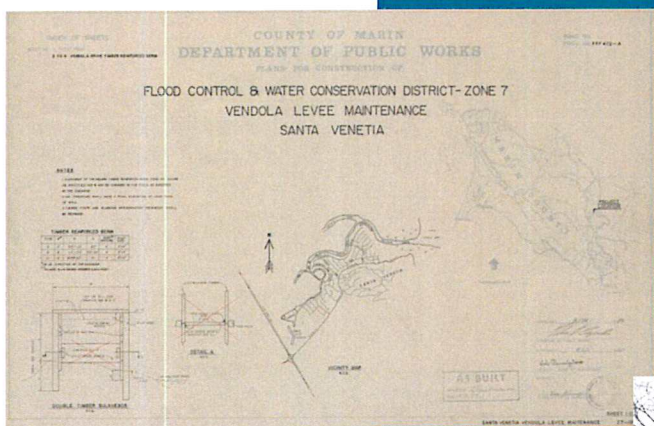
Zone 7 Advisory Board
August 21, 2019
Marinwatersheds.org

FLOODING IN 1970s & 1980s

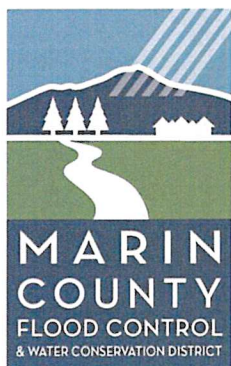


Zone 7 Advisory Board
August 21, 2019
Marinwatersheds.org

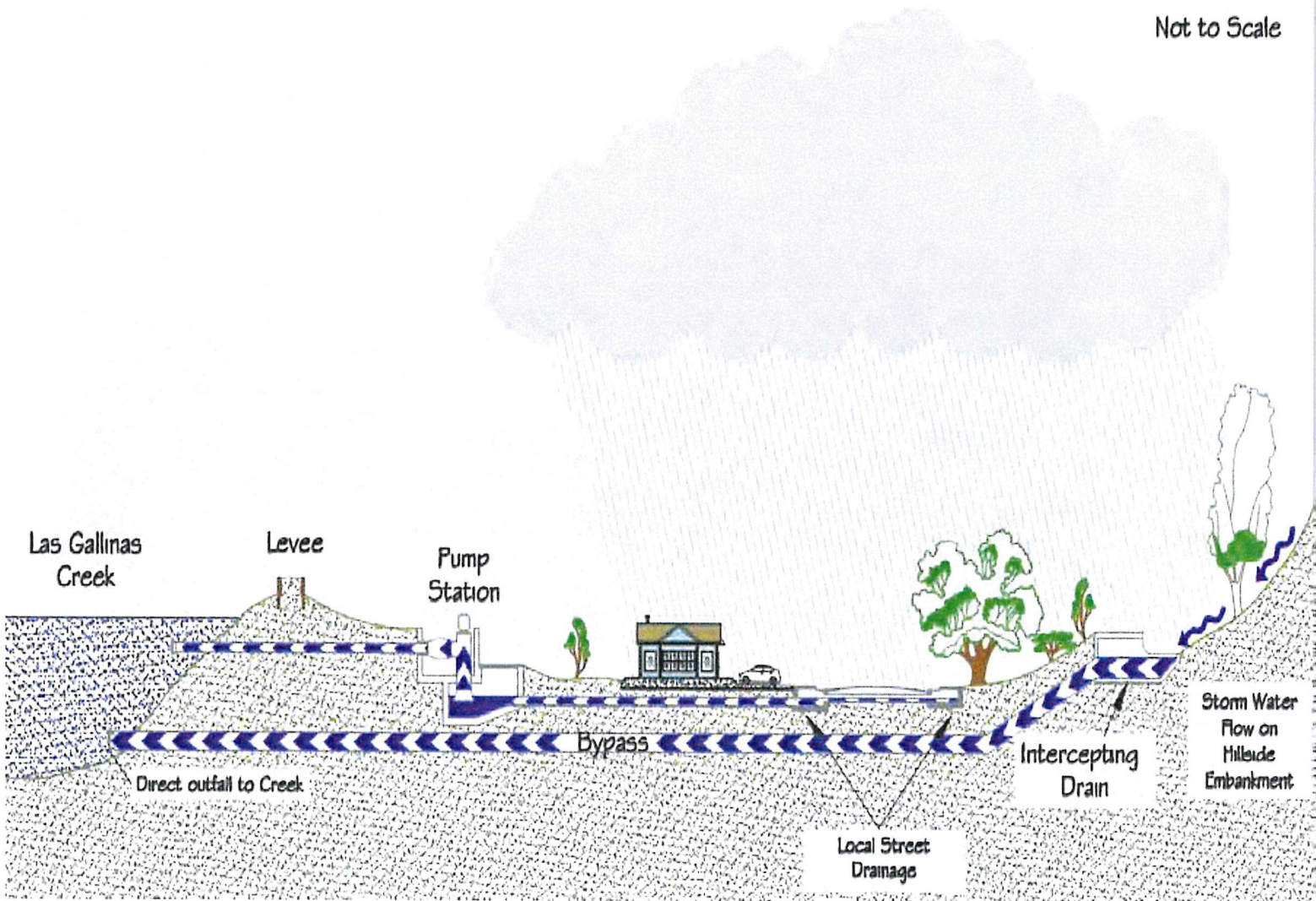
TIMBER-REINFORCED BERM COMPLETED 1984

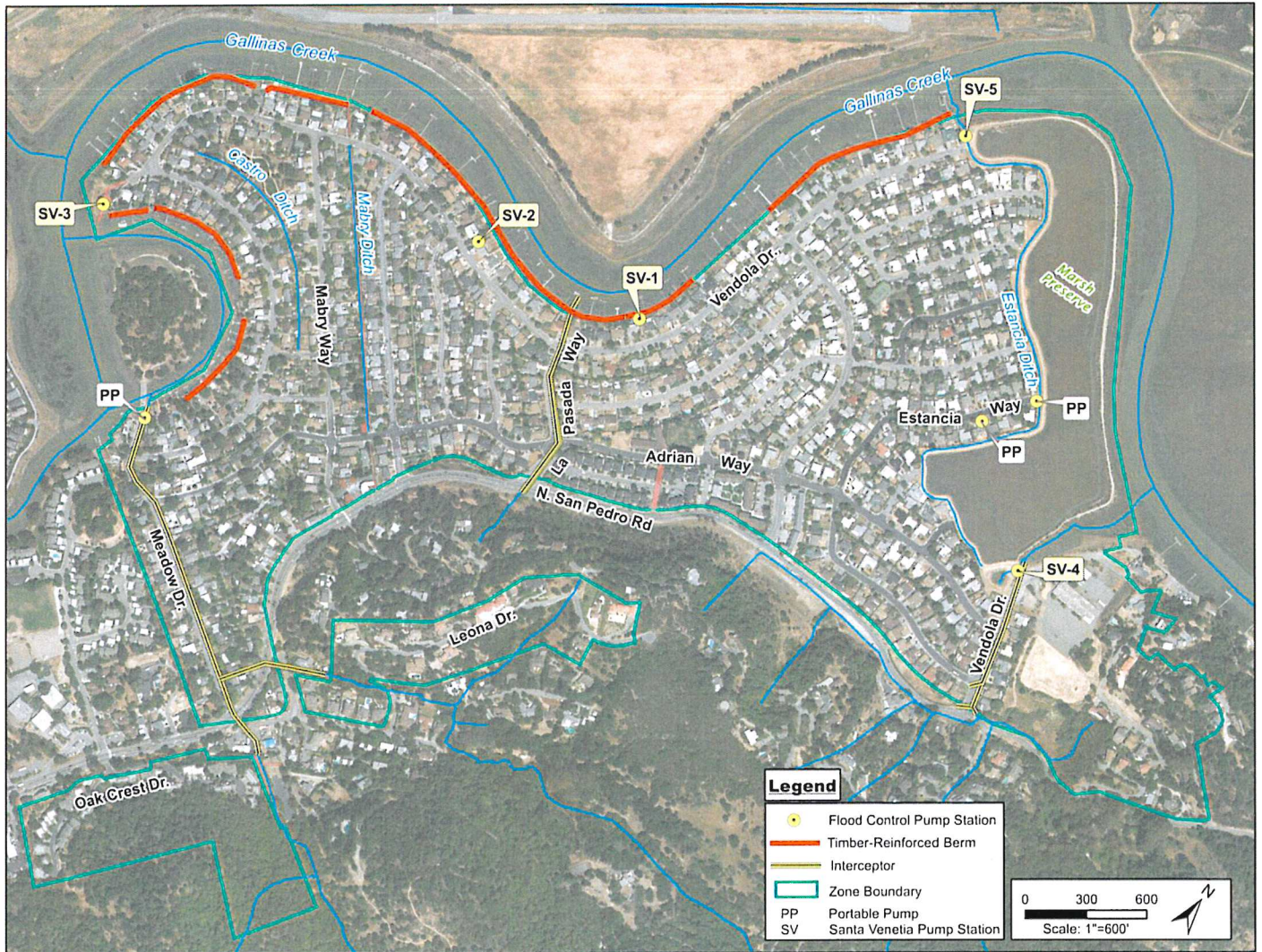


HIGHEST TIDES ON RECORD:
JAN 1983 8.7
DEC 1983 8.69 NAVD88



Not to Scale

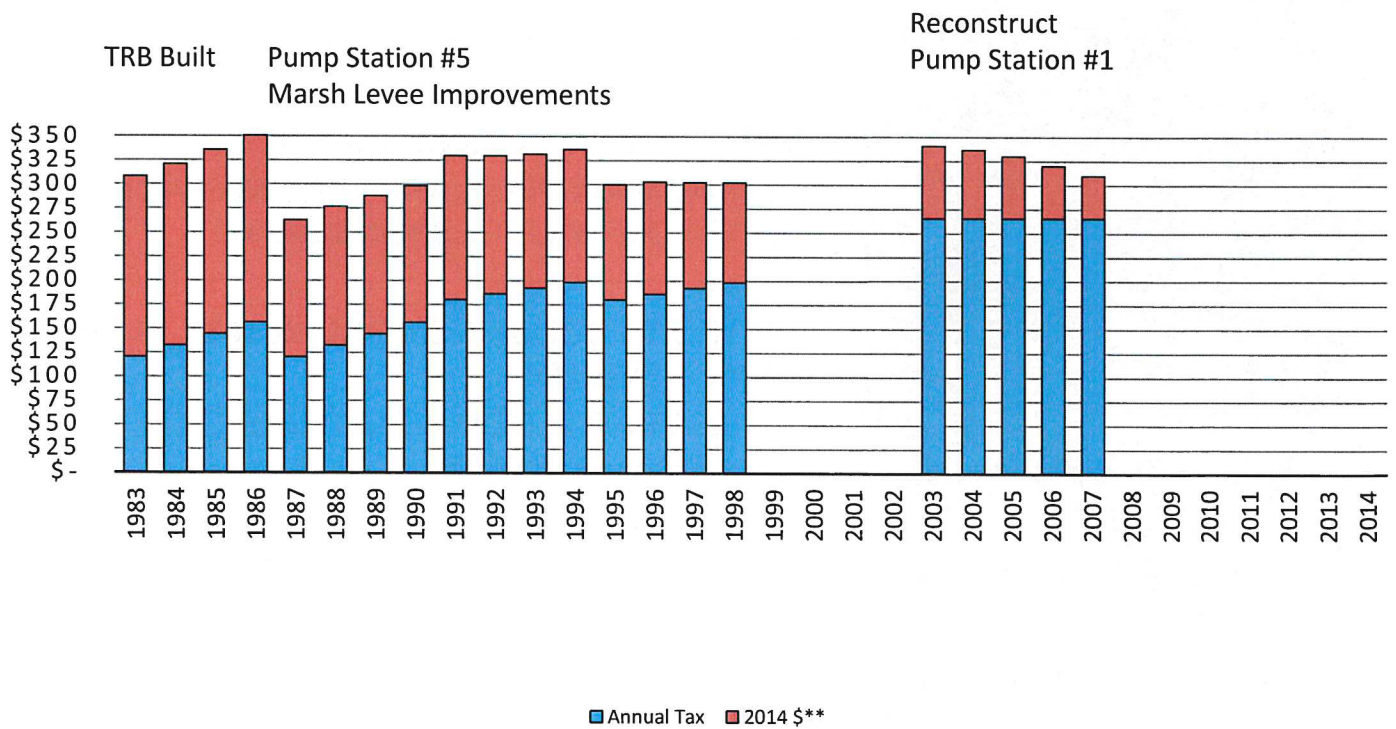




ZONE 7 VOTER-APPROVED SPECIAL TAX HISTORY

RED=IN 2014 DOLLARS

History of Special Taxes In Flood Zone #7





WHY FOCUS ON THIS PROJECT NOW ?

- INDEED ALL ASPECTS OF THE ZONE NEED MAINTENANCE
- ZONE HAS BEEN OPERATING ON LIMITED FUNDING FOR A LONG TIME
- FUNDING OPPORTUNITIES ARE LIMITED
- MOST PUMP STATIONS HAVE DISCHARGE CAPACITY
- STORMDRAIN PIPES ARE LIMITING FACTOR & NOT FLOOD DISTRICT RESPONSIBILITY
- DISTRICT FOCUSED ON COMMUNITY-WIDE & HIGH IMPACT EVENTS
 - 100-YEAR FLOOD WOULD INUNDATE SEVERAL HUNDRED HOMES
 - SEA LEVEL RISE, LAND SUBSIDENCE

