



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

February 14, 2019

- Locations:** 1) 300 Smith Ranch Road, San Rafael, CA. 94903
2) 28916 Willow Creek St., Farmington Hills, MI 48331

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

Estimated Time

- 4:00 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.
- CLOSED SESSION:**
- 4:05 PM 2. CONFERENCE WITH LABOR NEGOTIATOR: – Agency designated representative: Glenn Berkheimer, IEDA; pursuant to Government Code Section 54957.6**
- 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 January 31, 2019
 - B. Approve the Warrant List for February 14, 2019
 - C. Approve Call for Bids – Marinwood Trunk Sewer Repair
 - D. Approve Special Board Meeting Request
 - E. Approve Order of the Board that publication of Ordinance 175 has occurred
- Possible expenditure of funds: Yes, Items B and C.
Staff recommendation: Adopt Consent Calendar – Items A through E.
- 4:45 PM 3. GUIDE DOGS WILL SERVE LETTER APPROVAL**
Board to review and discuss conditions of approval.
- 4:55 PM 4. SEWER LATERAL ORDINANCE STATUS UPDATE**
Staff to explain status of Sewer Lateral Ordinance and development.
- 5:10 PM 5. WINTER NEWSLETTER TOPIC SELECTION**
The District Winter Newsletter topics will be discussed and confirmed.
- 5:20 PM 6. REGULAR BOARD MEETING DAY AND TIME DISCUSSION**
Board to discuss potential changes to regular meeting schedule.
- 5:35 PM 7. BOARD MEMBER OUTSIDE COMMITTEE MEETING ATTENDANCE COMPENSATION**
Board to discuss and clarify criteria for committee meeting attendance compensation.
- 5: 50 PM 8. INFORMATION ITEMS:**
- A. STAFF/CONSULTANT REPORTS:
 1. General Manager Report – Verbal
 2. Draft Strategic Plan Implementation Schedule – Written
 3. Bulk Polymer Purchase – Written
 4. Biosolids Fact Sheet – Written
- 6:05 PM 9. BOARD REPORTS:**
1. LAFCO - Verbal
 2. Gallinas Watershed Council / Miller Creek Watershed Council– Verbal
 3. JPA Local Task Force on Solid and Hazardous Waste – Written
 4. Flood Zone 7 – Verbal
 5. NBWA – Verbal
 6. NBWRA/North Bay Water – Verbal
 7. Engineering Subcommittee – Verbal
 8. Other Reports – CASA Air Quality Climate Change and Energy Workgroup Meeting – Murray, CASA Conference Risk Management Seminar – Elias, BASMAA Post-Construction Manual Report – Schriebman

6:20 PM

10. BOARD REQUESTS:

- A. Board Meeting Attendance Requests – Verbal
- B. Board Agenda Item Requests – Verbal

6:25 PM

11. VARIOUS ARTICLES AND MISCELLANEOUS DISTRICT CORRESPONDENCE

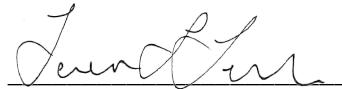
6:30 PM

12. ADJOURNMENT

AGENDA APPROVED:	Craig K. Murray, Board President	David Byers, Legal Counsel
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CERTIFICATION: I, Teresa Lerch, District Secretary of the Las Gallinas Valley Sanitary District, hereby declare under penalty of perjury that on or before February 11, 2019 at 4:00 p.m., I posted the Agenda for the Board Meeting of said Board to be held February 14, 2019 at the District Office, located at 300 Smith Ranch Road, San Rafael, CA.

DATED: February 11, 2019



Teresa L. Lerch
District Secretary

The Board of the Las Gallinas Valley Sanitary District meets regularly on the second and fourth 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.

SPECIAL MINUTES OF JANUARY 31, 2019

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3 THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT MET IN OPEN
4 SESSION ON JANUARY 31, 2019 AT 4:32 PM, AT THE DISTRICT OFFICE, 300 SMITH RANCH
5 ROAD, SAN RAFAEL, CALIFORNIA.
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7 **BOARD MEMBERS PRESENT:** M. Clark, R. Elias, C. Murray, J. Schriebman and
8 C. Yezman
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10 **BOARD MEMBERS ABSENT:** None.

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12 **STAFF PRESENT:** Mike Prinz, General Manager; Teresa Lerch, District
13 Secretary; Greg Pease, Collection System and Safety
14 Manager; Robert Ruiz, Administrative Service Manager
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16 **OTHERS PRESENT:** Patrick Richardson, District Counsel; James Raives,
17 Sarah Richards and Carl Somers from Marin County
18 Parks:
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:** Schriebman mentioned an incident of illegal dumping.
25 Prinz will investigate the matter.
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27

28 **MCINNIS MARSH RESTORATION PROJECT**

29 James Raives, Sarah Richards and Carl Sommers from Marin County Parks gave the Board a
30 presentation on the McInnis Marks Restoration Project. Discussion ensued.
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32 **MERRYDALE ROAD PROMENADE PRESENTATION**

33 Members of the public (Shirley Fischer, Diane Furst and Cathy Manovi) spoke to the Board. Discussion
34 ensued.
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36 **CONSENT CALENDAR:**

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

- 39 A. Approve the Board Minutes for January 10, 2019
40 B. Approve the Warrant List for January 31, 2019
41 C. Approve Vac-Con Vacuum Truck Purchase
42 D. Approve Proposal from Data Instincts for Public Outreach and Awareness Services for 2019
43 E. Approve Resolution 2019-2153 – A Resolution Rescinding 2015-2054 and Authorizing
44 Investment of Monies in the Local Agencies Investment Fund Savings Account #70-21-005
45 F. Approve Resolution 2019-2154 – A Resolution Accepting the HVAC System Replacement for
46 Las Gallinas Valley Sanitary District
47 G. Approve Resolution 2019-2155- A Resolution Rescinding 2015-2054 and Authorizing
48 Investment of Monies in the Local Agency Investment Fund Bond Proceeds Account #11-21-
49 012
50 H. Approve Resolution 2019-2156 – A Resolution Authorizing Signing Authority for the U.S.
51 Bank Account #238881000- Las Gallinas Val Sanit Dist 2017 Trust Account
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53 Item B were pulled for discussion.

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55 Item B was discussed.

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ACTION:

Board approved (M/S Schriebman/Yezman 5-0-0-0) the Consent Calendar item A through H.

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

Pease left at 6:14 pm.

INFORMATION ITEMS:

STAFF / CONSULTANT REPORTS:

- 1. General Manager Report – Verbal – Prinz reported.
- 2. Budget Timeline – Written – Ruiz reported.

BOARD REPORTS:

- 1. LAFCO – Verbal – Murray reported.
- 2. Gallinas Watershed Council / Miller Creek Watershed Council – Verbal – Schriebman reported.

Richardson left at 6:32 pm

- 3. JPA Local Task Force on Solid and Hazardous Waste – Verbal – Yezman reported. Schriebman is an alternate for this committee.
- 4. Flood Zone 7– Verbal – Yezman reported.

Yezman left at 6:36 pm

- 5. NBWA
Board Committee – Verbal – Clark reported.
Executive Committee – Verbal – Clark reported.
JTC – Written – Schriebman reported.
- 6. NBWRA /North Bay Water – Verbal – Elias reported.
- 7. Engineering Subcommittee – Verbal – no report.
- 8. Other Reports – Verbal – None.