King Tide, Santa Venetia timber-reinforced berm January 10, 2017 (Photo Credit: DPW)



Home > Resources > Publications & Reports > Las Gallinas Creek Levee Evaluation Reports And Documents

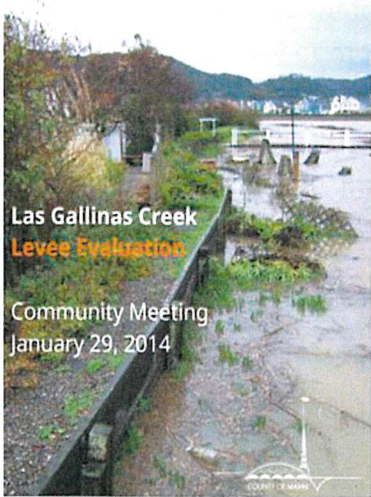
Resources

Publications & Reports

Las Gallinas Creek Levee Evaluation Reports and Documents

Publication Date: September 06, 2017 Document Type: Report Zone 7: Santa Venetia

Watershed Reference: Gallinas Creek



- Army Corps of Engineers and District
 - Las Gallinas Levee Evaluation
 - Geotechnical Alternatives Analysis
 - Hydrology and Hydraulics
- Santa Venetia Interior Drainage Study
- Gallinas Creek Sea Level Rise Vulnerability Assessment
- Geomorphic Dredge Memo

Document File

CAP 205 Study Termination Letter for Las Gallinas (U.S. Army Corps of Engineers, 2017)

Geotechnical Alternatives Analysis, Las Gallinas Levee System, San Rafael, California

(Kleinfelder, Inc., 2014)

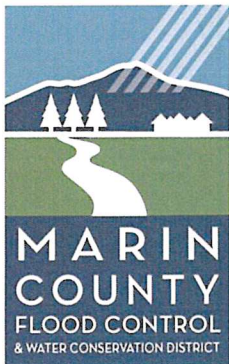
Las Gallinas Creek, CA - Preliminary Flood Damage Analysis (U.S. Army Corps of Engineers,

2014)

PUBLIC PROCESS TO DATE

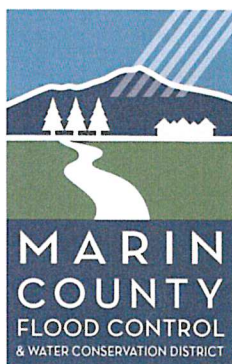
LEVEE ALTERNATIVES

- 2008 Questionnaire to levee owners
- Fall 2013 Santa Venetia Neighborhood Association Meeting
- January 29, 2014 Levee Evaluation Community Meeting
- October 27, 2015 Santa Venetia Neighborhood Association Meeting
- June 5, 2017 Town Hall Meeting
- September 13 Town Hall Meeting
- 2018 Questionnaire to levee owners

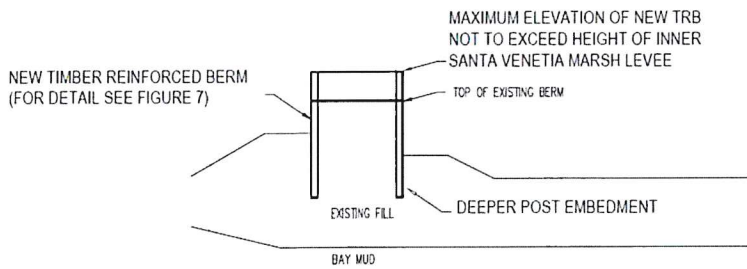


HOW DID WATERSHED PROGRAM INFORM NEEDS ASSESSMENT FOR SANTA VENETIA?

- Levee and stormwater drainage studies showed that levees are key to flood protection in Santa Venetia
 - Tidal flood risk is greater than stormwater; levees are crucial to protecting this community
 - Stormwater from upper watershed contributes, at much smaller magnitude
-



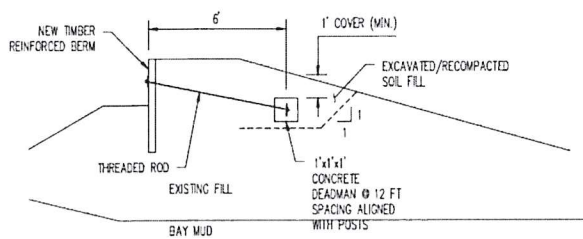
THIS TAKES US TO THE CURRENT PROJECT PROPOSAL



TYPICAL PROPOSED SECTION #1 RECONSTRUCTED TIMBER REINFORCED BERM WITH NO LANDSIDE SOIL BUTTRESS
 NOT TO SCALE



EXAMPLE PHOTO OF SECTION #1 (303 VENDOLA)



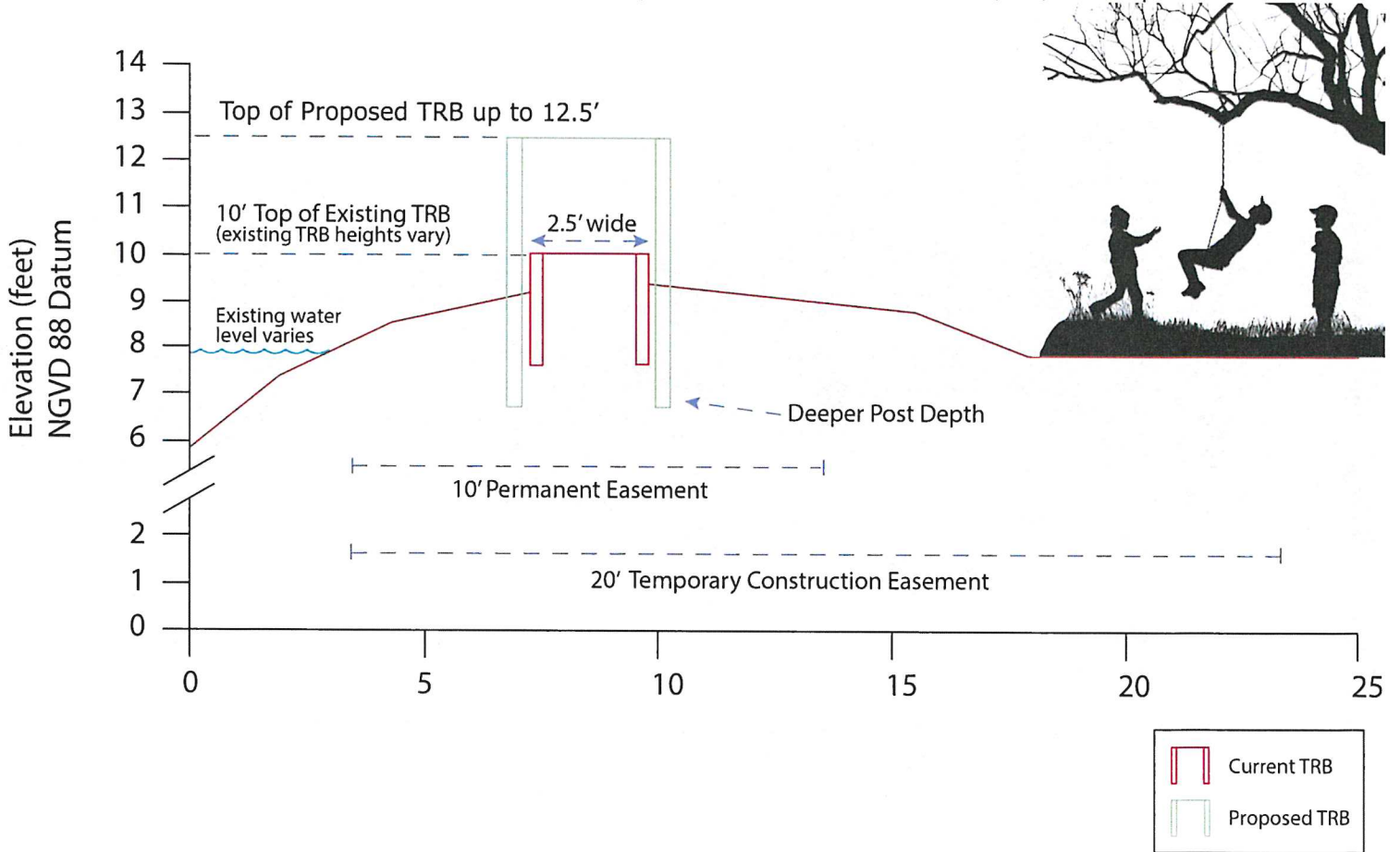
TYPICAL PROPOSED SECTION #2 RECONSTRUCTED TIMBER REINFORCED BERM WITH OPTIONAL DEADMAN, SLOPED LANDSIDE SOIL BUTTRESS
 NOT TO SCALE