BOARD REQUESTS:

- A. Board Meeting Attendance Requests – none.
- B. Board Agenda Item Requests – Elias mentioned that conference summaries be submitted by Board members for conferences attended.

VARIOUS ARTICLES AND MISCELLANEOUS DISTRICT CORRESPONDENCE:

Discussion ensued.

ADJOURNMENT:

ACTION:

Board approved (M/S Clark/Schriebman 5-0-0-0) the adjournment of the meeting at 6:56 p.m.

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

112
113 The next Board Meeting is scheduled for February 14, 2019 at the District Office.
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118 ATTEST:

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122 _____
123 Teresa Lerch, District Secretary

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126 APPROVED:
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130 Craig K. Murray, Board President

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132 SEAL

Las Gallinas Valley Sanitary District
Warrant List
02-14-19 DRAFT

Agenda Item 2B
Date February 14, 2019

	Date	Num	Vendor	Amount	Description for items > \$1000
1	2/1/2019	EFT1	ADP, LLC	100,191.08	Payroll for paydate 02/01/19
2	2/1/2019	EFT1	ADP, LLC	364.55	Processing fees for payroll
3	2/1/2019		VOID	0.00	Void and replace lost check
4	2/14/2019	ACH	A and P Moving Inc	84.70	
5	2/14/2019	EFT2	Bank of Marin	47,335.64	Loan payments due 2/10/19
6	2/14/2019	ACH	Bellecci & Associates, Inc.	63,260.50	Sewer Main Rehab project Printing 7 full size sets - Secondary Treatment Upgrade and Recycled Water Expansion project
7	2/14/2019	TBD	BPM Reprographics	6,781.54	
8	2/14/2019	ACH	Brown and Caldwell	4,302.12	Secondary Treatment Upgrade and Recycled Water Expansion project services through 1/24/19
9	2/14/2019	ACH	Byers Law Office	9,357.66	Jan 2019 legal services
10	2/14/2019	EFT	Calif. Public Employees Retirement System	15,038.81	Pension contribution employee and employer for 2/1/19 paydate
11	2/14/2019	ACH	CalPERS Supplemental Income 457 Plan	4,611.42	Employee salary deferrals for 2/1/19 paydate
12	2/14/2019	ACH	Central Marin Sanitation Agency	3,223.81	Pollution Prevention Program and FOG program Oct - Dec 2018
13	2/14/2019	TBD	Comet Building Maintenance, Inc.	1,346.18	Jan 2019 janitorial services
14	2/14/2019	TBD	CWEA -CA Water Environment Assoc	179.00	
15	2/14/2019	ACH	Diego Truck Repair, Inc.	2,855.67	Services for 2004 Ford F-650
16	2/14/2019	ACH	EOA, Inc.	5,403.26	Technical support for regulatory permits Dec 2018
17	2/14/2019	ACH	Fastenal Company	72.53	
18	2/14/2019	ACH	Gardeners' Guild	1,090.00	Landscape maintenance for Feb 2019
19	2/14/2019	ACH	Grainger	127.07	
20	2/14/2019	ACH	Hanford ARC	3,762.50	Lower Miller Creek year 1 revegetation maintenance (Jan 2019)
21	2/14/2019	ACH	Harrington Industrial Plastics, LLC	99.97	
22	2/14/2019	ACH	Huang, Irene	54.77	
23	2/14/2019	TBD	Jackson's Hardware, Inc.	87.16	
24	2/14/2019	ACH	Jenfitch	32,365.52	JC 1679 Bulk Polymer 4,500 gallons
25	2/14/2019	TBD	Marin Ace	130.47	
26	2/14/2019	TBD	MWH Constructors, Inc.	28,650.00	Secondary Treatment Upgrade and Recycled Water Expansion project services 12/17/18 thru 1/19/19
27	2/14/2019	TBD	North Bay Petroleum	1,877.94	Unleaded and diesel fuels
28	2/14/2019	ACH	Nute Engineering	7,109.00	Plant Improvements 2018 Engineering Services during construction (10/1/18-11/30/18)
29	2/14/2019	TBD	Operating Engineers Local No. 3	413.56	
30	2/14/2019	TBD	Pacific Gas & Electric - 1991349158-5	7,567.28	Power generation 12/1/18- 12/31/18
31	2/14/2019	TBD	Sonoma County Water Agency	6,000.00	NBWRA annual support 2018/19 allocation for membership Phase 1 support (to replace lost check #15770 dated 9/27/18)
32	2/14/2019	EFT	Sun Life Financial - LIFE	612.20	

Las Gallinas Valley Sanitary District
Warrant List
02-14-19 DRAFT

	Date	Num	Vendor	Amount	Description for items > \$1000
33	2/14/2019	TBD	Unicorn Group	6,384.91	Secondary Treatment Upgrade and Recycled Water Expansion project
34	2/14/2019	ACH	Univar USA Inc.	7,393.75	Sodium bisulfite/hypochlorite
35	2/14/2019	TBD	Verizon Wireless	660.09	
			TOTAL	<u>\$ 368,794.66</u>	



Consent _____2C_____

Staff/Consultant Reports _____

Agenda Item _____

Date February 14, 2019

Agenda Summary Report

To: Mike Prinz, General Manager
From: Michael P. Cortez, PE, District Engineer
Mtg. Date: February 14, 2019
Re: Call for Bids – Marinwood Trunk Sewer Repair

BACKGROUND:

This project was bid under the Uniform Public Construction Cost Accounting Act (UPCCAA) in November 2018, but the price exceeded the limit allowed in that law; therefore, the project is being re-bid. Revised plans and specifications for the project are complete and ready for bid advertisement. The project provides for the trenchless rehabilitation of 420 lineal feet of 18-inch Asbestos Bonded Corrugated (ABC) trunk sewer near Hwy 101-Miller Creek Rd overcrossing using fold-and-form pipe (FFP) PVC liner. Included with the project is the installation of a temporary bypass pumping system, gravel access road, and miscellaneous improvements required by Caltrans.

Tentative project schedule is as follows:

- Call for bids: February 14, 2019
- Non-mandatory bid walk: February 20, 2019
- Bid opening: March 6, 2019
- Notice of award: March 14, 2019
- Notice to proceed: April 1, 2019
- Construction duration: +180 days after NTP

STAFF RECOMMENDATION:

Board to approve the Call for Bids for Marinwood Trunk Sewer Repair project.

FISCAL IMPACT:

The engineer's estimate is \$225,000. This is within the current budget allocation for Sewage Main Capacity and Storage shown in the LGVSD FY 2018-2019 Budget.

PERSON(S) TO BE NOTIFIED:

Caltrans



Consent ____2D_____
Staff/Consultant Reports _____
Agenda Item _____
Date _February 14, 2019

Agenda Summary Report

To: Mike Prinz, General Manager
From: Teri Lerch, District Secretary
Mtg. Date: February 14, 2019
Re: Special Board Meeting Request

BACKGROUND:

The District Board Meetings are regularly scheduled on the second and fourth Thursdays of each month. Occasionally, Special Meetings are scheduled or Board Meetings need to be cancelled and rescheduled to accommodate scheduling conflicts.

Staff is proposing the following schedule change: Scheduling the Budget Workshop on Friday, April 12th.

STAFF RECOMMENDATION:

Board approve holding a Special Board Meeting on Friday, April 12th at 9:00 am.

FISCAL IMPACT:

N/A

PERSON TO BE NOTIFIED:

Public noticing in accordance with District policy and as required under the Brown Act.