EXAMPLE PHOTO OF SECTION #2

TYPICAL CROSS SECTION OF TRB AND EASEMENT

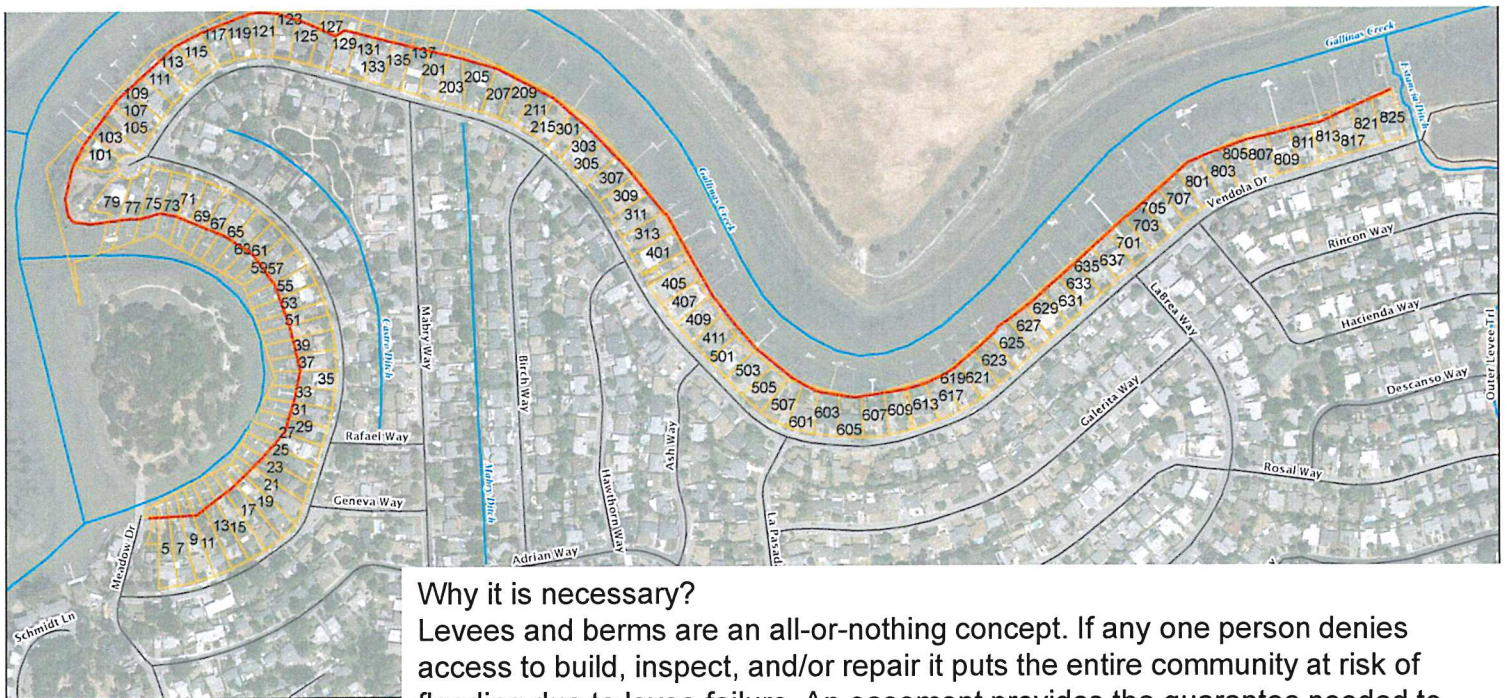
Comparison between Current and Proposed Timber-Reinforced Berm (TRB) and Proposed Easements



easement

a right to cross or otherwise use someone else's land for a specified purpose.

- Permission to use a specific portion of your property for a specific purpose, to be described in your deed. Can be very specific as appropriate.
- Often employed for utility maintenance.
- Ownership does not change



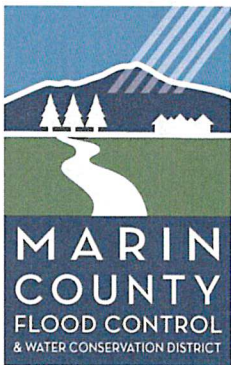
Why it is necessary?

Levees and berms are an all-or-nothing concept. If any one person denies access to build, inspect, and/or repair it puts the entire community at risk of flooding due to levee failure. An easement provides the guarantee needed to implement a full levee upgrade and ongoing inspection and maintenance.

CEQA DOCUMENT

CALIFORNIA ENVIRONMENTAL QUALITY ACT

State law requiring disclosure of environmental impacts.
 Focused on marsh habitat and work around protected species (marsh mouse and birds).
 Initial Study drafted and released for comments, responses currently being prepared.
 Will be posted soon.
 Describes envelope of maximum impact.



Date	Task/Deliverable
07/03/19	CEQA Initial Study released for public comment
08/05/19	Public comment period for Initial Study closed
08/21/19	Advisory Board meeting update
End of August	Final Initial Study (includes responses to comments); will be posted to project website
End of August	Mitigated Negative Declaration signed by Raul Rojas, Director of Public Works Department
End of August	MND filed with County Clerk; starts 30 statute of limitations on court challenges to the approval under CEQA
End of September	End of 30-day statute of limitations on court challenges to the approval under CEQA

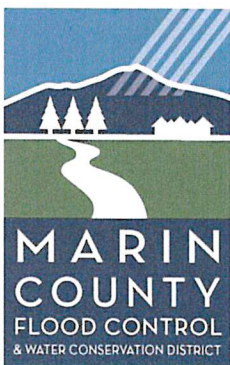
PROJECT FUNDING SOURCES

Parcel Tax Proceeds	\$1 M
Grant Target	\$3.11 M
County Contribution *contingent on successful tax measure & easements	\$840k
Existing ad valorem Zone 7 revenue in fund balance and expected over 7 years	\$1.35 M
Total:	\$6.3 M

BALLOT MEASURE

SUGGESTED TERMS FROM WORKING WITH SUBCOMMITTEE

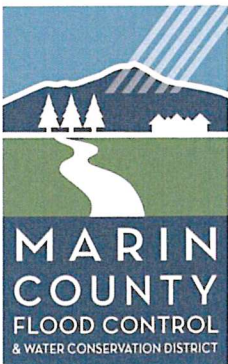
- ~\$181 per parcel per year
- Duration: 7 years
- Low Income Senior Exemptions
- Election: March 2020
- \$1 Million revenue
- All \$ spent on this project