Agenda Item 2E
Date February 14, 2019




ORDER REGARDING PUBLICATION

The Board of Directors finds that Ordinance 175, was published in the Marin Independent Journal on January 16, 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

Executed on this 31st Day of January, 2019, at San Rafael, Marin County, California.



Craig K. Murray
Board President





Consent _____
Staff/Consultant Reports _____
Agenda Item 3
Date February 14, 2019

Agenda Summary Report

To: Mike Prinz, General Manager
From: Michael P. Cortez, PE, District Engineer
Mtg. Date: February 14, 2019
Re: Approve Updated Will Serve Letter for APN 175-250-03, 350 Los Ranchitos Road
Guide Dogs for the Blind

BACKGROUND:

On July 13, 2017, LGVSD issued a Will Serve Letter to Guide Dogs for the Blind (Guide Dogs) for the New Puppy Center (Project) located at 350 Los Ranchitos Rd. Dreyfuss + Blackford Architecture prepared the improvement plans and the City of San Rafael Planning Department approved the Project for construction in late 2017. Based on the number of plumbing fixture units (PFUs) and formula outlined in the District Ordinance, the connection fee was \$188,975. Guide Dogs remitted the full amount in 2018.

The Project included the realignment of a section of District sewer main within Guide Dogs' property, which District staff approved contingent upon construction of a maintenance access road. However, District staff found during final inspection that the maintenance access road is inadequate to safely accommodate the current District flusher truck, which prevents proper maintenance of the new sewer. In order to avoid significant delays, major design changes and costly construction modifications, Guide Dogs has accepted the District's proposal to accept compensation for a specialized sewer easement machine or vehicle. This equipment will be used to maintain this section of sewer in addition to other portions of the District's Collection System.

The amount to be collected from Guide Dogs shall consist of the present value of perpetual annuity of equipment replacement throughout the entire life of the permanent sewer, which is assumed to be 100 years. District staff has obtained a quote for \$87,000 for equipment capable of meeting maintenance requirements of the new sewer. Assuming equipment replacement at 10-year interval and a discount rate of 5%, the present value of the annuity is \$225,338. However, because the District may use the equipment at different locations for other purposes in the future, District staff and Guide Dogs have tentatively agreed to split the amount in half, or \$112,669 each.

Other expenses such as fuel and labor are excluded in the calculation of the perpetuity because these are incidentals that the District would have incurred regardless of equipment type and frequency of maintenance. Similarly, the District would be responsible for replacement parts and other wear-and-tear components because the sewer easement machine or vehicle will be added to the District maintenance fleet and such costs will offset the costs that would have been incurred by operation of the flusher truck.

District legal counsel has reviewed and approved as to form the Updated Will Serve Letter.

STAFF RECOMMENDATION:

Board approves the issuance of an Updated Will Serve Letter to Guide Dogs for the Blind.



FISCAL IMPACT:

Initially a net positive amount of \$25,669, which is the difference between Guide Dogs' proposed payment of \$112,669 and the cost of new sewer easement machine or vehicle (\$87,000), and this amount will be used for future equipment as described above.

PERSON(S) TO BE NOTIFIED:

Guide Dogs for the Blind



DISTRICT BOARD

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

DISTRICT ADMINISTRATION

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

Date: February 14, 2019
Property Owner: Guide Dogs for the Blind, Inc.
Property Owner Address: 350 Los Ranchitos Road
San Rafael, CA 94903
Applicant: Michael C. Fryer
Project Name: Guide Dogs for the Blind Puppy Center
Project Address: 350 Los Ranchitos Road
San Rafael, CA 94903
Project APN: APN 175-250-03

Re: Updated Will-Serve Letter

This Updated Will-Serve Letter supplements the original Will-Serve Letter issued by the Las Gallinas Valley Sanitary District (“LGVSD”) for the referenced project on July 13, 2017. The standard terms and conditions of approval outlined in the original letter are the same and applicable.

Supplemental Conditions:

- 1) The Project included the realignment of a section of District sewer main within Guide Dogs’ property, which District staff approved contingent upon construction of a maintenance access road. However, District staff found during final inspection that the maintenance access road is inadequate to safely accommodate the current District flusher truck, which prevents proper maintenance of the new sewer. In order to avoid significant delays, major design changes and costly construction modifications, Guide Dogs has accepted the District’s proposal to accept compensation for a specialized sewer easement machine or vehicle. This equipment will be used to maintain this section of sewer in addition to other portions of the District’s Collection System.
- 2) The amount to be collected from Guide Dogs shall consist of the present value of perpetual annuity of equipment replacement throughout the entire life of the permanent sewer, which is assumed 100 years. Assuming equipment replacement at 10-year interval and a discount rate of 5%, the present value of the annuity is \$225,338. However, because the District may use the equipment at different locations for other purposes in the future, District staff and Guide Dogs have agreed to split the amount in half, or \$112,669 each.
- 3) Other expenses such as fuel and labor are excluded in the calculation of the perpetuity because these are incidentals that the District would have incurred regardless of equipment type and frequency of maintenance.
- 4) Similarly, the District would be responsible for replacement parts and other wear-and-tear components because the sewer easement machine or vehicle will be added to the District maintenance fleet and such costs will offset the costs that would have been incurred by operation of the flusher truck.

Fees Due:

Please remit **\$112,669**. Make the check payable to Las Gallinas Valley Sanitary District. Please note if payment schedule as above is not followed, you risk losing your allocation.

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

1. 40% of the Connection Fee is due within thirty days of Board approval of final plans and specifications;
2. 30% of the Connection Fee is due within one year, February 14, 2020; or upon the date of building permit issuance, whichever occurs first;
3. 30% of the Connection Fee is due within two years, February 14, 2021; or upon the date of building permit issuance, whichever occurs first;

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

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

Sincerely,

Mike Prinz, General Manager

AGREED:

_____ Date: _____

Project Applicant

Cc: Michael P. Cortez, District Engineer
Robert Ruiz, Administrative Services Manager



Consent _____
Staff/Consultant Reports _____
Agenda Item ____ 4 ____
Date February 14, 2019

Agenda Summary Report

To: Board President and Board Members
From: Mike Prinz, General Manager
Mtg. Date: February 14, 2019
Re: Draft Sewer Lateral Ordinance Status

BACKGROUND:

Staff and District Counsel have been making efforts to develop a Sewer Lateral Ordinance for numerous years. On February 26, 2014, the Board approved V.W. Housen and Associates to develop a Private Sewer Lateral Ordinance which was ultimately not approved. At the March 13, 2015 Board meeting, the General Manager informed the board that the NPDES permit renewal process included a requirement to develop a lateral ordinance as one of multiple tasks to reduce blending. The ultimate purpose of any such ordinance is to reduce inflow and infiltration from private sewer laterals, which are widely known to be substantial contributors to high wet weather flow peaking factors and associated wet weather operational challenges and costs.

A draft ordinance based on Ross Valley Sanitary District's August 2013 Private Sewer Lateral Ordinance (as subsequently amended) is currently under review by the newly hired General Manager, the Collection System/Safety Manager, and District Counsel. The draft is substantially complete, however not yet in a form acceptable for Board consideration. Staff believe that the draft will be ready for Board consideration within the next 1 to 2 months.

San Rafael Sanitary District (SRSD) Staff has indicated that they intend to also develop a private sewer lateral ordinance and will likely base it on LGVSD's ordinance form. If the final form of LGVSD's ordinance remains based on RVSD's and SRSD develops its ordinance as indicated, all three districts' ordinances will likely be similar, which will hopefully result in increased lateral testing contractor efficiency, reduced District effort to enforce testing protocols, and reduced property owner testing costs. For regional context, the number of connections in the LGVSD service area is 26% of the total number of connections in the combined service areas of RVSD, SRSD, and LGVSD.