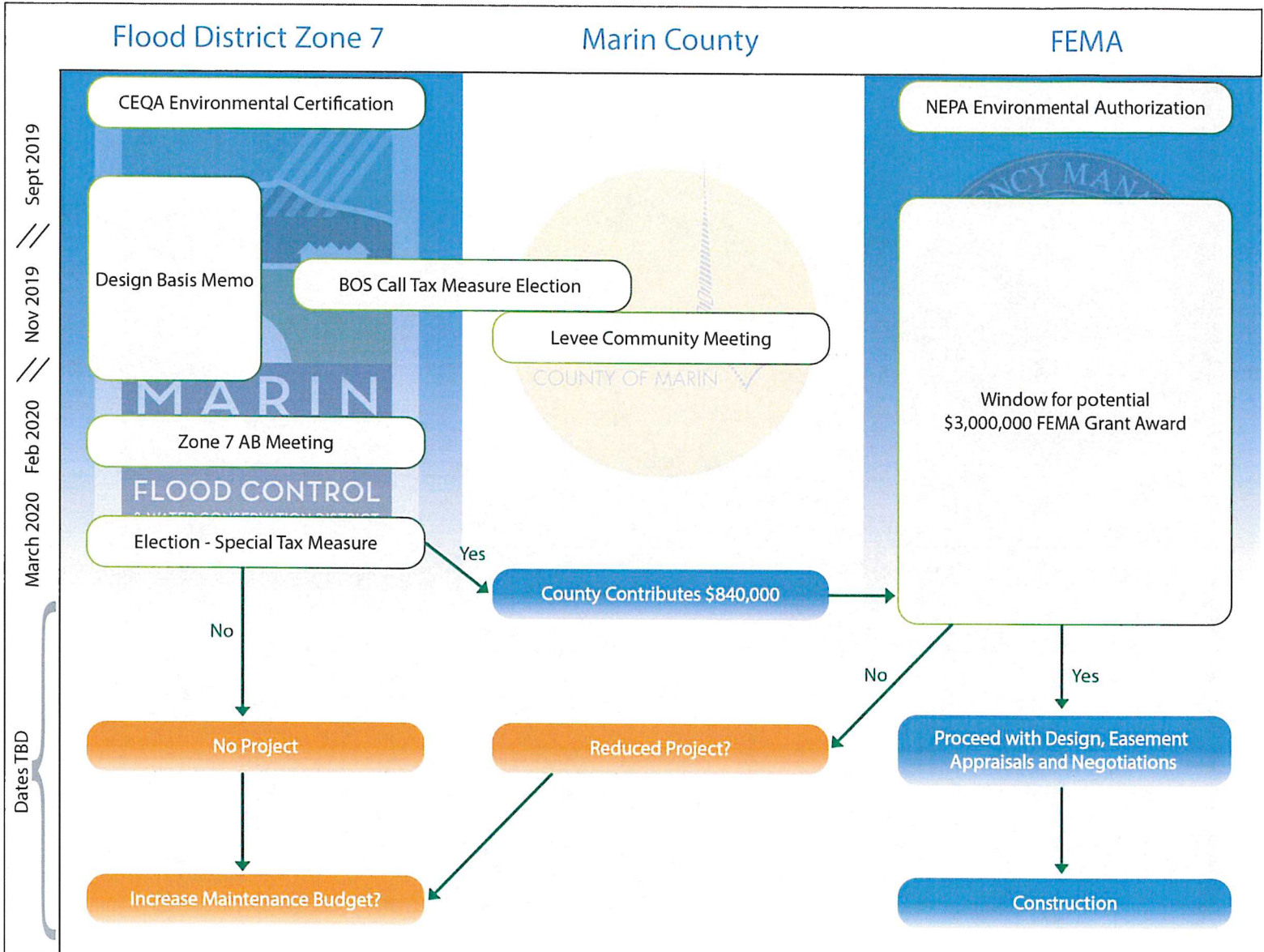


SUGGESTED BALLOT LANGUAGE

Flood Zone 7 Gallinas Levee Upgrade Project.

Shall Santa Venetia Flood Control Zone 7 obtain easements and upgrade the levee and timber reinforced berm protecting the neighborhood from tides by levying a tax of \$181 per developed parcel over seven years with low income senior exemptions, generating \$143,000 annually for the Gallinas Levee Upgrade Project?







THANK YOU

**GERHARD EPKE- SENIOR PROGRAM COORDINATOR
CERTIFIED FLOODPLAIN MANAGER (CFM)
MS HYDROLOGIC SCIENCES**

**HANNAH LEE- SENIOR CIVIL ENGINEER
PE, CFM, QSP/QSD**

**LIZ LEWIS- WATER RESOURCES MANAGER
MS BIOLOGICAL SCIENCES**

<http://www.marinwatersheds.org/zone-7.html>



**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 _____.

9/19/2019

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



Re: NEW Requirements: Mandatory Commercial Organics Recycling (MORe) Law, AB 1826

As of January 1, 2019, all commercial accounts who produce 4 cubic yards or more of solid waste a week must divert all of the organic materials that they produce.

What is a commercial Account?

This includes commercial or public entities like schools, hospitals, grocery stores, restaurants, shopping centers, offices, auto dealers, industrial businesses, nonprofit organizations, and others. A commercial business also includes all Multi Family Residential Dwellings (MFDs) with 5 or more units; however, it is not mandatory for MFD to divert food waste at this time. MFDs who self-haul yard trimmings should contact MSS to be placed on the compliant list.

What materials must be diverted?

- Food waste (*If an MFD would like to include the diversion of food waste with yard waste, the composting program is available to all MFDs.*)
- Leaves, Grass, Branches, Stumps and Trimmings
- Clean Dimensional Lumber (non-hazardous & untreated)
- Clean Engineered Wood (non-hazardous & untreated)
- Clean Pallets & Crates (non-hazardous & untreated)
- Compostable, unlined papers including cardboard

Why do I need to comply with this law?

AB 1826, the Mandatory Commercial Organics Recycling law (MORe) was signed in 2014 to help achieve California's aggressive recycling and greenhouse gas emission goals. California sends 30 million tons of garbage each year to landfills; of that, more than 30% is organic material which could be composted or used to produce renewable energy. Greenhouse gas emissions resulting from the decomposition of organic material in landfills have been identified as a significant source of pollution contributing to global climate change. For more information regarding this law, please visit the CalRecycle website at: <https://www.calrecycle.ca.gov/Recycle/Commercial/Organics/>

How can I become compliant?

It's easy! Sign up for organics diversion services with MSS **right away!** If services have not been set up, you will be referred to County of Marin and the State of California as non-compliant with the law. MSS offers two organics diversion programs and depending on the types and volumes of organic materials you generate; you may be required to have both services. **The Food to Energy (F2E) program** is designed for large producers of food waste and does not include any other materials on the organic list above. This program is not available to MFDs. **The Commercial Compost program** is designed for businesses and MFDs producing a small amount of food scraps combined with other material such as food soiled paper and yard waste.

Both organics programs are not only essential to reduce greenhouse gas emissions but also to achieve Marin County's Zero Waste goals. Please contact our Commercial Recycling Programs Coordinators at 415-456-2601 to help you become compliant today! Learn more about the laws and services provided at www.marinsanitaryservice.com.

Blackout warning system unveiled

Alerts

WILDFIRE PREVENTION

PG& E website updates likelihood of shutdowns

By Adrian Rodriguez

arodriguez@marinij.com @adrianrrodri on Twitter

Marin officials say a new alert system that forecasts PG& E's public safety power shutoffs is a welcome tool, but officials stress that residents should be prepared before the warning comes.

"This is good information for the public to have," said Thomas Jordan, program coordinator for the Marin County Office of Emergency Services. "But let's not forget that PG& E has to individually inspect and possibly repair its equipment before re-energizing," noting that Marin could see weeklong blackouts if electricity is cut.

Pacific Gas and Electric Co. this week launched the seven-day forecast system on pge.com/weather advising its 5 million customers across nine geographical regions on the potential for a PSPS.

If the weather in a given area meets certain conditions — including high winds, low humidity and low moisture content of vegetation — the utility will shut off power there for hours, or even days at a time.

A shutdown could affect telephones, cellular sites, water, lighting, cooling, computers, refrigeration, sanitation, gas pumps, ATMs, security systems, point-of-sale devices and schools.

PG& E launched the preventive power shutdowns in 2018 and has issued warnings about the potential for power cuts before, pledging to give 48 hours' notice before shutoffs if possible.

The new site offers daily updates on the likeli-

Blackout warning system unveiled

Alerts

FROM PAGE 1

hood of a shutdown across PG& E's territory in Northern and Central California.

As of Friday afternoon, the risk was at its lowest of four levels: Blackouts were "not expected" over the next week in any of the nine regions PG& E serves.

PG& E plans to issue a “PSPS Watch” when conditions create “a reasonable chance of executing” a power shutoff in an area within the next 72 hours. That level also means the company has opened its emergency operations center.

The utility will issue a “PSPS Warning” when a shutoff becomes probable and customers are being warned about blackouts. PG& E will continue to notify people by phone and email if that happens.

According to the county, approximately 69,000 Marin homes are within the highest risk fire zone called the wildland-urban interface, where residential properties abut open space.

A majority of Marin County is within what PG& E calls Tier 3 and Tier 2 wildfire threat zones, said PG& E spokesman Paul Moreno.

Tier 2 means there is an elevated risk for utility-associated fires, while Tier 3 is associated with the extreme risk. “It’s important for residents to be aware of the fire risk and to have an emergency plan,” Moreno said in an email.

The benefit of the added seven-day forecasting tool is that “residents can not only view their local weather conditions in real time but also view what high definition fire cameras are showing from seven different locations in Marin County,” he said.

Quinn Gardner, emergency manager for the San Rafael Fire Department, said preparation is key.

“We certainly hope that people aren’t waiting for the seven-day notice to start preparing for the public safety power shutoffs,” she said “But if that is the trigger that they need, hopefully it gives people some additional time to plan and do the things hopefully they’re doing now.”

San Rafael police Lt. Dan Fink said the new tool is “obviously a big help to serve the community.” But he said an alert is one thing. Getting through a power shutoff is another.