While several lateral related topics are addressed in the draft ordinance, two particularly important goals of the ordinance are [1] to identify property ownership transfers and residential remodels as sewer lateral test 'triggers' and [2] to describe District enforcement authority over timing of repairs. To facilitate intermittent revision as necessary, the following topics will be memorialized in the District's online, publicly available document library instead of being included in the ordinance itself: testing methodology, lateral inspection fee, and inspection report requirements.

STAFF RECOMMENDATION:

No action is required at this time, however the Board may discuss and direct staff as warranted.



PERSON(S) TO BE NOTIFIED:
N/A



Consent _____
Staff/Consultant Reports _____
Agenda Item 5
Date February 14, 2019

Agenda Summary Report

To: Mike Prinz, General Manager
From: Robert D. Ruiz, Administrative Services Manager
Mtg. Date: February 14, 2019
Re: Newsletter Topics – Spring 2019.

Background:

The District intermittently publishes newsletters for its ratepayers to inform them about District projects, programs and other items of interest. Each newsletter typically has one main topic and two to three smaller articles. Staff is planning to mail the spring 2019 newsletter in late March or early April.

Attached is a listing of newsletter articles from 2011 through 2018. One list is in chronological order, while the other list is grouped by topics.

Staff prepared the last newsletter in the winter of 2018, a copy of which is attached. The topics were:

- LGVSD starting strong in 2018 (Authored by Russ Greenfield).
- Chris DeGabriele hired as interim general manager.
- Biogas energy recovery system: another step towards energy independence.
- Microbeads study under way.
- Current Status of treatment plant upgrade project.

Staff has created a list of items that the Board may want to include in the next newsletter:

- Update on Treatment Plant Upgrade.
- Microbead Study Update.
- New Rates and Public Hearing.
- Update on Plant Upgrade.
- Recyclables and Flushables.
- New Team at LGVSD: New Employees and Boardmembers.
- New Contract with Marin Sanitary Services.
- Other historical topics that can be updated and republished as appropriate.

Staff Recommendation:

Board to provide input for articles for the spring 2019 newsletter.

Fiscal Impact:

There is no fiscal impact since this item is budgeted and will cost approximately \$8,000.

Person to be Notified:

Mark Milan, Data Instincts.

SORTED BY DATE

Publication

Topic	Article Title	Date	Period
District	LGVSD starting strong in 2018.	2018	Winter
District	Chris DeGabriele hired as interim general manager.	2018	Winter
Flushing	Microbeads study under way.	2018	Winter
Biogas	Biogas energy recovery system: another step towards energy independence.	2018	Winter
Plant Upgrade	Current Status of treatment plant upgrade project.	2018	Winter
Admin Bldg	Dilapidated building needs urgent revamping.	2017	Summer
Plant Upgrade	Treatment Plant upgrade addresses critical issues.	2017	Summer
Reclamation	Miller Creek dredging resumes.	2017	Summer
Recycled Water	Potable reuse is the addition of advanced purified water, either indirectly or directly, into a drinking water system.	2017	Summer
Recycled Water	All water is recycled. Don't judge water by its history but by its quality.	2017	Summer
Refuse	Free Service: bulky item removal. Plus, curbside clean-up coming in the fall.	2017	Summer
Laterals	Always Get Three Quotes Before Performing Work	2016	Fall
Pest Control	Keep Mosquitos in Check Around Your Home	2016	Fall
Reclamation	River Otters Provide Student Biologist with Field Experience	2016	Fall
Reclamation	Miller Creek Dredging Begun	2016	Fall
Flushing	Did I cause a sewer overflow? Be aware of what you put down the drain.	2016	Fall
Pollution prevention	We Can All Do Our Part to Achieve Zero Waste	2016	Spring
Recycled water	Advanced Purified Recycled Water – the New Drought Proof Water Supply	2016	Spring
Laterals	Protect your sewer lateral and prepare for wet winter	2015	Fall
Pest Control	Tips for Your Pool, Spa, or Fountain	2015	Fall
Pollution prevention	Thermometer, bulbs and battery exchange	2015	Fall
Grants	Grants Received for Biogas Conversion to Energy	2015	Fall
Reclamation	Parking at reclamation area	2015	Fall
Refuse	Compost giveaway	2015	Fall
Flushing	"Wipe Out" Flushing of Personal Wipes!	2015	Spring
Pest Control	You Can Help Protect the Bay	2015	Spring
Rates	District Continues to Address Aging Infrastructure, Changes in Wastewater Content, and New Regulations	2015	Spring

NEWSLETTER TOPICS

SORTED BY DATE

Publication

Topic	Article Title	Date	Period
Rates	Next Phase of Critical Upgrades Requires Fee Increases	2015	Spring
Rates	Tours, Workshops, and Public Hearing Scheduled Wastewater Treatment Complicated by New	2015	Spring
Flushing	Contaminants	2014	Fall
Flushing	Don't Use the Drain as a Dump	2014	Fall
Laterals	Roots and Sewer Laterals Don't Mix Well	2014	Fall
Plant Upgrade	District Forced to Upgrade Aging Treatment Plant to Meet Regulations	2014	Fall
Reclamation	Hiking, Biking, Views on Bayside Trails	2014	Fall
Admin Bldg	Facilities Need Upgrading	2014	Spring
Awards	District Wins Finance Award	2014	Spring
District	Las Gallinas Valley Sanitary District: 60 Years of Service to Marin Residents	2014	Spring
Laterals	What is a Property Easement and Do You Have One on Your Property?	2014	Spring
Flushing	FDA Questions Effectiveness, Safety of Antibacterial Soaps	2014	Spring
Pest Control	Keep Your Pool or Spa Clean — and Protect Waterways LGVSD Awarded Certificate of Excellence for	2014	Spring
Awards	Transparency	2014	Winter
Projects	District Looks Ahead to Meet Regulatory Requirements Board considers options for sewer rate billing	2014	Winter
Rates	methods: variable vs. fixed	2014	Winter
Rates	Public Meeting on Proposed Rate Changes	2014	Winter
District	LGVSD Workers Go Above and Beyond to Help a District Customer in Need	2014	Winter
Awards	Awards Recognize Outstanding District Programs and Performance	2013	Summer
District	District Redesigns Website for Easier Access	2013	Summer
Flushing	Protect Water Quality: Watch What You Flush	2013	Summer
Flushing	Antibacterial Soaps Can Harm the Environment and Wildlife	2013	Summer
Plant Upgrade	Upgrades Maintain System Efficiency and Environmental Health	2013	Summer
Projects	LGVSD Will Perform Smoke Testing During Summer Months	2013	Summer
Laterals	It's Time to Have Your Pipes Inspected!	2013	Winter
Laterals	Prepare for the Rainy Season	2013	Winter
Plant Upgrade	LGVSD Launches New Recycled Water Treatment Facility	2013	Winter