“One of the big issues that we will face is that traffic lights are going to be out,” Fink said. “We’re not going to have an officer at every intersection directing traffic, so drivers have to remember to treat the intersections as if there were a stop sign.”

Fink encouraged residents to sign up for emergency notifications at Alert-Marin.org and Nixle.com.

Similarly, Mary Jane Burke, Marin County superintendent of schools, said the school district has an emergency alert notification system for parents and employees and are working to make sure that contact information is up to date.

With the potential shutoffs come a lot of unknowns, she said. “Who knows which schools will be affected and for how long,” she said.

Burke said PG& E and Marin fire officials have visited with the school community to provide an overview of what to expect when the power chord is pulled. She said she is appreciative of the work that is being done.

“A power shutoff is not just going to affect us, it’s going to affect the entire community,” she said. “So we have to be collaborative and work together.”

More information on fire safety and preparedness is available at FireSafeMarin.org and readymarin.org. *The Bay Area News Group contributed to this report.*

Teresa Lerch

From: Las Gallinas Sanitary District <updates@datainstincts.com>
Sent: Friday, August 30, 2019 1:38 PM
To: Teresa Lerch
Subject: ADV: Construction Update – August 30



Secondary Treatment Plant Upgrade and Recycled Water Expansion Project

Construction Update – August 30, 2019

Construction on the three-year, \$62 million Secondary Treatment Plant Upgrade and Recycled Water Expansion Project continues! An upcoming construction milestone is a significant concrete pour, which will support the installation of the new Anoxic Basin, Aeration Basin, and Electrical Building.

An estimated total of 410 cubic yards of concrete will be brought onto the District's job site during September. This means that concrete trucks are expected to be making at least 80 trips in and out via Smith Ranch Road throughout that month. In addition, a large quantity of reinforcement steel deliveries will be taking place over the coming weeks, along with many other construction activities.

All this will result in a continuing, high amount of heavy construction and equipment traffic on Smith Ranch Road. A high level of caution is advised for anyone visiting the District.

The reclamation ponds parking area is open - if you are planning on visiting the reclamation ponds and trails, or the District offices:

- **BE CAUTIOUS** - you are very near a major construction zone and heavy construction traffic; drive slowly and watch in all directions for equipment, trucks, and work crews on Smith Ranch Road.

- BE AWARE of lane changes and temporary closures of Smith Ranch Road.
- OBSERVE ALL SAFETY & TRAFFIC SIGNAGE and follow directions from construction flaggers and workers.
- DO NOT PARK ON SMITH RANCH ROAD - the only parking for the reclamation ponds is at the trailhead parking lot – there is no overflow parking available.
- DO NOT WALK ON SMITH RANCH ROAD

By the way, a cubic yard of concrete is 27 cubic feet – imagine a large kitchen refrigerator to get an idea of the area that a cubic yard takes up. Now multiply that size by 410 and you can see that this is a remarkable quantity of concrete!

Go to www.lgvsd.org/construction before your visit to make sure the access road and trailhead are open and available, and for updates and more information about this project.

Thank you for your continued patience during this construction. We apologize for any inconvenience - these cautionary guidelines are necessary to help ensure the safety of all visitors and construction crews.

[Click here for more information about this project](#)

Copyright © Las Gallinas Valley Sanitary District, All rights reserved.

Our mailing address is:
Las Gallinas Valley Sanitary District

300 Smith Ranch Road
San Rafael, CA 94903

Want to change how you receive these emails?
You can [update your preferences](#) or [unsubscribe from this list](#).

This email was sent to tlersch@lqvsd.org

[why did I get this?](#) [unsubscribe from this list](#) [update subscription preferences](#)

LGVSD · 300 Smith Ranch Rd · San Rafael, CA 94903-1929 · USA



MOST POPULAR | LOCAL | SPORTS

Opinion **Commentary**

Dellums: Expand California recycling of Styrofoam containers

By **RON DELLUMS** |

PUBLISHED: April 6, 2018 at 6:45 am | UPDATED: April 6, 2018 at 6:51 am

Get Morning Report and other email newsletters

SIGN UP

By supporting a statewide effort to promote foam container recycling Californians can again be leaders on environmental preservation while at the same time creating jobs in our state.

Follow Us

Almost everyone is familiar with the inexpensive containers, commonly referred to as Styrofoam. Most of us know how effective foam cups are at keeping hot drinks hot and cold drinks cold, but we assume we are doing the environmentally friendly thing by using paper cups for a to-go coffee instead.

MOST POPULAR

- 1 Gruden gets his first crack at coaching Raiders players**
- 2 Two people shot outside Home Depot in Emeryville, police say**

This was the idea behind the ban on foam cups and takeout containers for restaurants that has been in place in Oakland since 2006 and San Jose since 2013. But the truth is paper coffee cups are normally lined with plastic, which makes them neither biodegradable nor easily recyclable.



Ron Dellums

What most people don't know is that foam containers can be recycled. The containers are made up of 95 percent and 5 percent of a plastic called polystyrene, which has the #6 recycling code. It is the same type of plastic that is commonly used to make pens and CD cases.

However, in part because of citywide bans of foam food containers, recycling foam packaging is difficult in California. For example, the closest drop-off point for foam packaging to Oakland is in El Cerrito, and most of us aren't going to drive 10 miles up I-80 just to recycle the foam packaging we got in the mail.

As national leaders on the environment, we as Californians can do better.

Gov. Jerry Brown and the state Legislature have already shown the ability to lead on the environment and climate change. Last June, Brown won

3 Employee of Martinez school district accused of sex crimes

4 Walnut Creek: Ex-doctor takes house arrest in sexual assault of patient

5 Concord bayonet stabbing victim died defending his girlfriend, police say

6 Man killed in Fremont police shootout was trailed by undercover officers

7 Suspect in Bay Area sexual assaults arrested

8 Two men wounded in East Oakland shootings

extension of California’s cap-and-trade emissions program with support of both the Environmental Defense Fund and the California Chamber of Commerce.

Now they have the chance to lead on the environment again and make California the national leader on recycling.

Assembly Member Evan Low has introduced a recycling bill, AB 2921, that would place a fee on the manufacturers of foam containers and use the money to pay grants for expanded recycling and anti-litter programs.

These grants could be awarded to cities implementing recycling programs like the one presently in San Diego, a project that the mayor has touted as a public good that is akin to garbage collection and road repair. Rather than banning foam containers, the San Diego’s City Council voted to include #6 foam products in their citywide curbside recycling program.

This business-friendly approach means that instead of takeout containers ending up in the landfill or as litter, the foam containers are being recycled and get new life as insulation, picture frames and classroom supplies.

A small fee absorbed by the container manufacturers is certainly preferable to the effects of a ban, which forces restaurants that rely on take-out as a large part of their business to pay much more for their containers, a cost that gets passed on to employees and customers in an industry that already operates on razor-thin margins. An environmental solution to trash and littering that helps keep costs down for small businesses and consumers is one that we should all support.

Related Articles

- [Opinion: End backroom deals over Richmond's Point Molate](#)
- [Opinion: Water conservation bills offer map to California water security](#)
- [Opinion: Providing healthier relationships can prevent child abuse](#)
- [Opinion: Offshore wind energy could also power labor unions](#)
- [Opinion: After MLK killing Oakland was 'not for burning!'](#)

As part of my “Model City” campaign for Oakland as mayor, I helped establish a public-private partnership that brought much-needed jobs to the city, as well as an initiative to build a green business community. We rejected the notion that

what is good for the environment has to be bad for business.

I applaud Assemblyman Low for his effort to do the same, showing environmental leadership that puts California back in the spotlight as a model for the country.

Ron Dellums was a member of Congress from 1971-98 and mayor of Oakland from 2007-11.

Tags:
California State Assembly
Environment



Ron Dellums

Subscribe Today! All Access Digital offer for just 99 cents!
blog comments powered by **Disqus**

More in Commentary

Courts and elected officials should uphold democracy and public participation, not suppress it.