Publication

Topic	Article Title	Date	Period
Reclamation	LGVSD Trails Offer Hiking, Biking, Views and More	2013	Winter
Recycled Water	Recycled Water: A Track Record for Safety	2013	Winter
Pest Control	Avoid Using The Toxic Insecticide Permethrin	2012	April
Inflow and Infiltration	We Must Reduce Inflow and Infiltration	2012	May
Projects	Lighting Change Decreases Glare, Saves Money	2012	May
Reclamation	Growing Problem: Goose Population Boom	2012	May
Recycled Water	Recycled Water Project Under way	2012	May
Awards	Awarded Sewer Collection System of the Year... Again!	2011	March
Grants	District Awarded \$871,000 Grant for Recycled Water	2011	March
Laterals	What's the Best Way to Fix Laterals and How to Make it Affordable?	2011	March
Laterals	Damaged Laterals Are Privately Owned but Harm the Community	2011	March
Laterals	We Are Developing Lateral Inspection and Repair Options	2011	March
Refuse	Residential food waste composting test a success	2011	March

LAS GALLINAS VALLEY SANITARY DISTRICT

1/31/2019

NEWSLETTER TOPICS

9:53 AM

SORTED BY TOPICS

Publication

Topic	Article Title	Date	Period
Admin Bldg	Dilapidated building needs urgent revamping.	2017	Summer
Admin Bldg	Facilities Need Upgrading	2014	Spring
Awards	LGVSD Awarded Certificate of Excellence for Transparency	2014	Winter
Awards	District Wins Finance Award	2014	Spring
Awards	Awards Recognize Outstanding District Programs and Performance	2013	Summer
Awards	Awarded Sewer Collection System of the Year... Again!	2011	March
Biogas	Biogas energy recovery system: another step towards energy independence.	2018	Winter
District	LGVSD starting strong in 2018.	2018	Winter
District	Chris DeGabriele hired as interim general manager.	2018	Winter
District	Las Gallinas Valley Sanitary District: 60 Years of Service to Marin Residents	2014	Spring
District	LGVSD Workers Go Above and Beyond to Help a District Customer in Need	2014	Winter
District	District Redesigns Website for Easier Access	2013	Summer
Drain/Flushing	Microbeads study under way.	2018	Winter
Drain/Flushing	Did I cause a sewer overflow? Be aware of what you put down the drain.	2016	Fall
Drain/Flushing	“Wipe Out” Flushing of Personal Wipes!	2015	Spring
Drain/Flushing	Wastewater Treatment Complicated by New Contaminants	2014	Fall
Drain/Flushing	Don't Use the Drain as a Dump	2014	Fall
Drain/Flushing	FDA Questions Effectiveness, Safety of Antibacterial Soaps	2014	Spring
Drain/Flushing	Protect Water Quality: Watch What You Flush	2013	Summer
Drain/Flushing	Antibacterial Soaps Can Harm the Environment and Wildlife	2013	Summer
Grants	Grants Received for Biogas Conversion to Energy	2015	Fall
Grants	District Awarded \$871,000 Grant for Recycled Water	2011	March
Inflow and Infiltration	We Must Reduce Inflow and Infiltration	2012	May
Laterals	Protect your sewer lateral and prepare for wet winter	2015	Fall
Laterals	Always Get Three Quotes Before Performing Work	2016	Fall
Laterals	Roots and Sewer Laterals Don't Mix Well	2014	Fall
Laterals	What is a Property Easement and Do You Have One on Your Property?	2014	Spring
Laterals	It's Time to Have Your Pipes Inspected!	2013	Winter

LAS GALLINAS VALLEY SANITARY DISTRICT

1/31/2019

NEWSLETTER TOPICS

9:53 AM

SORTED BY TOPICS

Publication

Topic	Article Title	Date	Period
Laterals	Prepare for the Rainy Season	2013	Winter
Laterals	What's the Best Way to Fix Laterals and How to Make it Affordable?	2011	March
Laterals	Damaged Laterals Are Privately Owned but Harm the Community	2011	March
Laterals	We Are Developing Lateral Inspection and Repair Options	2011	March
Pest Control	You Can Help Protect the Bay	2015	Spring
Pest Control	Avoid Using The Toxic Insecticide Permethrin	2012	April
Pest Control	Keep Mosquitos in Check Around Your Home	2016	Fall
Pest Control	Tips for Your Pool, Spa, or Fountain	2015	Fall
Pest Control	Keep Your Pool or Spa Clean — and Protect Waterways	2014	Spring
Plant Upgrade	Current Status of treatment plant upgrade project.	2018	Winter
Plant Upgrade	Treatment Plant upgrade addresses critical issues. District Forced to Upgrade Aging Treatment Plant to Meet Regulations	2017	Summer
Plant Upgrade	LGVS D Launches New Recycled Water Treatment Facility	2014	Fall
Plant Upgrade	Upgrades Maintain System Efficiency and Environmental Health	2013	Winter
Plant Upgrade	Thermometer, bulbs and battery exchange	2013	Summer
Pollution prevention		2015	Fall
Pollution prevention	We Can All Do Our Part to Achieve Zero Waste	2016	Spring
Projects	District Looks Ahead to Meet Regulatory Requirements LGVSD Will Perform Smoke Testing During Summer Months	2014	Winter
Projects		2013	Summer
Projects	Lighting Change Decreases Glare, Saves Money	2012	May
Rates	District Continues to Address Aging Infrastructure, Changes in Wastewater Content, and New Regulations	2015	Spring
Rates	Next Phase of Critical Upgrades Requires Fee Increases	2015	Spring
Rates	Tours, Workshops, and Public Hearing Scheduled Board considers options for sewer rate billing methods: variable vs. fixed	2015	Spring
Rates		2014	Winter
Rates	Public Meeting on Proposed Rate Changes	2014	Winter
Reclamation	Miller Creek dredging resumes. River Otters Provide Student Biologist with Field Experience	2017	Summer
Reclamation		2016	Fall
Reclamation	Miller Creek Dredging Begun	2016	Fall

Publication

Topic	Article Title	Date	Period
Reclamation	Parking at reclamation area	2015	Fall
Reclamation	Hiking, Biking, Views on Bayside Trails	2014	Fall
Reclamation	LGVSD Trails Offer Hiking, Biking, Views and More	2013	Winter
Reclamation	Growing Problem: Goose Population Boom	2012	May
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Refuse	Residential food waste composting test a success	2011	March

THE HERON

Las Gallinas Valley Sanitary District

Winter 2018

LGVSD Starting Strong in 2018

To our Customers:

Over the last nine months, the LGVSD Board of Directors has been working to address employee concerns and complaints regarding the District's management. Our goal was to take the necessary steps toward clearly identifying the issues and problems, rebuilding workplace respect and trust, and ensuring our operations continue to be conducted in the most effective and efficient manner possible for the benefit of our ratepayers.

A list of complaints were presented by District staff to the Board in April 2017. These items were discussed during closed sessions from May through November. A management consulting firm, FutureSense, was hired to assess the situation and provide a third-party perspective. FutureSense's report was submitted at a public meeting in October.

The Board's investigation found no evidence of malfeasance, misappropriation of public funds, or breach of fiduciary duty. However, there were significant findings concerning employee management, and potential or feared retaliation against employees, by the former general manager.

As a result, the Board accepted the former general manager's notice of retirement. The District has now hired Chris DeGabriele as the interim General Manager and will be proceeding in early 2018 with a search for a new permanent General Manager.

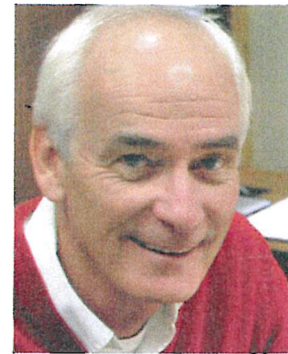
It is now time to move forward with the Board's commitment to ensuring a healthy, safe, supportive, and respectful workplace. To accomplish this we have requested proposals from FutureSense and the Regional Government Services (RGS) organization for implementation of the Report's recommendations. The Board will be providing employees with additional human resources services, reviewing policies, and implementing improved communications procedures. An extensive list of new goals and "lessons learned" from this process has been developed, and several ad hoc committees have been created to engage more directly in matters such as plant operations, communications, planning, and procedures. Our goals will be further evaluated and reviewed in the annual Strategic Planning Process conducted in early 2018.

Through these actions, the Board is striving to ensure that this kind of situation does not reoccur. It is a clear priority for the District to provide a positive, encouraging workplace environment. I want to assure our customers that the professionalism and skill of the District's workforce has not been compromised, and all of us remain committed to excellence in providing the wide range of District services to our community.

Sincerely,

Russ Greenfield

Russ Greenfield
President, Board of Directors
Las Gallinas Valley Sanitary District



Chris DeGabriele Hired as Interim General Manager

The Las Gallinas Valley Sanitary District Board of Directors has announced that it has retained an interim General Manager to oversee District operations. The interim General Manager, Chris DeGabriele, comes to the District with decades of professional experience, most recently having served for 22 years as the general manager at the North Marin Water District in Novato. He began work at the District on December 14, 2017.

"DeGabriele comes with extensive experience, skill, and background."

Russ Greenfield, President of the District Board of Directors, stated, "With his extensive experience, skill, and background, the Board is thrilled to have Mr. DeGabriele join us to manage the District on an interim basis, as we move forward to recruit a permanent general manager." The District expects to complete the hiring process of a new permanent general manager by summer 2018.

Turn to "Chris DeGabriele" on page 2



MSEL students answer questions about microbeads at Venetia Valley Elementary.

Microbeads Study Under Way

Terra Linda High School students to study microbeads and their impacts on water and natural resources.

During the 2017 fall semester, LGVSD laboratory staff have been working with a group of freshmen students from Terra Linda High School in their Marin School of Environmental Leadership (MSEL) program.



Their project is focused on microbeads, found in many personal care products such as toothpaste,

and the harmful impacts these have on water and wildlife. The Microbeads Project helps MSEL students gain a deeper understanding of toxins that can be found in many products used in daily life—some they themselves may be using—as they research this topic. Students from

the 2018 winter semester will further develop the educational campaign that last semester's students initiated. Additionally, this group will work to learn more about the impacts these toxins and microbeads have on the ecosystem in the Bay Area.

This project group will work with LGVSD to develop educational materials that highlight the numerous toxins found in personal care products, and their environmental impacts. The materials will be distributed to the public and to other schools in the area. Additionally, students will conduct pre- and post-surveys to assess how well educated they are on this subject before and after the group's presentation.

By the end of the semester the students, with the help of LGVSD, are expected to:

- Gain a deeper understanding of the toxins readily found in personal care products;
- Understand how to limit toxins and microbeads from entering waterways;
- Determine what are the "worst offenders", i.e. which toxins have the most detrimental effects on the natural world (especially water in the Bay Area) and how often are they used in products;
- Teach individuals about the impact these products have on the Bay and how individuals can be a part of the solution;
- Learn about resources available to analyze personal care products and detergents, and how to identify products when purchasing;
- Enhance the database of more environmentally-friendly and local products;
- Educate local residents and peers through the development of a website or campaign.

LGVSD's permit requires participation in public education—we are happy to work with these students on this important topic that affects all of us.

If you would like additional information about the MSEL program, please visit their website at www.thesel.org.

"Chris DeGabriele" continued...

"The professionalism of the District is well-known, and the Board and staff are committed to the highest standards in providing service to the community," said Mr. DeGabriele. "I look forward to working with them while they engage in a search for a permanent manager."

The position became available upon the recent retirement announcement of the District's former general manager, Mark R. Williams.

"The District is renewing its commitment to ensuring a healthy, safe, supportive, and respectful workplace."

The Board had been working for a number of months to address employee concerns, with the goal of identifying issues, rebuilding workplace respect and trust, and ensuring

District operations continue to be conducted in the most effective and efficient manner possible.

With an interim general manager in place, and a plan for recruiting and hiring a permanent replacement, the District is renewing its commitment to ensuring a healthy, safe, supportive, and respectful workplace.

Lower Miller Creek Channel Maintenance Project Complete

The Lower Miller Creek Channel Maintenance project was completed at the end of December. Approximately 2,655 feet of Lower Miller Creek located adjacent to the LGVSD Treatment Plant and upstream of the Reclamation Bridge was dredged. The project removed sediment that was threatening to block the treatment plant outfalls and improved the flood flow conveyance in the Lower Miller Creek channel on LGVSD property.

The dredging was necessary to protect our operations from the progressive accumulation of sediment coming down the creek from upstream erosion, which has reduced discharge efficiencies at LGVSD outfalls. Existing and planned road construction and bridge modifications on adjacent and upstream properties are reducing floodplains and concentrating sediment flows in the creek channel. In addition, over time sea level rise will gradually raise the base level of Miller Creek, which will also decrease the capacity of the creek for outfall discharge. Our work averted a potentially dangerous situation.

LGVSD recognizes that Miller Creek

supports a population of federally protected Steelhead trout. Plus, adjacent wetland and marsh areas support other state and federally listed special status species. Hence, one of the project objectives was to minimize the extent and frequency of channel excavation/maintenance that may adversely impact habitats in the channel, while maximizing the extent and value of adjacent wetland. All needed permits and approvals for this project from state and local agencies were obtained. The levee banks have now been planted with a mix of native plants species to provide additional habitat and slope stabilization.

The project began in September 2016, but was forced to stop due to unforeseen storm events in late October 2016. The construction period for in-water activities is limited to September 1 to October 31 per permitting requirements. Approximately 70% of the earthwork was completed prior to the shut down. The remaining 30% was dredged this fall. The 60-day time frame only applies to in-water construction. Fencing, revegetation, irrigation system installation, and other various improvements are not limited to the 60-day period.

Current Status of Treatment Plant Upgrade Project

For several years the District has been planning a major upgrade to its aging wastewater system to meet increasingly stringent wastewater treatment requirements. The existing facilities have continually operated since 1955 and were upgraded from time to time, however major equipment needs to be replaced and modernization is necessary. The District also entered into an agreement with Marin Municipal Water District (MMWD) to expand the District's existing Recycled Water Treatment Facility (RWTF) to serve MMWD's customers. This agreement enables MMWD to decommission its existing plant which is located on the District's property. The MMWD plant, operated since 1989, also needs upgrades and the District needs the property where it is now situated for the wastewater treatment plant upgrade. MMWD is funding the majority of the cost for the RWTF expansion and will reimburse the District for operating costs in the future.

“The administration building update has been postponed so that funds may be used for critical wastewater treatment upgrades.”

The District's existing administration building, originally built in 1955 and expanded in 1992, was also slated for improvements at this time. However, in April 2017 the District issued \$41 million in bonds to fund the upgrade project but the construction bids are in excess of available funds. Thus, at this time, the administration building update has been postponed so that the available funds may be used for the critical wastewater treatment project. The Board and staff are now evaluating other cost-saving options for the project.