Opinion: End backroom deals over Richmond's Point Molate

April 09, 2018, 5:07 am

Courts and elected officials should uphold democracy and public participation, not suppress it.

Silicon Valley businesses are helping bring California's water system into the 21st century

Opinion: Water conservation bills offer map to California water security

April 09, 2018, 5:09 am

Silicon Valley businesses are helping bring California's water system into the 21st century

Surrounding youth with positive role models reduces domestic, family, school, and criminal violence

OPINION

Renewable natural gas: The climate change solution with limited awareness of its potential

By Michael Bakas

Published Aug. 28, 2019

The following is a contributed article from Michael Bakas, Executive Vice President of Ameresco.

When it comes to addressing climate change, we must pursue the many diverse approaches for reducing carbon emissions. One of the most overlooked opportunities in our arsenal today is renewable natural gas (RNG).

It's simply not getting enough attention in relationship to its potential for major impact.

RNG is natural gas derived from processing raw biogas, which is produced from industry, agriculture and waste management. The most common source of biogas — which consists largely of methane — is the breakdown of organic waste at wastewater treatment plants and landfills. And methane is at least 28 times more potent than carbon dioxide at trapping heat in the atmosphere. By capturing waste methane and processing it to make RNG, we can avoid its negative effects while also decreasing reliance on fossil fuels.

With RNG, instead of extracting sequestered natural gas from the ground to use as a fuel source, we can repurpose what already

exists, creating a "green gas" that is interchangeable with traditional pipeline-quality natural gas. And, RNG acts as a baseload resource when other renewable sources, such as wind and solar, simply cannot.

An immediate benefit of RNG plants is their ability to create new revenue streams for municipalities, farmers and industrial companies that can sell this resource into the natural gas grid to generate income. Phoenix and San Antonio have already done so, and with so many untapped, domestic methane sources, the potential is tremendous.

And in the long-term, RNG will also contribute to energy security by providing the gas grid enhanced diversity of supply that further diminishes the need to import fuel from foreign sources while also building up the onshore RNG industry. There's potential to create thousands of "green collar" jobs in building, operating and maintaining RNG plants.

What's the hold up for adoption? There's limited awareness for RNG's potential. And, a misconception that RNG is only "sellable" to trucking and transportation. But, institutions across industries are now using RNG to replace fossil fuel combustion. And some utilities are working to decarbonize their pipelines.

SoCalGas has made a commitment to replace 20% of its traditional natural gas supply with RNG by 2030. A study by Navigant Consulting found that replacing 16% of California's natural gas supply with RNG would cut greenhouse gas emissions as much as converting all state buildings to electric-only energy by 2030.

Utilities across the country have made similar RNG pushes too. CenterPoint Energy has proposed offering RNG to its customers in Minnesota; Summit Utilities is hoping to offer RNG to customers in Maine.

To unlock the full potential of RNG, it needs a supportive regulatory environment, locally and nationally.

The federal Renewable Fuel Standard (RFS) has driven demand for ethanol-based gasoline and other types of renewable fuels, including RNG. The RFS program has supported the development of the RNG market since 2014, and exponential growth will require a more robust role for RNG in the future. And, RNG could play a massive role in the energy economy: according to the Coalition for Renewable Natural Gas, RNG production from 2015 through 2018 has more than doubled under the RFS.

The RNG industry has experienced an average annual growth rate of 30%. In 2018, RNG production outpaced EPA's projections for the year. At the local level, states can support the RNG market by considering the role of RNG in renewable portfolio standards. These actions combined will allow the U.S. to reap the benefits of RNG broadly in terms of climate change, revenue generation, energy security and job creation.

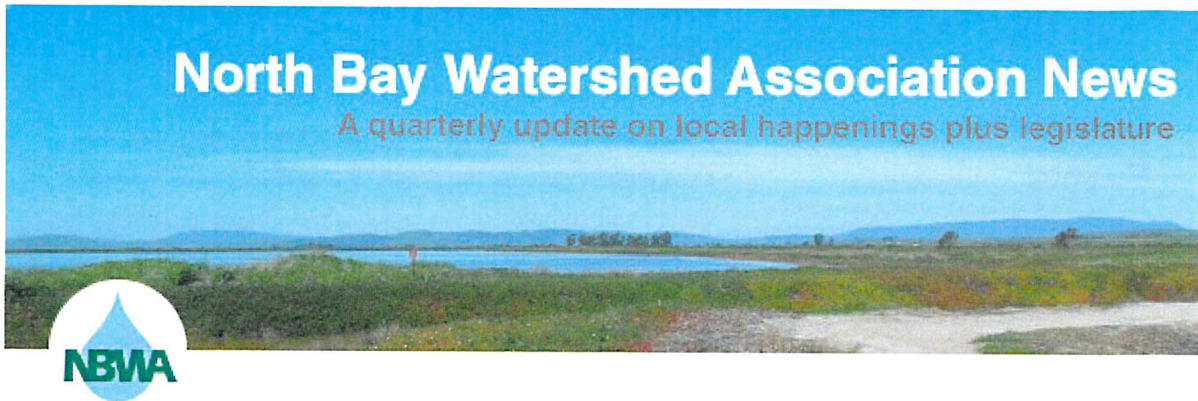
Consider how the San Antonio Water System — the first community water system to create a wastewater-to-biogas plant of its kind — benefitted. The plant, which processes over 1.5 million standard cubic feet of RNG per day, captures biogas and then sells it through a commercial gas pipeline, generating annual royalties while also removing 19,739 tons of carbon from the atmosphere — the equivalent of the energy expended to heat more than 4,600 homes for a year.

Phoenix, in partnership with its surrounding communities, recently opened the largest wastewater-to-biogas plant in the U.S., a facility capable of reducing CO₂ emissions by 44,671 tons a year, equating to the removal of more than 9,400 cars from the road annually.

With success like that in mind, it's very clear: it's time to make RNG mainstream.

Teresa Lerch

From: North Bay Watershed Association <NBWA@scwa.ca.gov>
Sent: Tuesday, September 10, 2019 8:00 AM
To: Teresa Lerch
Subject: ADV: NBWA Quarterly Newsletter -Fall 2019

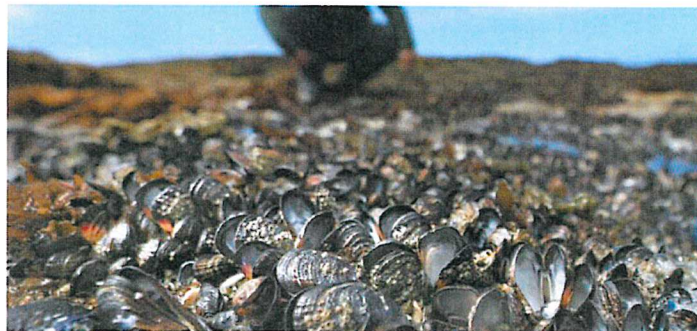


Fall 2019

Mussel die-off an alarming sign of warming's threat

In this issue

- LGVSD revives lateral ordinance effort
- State approves \$20M for Bel Marin Keys wetlands restoration
- PFAS Explained: The growing crisis of 'forever chemicals'
- Ghost town makes way for Lagunitas Creek salmon habitat



In yet another sign of the toll exacted by rising temperatures on the ocean environment, a period of extreme heat last month appears to have killed off a large portion of the mussel bed in Bodega Bay.