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Board of Directors


Megan Clark
Rabi Elias
Russell R. Greenfield
Craig K. Murray
Judy Schriebman

Board Meetings are

held at 4:30 PM on
the second and fourth
Thursday of each month

District Administration

Chris DeGabriele, Interim General Manager

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Biogas Energy Recovery System: Another Step Towards Energy Independence

The District has finished installation and start-up of its Biogas Energy Recovery System (BERS) and is transitioning to full-scale operation. The District was required to retire its co-generation equipment after 25 years of continuous use in order to meet new California carbon emissions standards that improve air quality.

The project uses affordable technologies to clean up and use biogas generated at our wastewater treatment plant to fuel District vehicles. The District purchased a heavy duty maintenance truck in 2016 which is fueled by compressed natural gas produced by the BERS facility.

The new equipment was purchased and installed with the assistance of two grants awarded by the California Energy Commission. The first \$1 million grant was for design and construction to replace existing co-generation equipment. The second \$250,000 award was part of the Alternative and Renewable Fuel and Technology "Natural Gas Fueling Infrastructure" program.

The process of anaerobic digestion at the District's wastewater treatment plant produces biogas, which is typically burned-off. With these grants, the District has developed cost-effective and efficient processes to convert that biogas to biomethane and use that converted gas to generate clean, renewable power. A significant portion of the District's energy already comes from its two photovoltaic solar panel systems.

With the BERS in place, the District will be able to further boost self-generated clean power and advance the District's goals toward energy independence. Less use of standard power grid energy and commercial fuel is a great thing for the environment, and for all of us.



Consent _____
Staff/Consultant Reports _____
Agenda Item ____ 6 ____
Date February 14, 2019

Agenda Summary Report

To: Board President and Board Members
From: Mike Prinz, General Manager
Mtg. Date: February 14, 2019
Re: Regular Board Meeting Day and Time

BACKGROUND:

The day and time of regular LGVSD Board meetings is memorialized in LGVSD's ordinance, as required by the Brown Act. The current day and time of the open session of Board meetings is 4:30 P.M. every 2nd and 4th Thursday of each month. Closed sessions, when held, typically precede the open session.

The LGVSD Board President requested an item to be brought forward to discuss a potential change to the regular Board meeting time. The 2nd and 4th Wednesday of each month at the current time, 4:30 P.M., has been proposed.

Changing the regular meeting time would require an Ordinance modification which would necessitate a public hearing per normal protocol.

STAFF RECOMMENDATION:

Board to discuss and direct Staff and District Counsel to propose an ordinance change if warranted.

FISCAL IMPACT:

N/A

PERSON(S) TO BE NOTIFIED:

District Counsel



Consent _____
Staff/Consultant Reports _____
Agenda Item ____7_____
Date February 14, 2019

Agenda Summary Report

To: Mike Prinz, General Manager
From: Robert D. Ruiz, Administrative Services Manager
Mtg. Date: February 14, 2019
Re: Board Member Outside Committee Meeting Attendance Compensation

BACKGROUND:

Board Members attend Board and committee meetings as part of their District business duties. Per the Board Policies and Procedures Manual, Section B-60, Board members may be compensated as follows:

B-60-10 Limit on Meetings. Board Members shall be compensated for up to the legal limit of six meetings per month and one meeting per day. Compensation shall apply to both Regular and Special Board meetings, Board committee meetings, meetings for organizations related to District business and professional meetings and conference attendance. If travel to a conference requires travel of four hours or more, portal to portal, the Board member may charge for that day. The travel day is included in the overall 6 meeting per month and one meeting per day limit.

To qualify for compensation for meetings of organizations related to District business, Board approval is required. Board members requesting attendance at meetings, including meetings of organizations related to District business, training, conference and/or seminars, shall submit their request to the entire Board at least five business days prior to the meeting.

Staff review and approve monthly Board Member compensation reports pursuant to policy B-60. However, the policy as written does not sufficiently address the definition of "professional meeting", or whether the following meeting types qualify as compensable meetings:

1. Webinars and multiple party conference calls convened by committees and attended by Board Members.
2. Non-public committee meetings.
3. One-on-one meetings between committee members via face-to-face interaction or telephone.
4. Tours of District facilities with public officials external to the District.
5. One-on-One meetings with the LGVSD GM or staff.

Staff understands that a blanket approval of compensation for Committee meeting attendance has been adopted by the Board.

STAFF RECOMMENDATION:

Staff recommends that the Board clarify compensability of the above meetings, which will then be memorialized in an updated version of the District Policy B-60-10.

FISCAL IMPACT:

Not quantifiable.

PERSON TO BE NOTIFIED:

Not applicable.

2/14/2019

General Manager Report

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

Strategic Plan Goals	2019				2020				2021			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1. Treatment Plant Upgrade	[Hatched bar]											
2. Class and Comp Review	[Hatched bar]			[Hatched bar]	[Hatched bar]	[Hatched bar]					[Hatched bar]	[Hatched bar]
3. Support Wildlife Habitat	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]			[Hatched bar]	[Hatched bar]				[Hatched bar]
4. Real Property Management	[Hatched bar]											
5. Organizational Analysis	[Hatched bar]											
6. Lateral Program	[Hatched bar]	[Hatched bar]			[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]
7. Perform Rate Analysis		[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	
8. Seek Grant Funding		[Hatched bar]		[Hatched bar]		[Hatched bar]		[Hatched bar]		[Hatched bar]		[Hatched bar]
9. System Failure Plan	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]	[Hatched bar]
10. Enhance Security Plan	[Hatched bar]	[Hatched bar]		[Hatched bar]		[Hatched bar]		[Hatched bar]		[Hatched bar]		[Hatched bar]
11. Biosolids Program	[Hatched bar]	[Hatched bar]		[Hatched bar]	[Hatched bar]		[Hatched bar]	[Hatched bar]	[Hatched bar]		[Hatched bar]	[Hatched bar]
12. Awards and Recognition	[Hatched bar]											
Proposed	[Hatched bar]											
Actual	[Hatched bar]											

DRAFT



Consent _____
Staff/Consultant Reports _____
Agenda Item _____ 8A3 _____
Date February 14, 2019

Agenda Summary Report

To: Mel Liebmann, Plant Manager
From: Josh Binder, Plant Operations and Maintenance Supervisor
Mtg. Date: February 14, 2019
Re: Bulk Polymer Purchase

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 January 17th, the District ordered 4,500 gallons of bulk polymer. This order corresponds with PO# 19483.

STAFF RECOMMENDATION:

Already authorized by the General Manager, this is for notification only.

FISCAL IMPACT:

\$34,820.99

PERSON TO BE NOTIFIED:

Biosolids and Biogas Fact Sheet - 2019

Annual and daily production of class B biosolids, in dry tons (DT):

280 dry tons annual average -- 0.77 dry tons per day

Gallons of anaerobic digester capacity and average hydraulic residence time (HRT)

530,000 gallons primary digester (mesophilic) and 309,250 gallons secondary digester of AD capacity with an average 30 days HRT -- 55 Days Combined.