State & Federal

Read the article

- [X Band Radar Improves Rainfall.](#)

Creek Flow

Predictions

- State approves \$20M for Bel Marin Keys wetlands restoration
- Controversial water legislation heads to CA Assembly floor

Upcoming Events

Board Meetings

- September 6
- October 4
- November 1



September Community Events
Details can be found [HERE](#)

Member Agencies Updates



Broad-Based Partnership Takes Next Step Toward Two-Basin Solution

On Friday, June 28th, a diverse partnership between a conservation organization and several public agencies will file a joint Notice of Intent (NOI) with the Federal Energy Regulatory Commission stating that they plan to apply for a permit to take over operations of the Potter Valley Project. California Trout (CalTrout), Mendocino Inland Water and Power Commission, Sonoma County Water Agency (Sonoma Water) and the County of Humboldt are working together to set a path forward for the Project that will meet the needs of water users throughout the region while improving conditions for native species in the Eel River watershed. The move comes after PG&E announced in January that it would not seek a new license for continued operation of the Project.

[CLICK HERE TO READ THE FULL REPORT](#)

Las Gallinas sewer district revives lateral ordinance effort

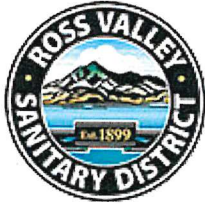


The Las Gallinas Valley Sanitary District is once again attempting to develop a sewer lateral ordinance after past

[Sonoma Water receives
Highest Credit Rating
Possible for Water
Bonds](#)

attempts ran into opposition from the Marin Association of Realtors...

[Read the article](#)



[Ross Valley Sanitary
District Achieves 100%
Clean Energy Goal](#)

[RVSD begins toxin
cleanup in Larkspur](#)

Ghost town remnants make way for Lagunitas Creek salmon habitat



Over the next few months, these last vestiges of the former creekside subdivision will be plucked from the earth to restore the historic floodplains and channels where the now-endangered coho salmon once found refuge.

[Read the full article HERE](#)



[Las Gallinas Secondary
Treatment Plant
Construction Update](#)



[Marin Water supplies
higher than normal](#)

[MMWD Release Water
Quality Report](#)

PFAS EXPLAINED: The growing crisis of 'forever chemicals'

PFAS are a group of chemicals that have become ubiquitous in consumer goods – and the environment. What are they and what can be done about them?

[TO READ THE REPORT CLICK HERE](#)

Estuary News

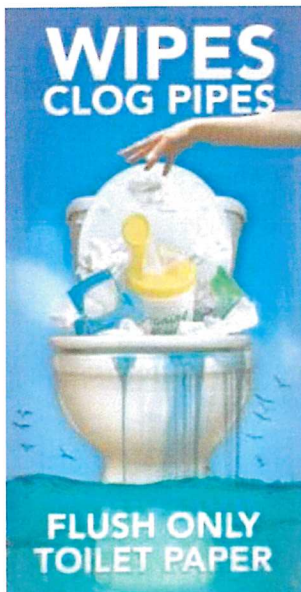


Sonoma Water breaks ground on sewer project

The Sonoma Valley County Sanitation District's Sewer Trunk Main Replacement Project began on Tuesday, July 16. The project is part of the ongoing effort to increase the system's capacity and prevent sanitary sewer overflows.



[Learn more about this project](#)



Napa Sanitation District to hold Citizens Academy in October

Contact Us

If you have information that you think could be featured in

an NBWA newsletter, please
email NBWA@scwa.ca.gov.



Napa Sanitation District is accepting applications for its free Citizens Academy that lets participants learn about the local wastewater treatment system.

[Read how to apply here](#)

Novato wetlands flood control project slated for 2020



To reduce flooding on roads near Novato Creek, a Marin County flood control agency and a local environmental group are partnering to upgrade flood control equipment and improve wetlands in the Simmons Slough basin.

[Read the article](#)

P2 - Pollution Prevention for a Resilient Planet

September 16 - 22, 2019

<https://www.epa.gov/p2week>

Copyright © 2019 North Bay Watershed Association, All rights reserved.

Our mailing address is:

North Bay Watershed Association c/o MMWD

220 Nellen Ave.

Corte Madera, CA 94925

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#)



NEWS > LOCAL NEWS

Las Gallinas sewer district revives lateral ordinance effort



The Las Gallinas Valley Sanitary District plant in San Rafael. The daily flow is about 2.2 million gallons in dry weather and 20 million gallons or more during storms. (Alan Dep/Marin Independent Journal)

By **RICHARD HALSTEAD** | rhalstead@marinij.com | Marin Independent Journal

PUBLISHED: August 11, 2019 at 11:33 am | UPDATED: August 14, 2019 at 4:42 pm

The Las Gallinas Valley Sanitary District is once again attempting to develop a sewer lateral ordinance after past attempts ran into opposition from the Marin Association of Realtors.

"I've been here at the district since last November and one of the things waiting for me was to move the sewer lateral ordinance forward," said district manager Mike Prinz.

A letter outlining what a possible ordinance might look like has been mailed to the district's ratepayers seeking their feedback.

"That describes some of the fundamental concepts that we wanted to get people's reaction to," Prinz said. "We've got concepts that we're working with but we don't have draft language ready for anyone."

Sewer laterals are pipes that carry wastewater from a residential property to the sewer main pipeline in the street, which eventually leads to the district's wastewater treatment plant.

Excess water can enter the lateral in two primary ways: cracks in the pipe, often caused by tree roots or age, and illegal connections such as sump pump discharges or gutter downspouts.

According to the district, Las Gallinas has an average dry weather flow of about 2.2 million gallons per day; however, during rain storms the district's treatment plant can experience flows of over 20 million gallons per day, which dramatically increases operational costs.

Under the proposal outlined in the district's letter, Las Gallinas homeowners would be required to get their laterals inspected if they did a remodel valued at \$15,000 or more or if they sold or transferred ownership of their home.

Most notably, however, homeowners would be given a two-year grace period to repair or replace faulty laterals.

A fact sheet accompanying the letter states, "Most ordinances require replacement prior to close of escrow of a home sale or within 90 days for all other triggers."

The proposal also would not require Las Gallinas homeowners to have their laterals pressure tested. According to the fact sheet, the district instead would allow homeowners to use a fiber optic camera to do a visual inspection of the pipe, which would cost about \$400 to \$600, including administrative costs.

In 2005, the district considered adopting an ordinance that would have required laterals to be replaced prior to close of escrow if a home was being sold. But the idea ran into stiff opposition from the Marin Association of Realtors and was dropped.

“That has been something Las Gallinas has considered in the past,” Prinz said. “It’s a heavy lift to get done in the time frame of a normal escrow.”

Prinz said he has sought the Marin Association of Realtors’ feedback on the district’s new approach.

“We made several attempts to get their input,” he said. “They didn’t engage. It seemed like it didn’t register as a concern with them.”

In an email late Friday afternoon, Gene Laico, president of the Marin Association of Realtors, wrote that he appreciated the district’s proposed grace period but has concerns about the inspection triggers.

“We believe that enforcing sewer lateral upgrades at the point of sale is an inefficient way to get all residents to comply with new standards,” Laico wrote.

Prinz said he will update the district’s board of directors on the reaction from ratepayers in September and hopes to get a draft ordinance to them that same month or by early October.

“My goal is to get an ordinance developed some time in the early winter,” he said, “with an effective date around the beginning of the year potentially.”

The San Rafael Sanitary District has indicated it will develop a private lateral ordinance and model it after whatever is adopted by Las Gallinas.

Tags: **business, environment, Las Gallinas Sanitary, newsletter, Real estate**



SPONSORED CONTENT

**Mom Surprised
Daughter By Showing**

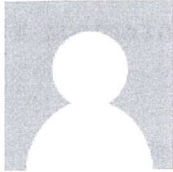


Up To Her Dorm Unannounced, Then Made Humiliating... [↗](#)

By Upbeat News

upbeat

Mom wanted to surprise her daughter by showing up to her dorm room unannounced and well, what a terrible mistake...



Richard Halstead

Richard Halstead is a news reporter covering Marin County news, politics, health care, social services, Fairfax and San Anselmo.

[Follow Richard Halstead @HalsteadRichard](#)