Acres on site of dedicated land disposal utilized (DLD)

9 acres of DLD utilized once annually between the months of June through September

Gallons of onsite storage of class B biosolids

Approx. 3,540,000 gallons of on-site storage of approximately 4% TS class B biosolids in 3 storage ponds

Average daily volume of digester gas production and flow rate:

Average Daily Total Digester Gas Produced: 40,000 SCF

Average daily flow rate: 33 SCFM

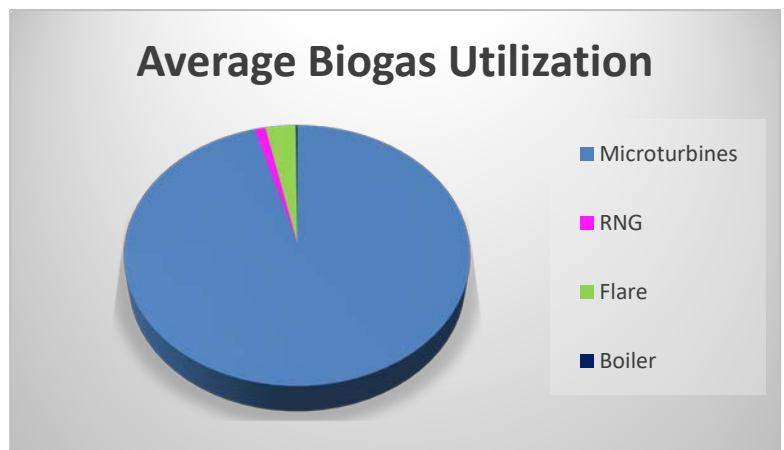
Average monthly digester gas utilization:

Microturbine: 1,133,302 SCF (95.64% of Total)

RNG SCF: 12,982 (1.1% of Total)
or 93 Diesel Gallon Equivalents (DGE)

Flare SCF: 36,918 (3.11% of Total)

Boiler SCF: 1,796 (0.15% of Total)



RINS/LCFS application status – Obtaining assistance from Brown and Caldwell to determine RINS and LCFS program costs and net revenue potential.

Challenges – Organic certification exclusion of biosolids from certified organic agricultural operations, importance of diversifying disposal avenues, RINS/LCFS ‘marketing/admin costs’, reliability of CNG production, regulatory challenges to regional biosolids reuse solutions (AB901), potential biosolids land application market changes attributable to SB1383.

2/14/2019 BOARD REPORTS

Agenda Item 9.1

LAFCO

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

Agenda Item 9.2

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 9.3

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 9.4

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 9.5

NBWA

- a) Board Committee
- b) Executive 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 9.6

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 9.7

Engineering Subcommittee

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

2/14/2019 BOARD REPORTS

Agenda Item 9.8

Other Reports – CASA Air Quality Climate Change and Energy Workgroup Meeting, CASA Conference Risk Management Seminar, BASMAA Post-Construction Manual Report

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

JPA LTF Feb. 6, 2019
Judy Schriebman

Agenda Item 9.3
Date February 14, 2019

FYI: I am still on the LTF as alternate for Special Districts, which means I can vote if other SD rep is not there. That position was held by Russ, so is now vacant and LTF is asking for applications. The alternate position may be removed in future.

Food Waste discussion. Marin County Environmental Health has new rules for food donations, composting, for GHG reduction and to help with Food Insecurity/Hunger. Brochure with food donation resources available. Mostly monitor for health violations at restaurants. Organics at landfill—need for double the number of composting facilities. Food waste is very small part; wood is biggest at Redwood Landfill. Constructing a MRF there for mom&pop trash haulers, for sorting. 2 year construction project. Recology in Novato now handling garbage; doing school outreach for food recycling. They have ability to take milk cartons, juice boxes; can there be any collaboration with MSS to get these materials recycled?

SB 1383 report by Kim Scheibly of MSS—CalRecycle new draft legislation up for comments, due March 4. <http://www.counties.org/csac-bulletin-article/sb-1383-waste-diversion-comments-due> While the thrust of the legislation is good, the way it has been written is onerous and comments are definitely needed. Serious penalties for non-compliance. Will substantially increase garbage costs. Standardizing colors for recycling cans, labels, etc. LGVSD may be responsible for some reporting—or will county take this on? Haulers will be sending another comment letter to CalRecycle but it is vital ALL cities, county, garbage franchisers to look over the proposed language and make comments now as there are serious monitoring and reporting requirements with unclear parameters. There will be fines for contamination (hitting residents) and changes to collection that will hit haulers (and then residents) and no push back to manufacturers for comprehensive design changes. So that comment should be made.

Need for ban on all single use items. San Anselmo just passed ordinance; group Plastic Free Marin working to have this adopted Marin-wide by all cities and county. Currently stores/take outs are replacing plastic which says compostable but which isn't with paper cups which have a plastic lining which is contamination for organic waste stream. Need for clarity in what can be truly composted and what can't and transition to multiple use glasses, silverware, etc

North Bay Conservation corps has grant to collect/recycle dumped tires. Are looking at bulky item take back day in future. Will help anyone wanting to hold e-waste or bulky item take back event.

Dominican U. now has food pantry for hungry students Tues 1-3. Gets food donations from Marin Food Bank. Also developing composting program.



AGENDA

Agenda Item 9.8
Date: February 14, 2019

Air Quality, Climate Change, and Energy Workgroup Meeting
Meeting Date/Time: January 15, 2019 / 9 – 11 am
Meeting Location: GoToWebinar Meeting (Link delivered via e-mail)
Dial-in: 605-472-5814 and Passcode 840 541 702#

COMMENCEMENT

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

PRIORITY ISSUES/ACTION ITEMS

	ITEM	LEAD	NOTES
1.	SLCP Reduction Implementation – Organic Waste Reduction Regulations	Greg/Sarah	SB 1383 formal regulation & economic analysis released Dec 12th to CASA, official 45-day comment period to begin Jan 18 th
2.	AB 901: Recycling/Disposal Reporting	Greg	Implement reporting under SB 1383 to track flow of solid waste
4.	Regional Hot Topic: BAAQMD Climate Pollutants & Climate Technology Review Update	Sarah	BAAQMD Regulation 13 rule development (Rule 13-1 , 13-2, 13-3, 13-4), AQMD request for anaerobic digestion “101” Climate Technology Review doc released, Climate Tech Network Event Jan 22 nd
5.	TCR: Water-Energy GHG (WEG) Guidance Initiative & Water-Energy Nexus Registry (Voluntary)	Greg/Sarah/Jeremy	Two efforts: 1) WEG 2.0 Tech Review Team & 2) Working Group for Voluntary Registry, next round of comments on WEG 2.0 in progress
6.	CA Adaptation efforts: <ul style="list-style-type: none"> • SWRCB Climate Change Resolution • California Coastal Commission Vulnerability Assessments • Climate-Safe Infrastructure Workgroup Report • CPUC Adaptation Rulemaking 	Sarah/Jared	Update on RWQCB’s actions & SWRCB Vulnerability Census edits Coastal Commission drafting Critical Infrastructure Guidance doc – approach for coastal facilities Workgroup to remain active through July 1, 2020 Workshop held Jan 7 th in Los Angeles

LEGISLATIVE UPDATE

	ITEM	LEAD	STATUS
1.	Bill Cycle	Jessica/Jared/Sarah	2018: Executive Order B-55-18 , SB 100 , SB 1440 2019: New bills released and under review

DISCUSSION/INFORMATIONAL ITEMS

	ITEM	LEAD	NOTES
1.	CPUC proposed changes to BioMAT	Julia	PGE filing for bankruptcy
2.	SWRCB Co-digestion Capacity Analysis	Sarah	Survey response update and schedule
3.	Cap-and-Trade Draft Investment Plan	Sarah	Summary of plan
4.	AB 617: Community Air Protection Program	Frank/Sarah	Establishing Steering Committees
5.	Proposed Flare Rules: SCAQMD, SJVAPCD, BAAQMD	David/Ray Sarah	SCAQMD proposed Rule 1118.1
6.	LCFS Proposed Changes	Greg	Tutorial for invited participants
7.	EPA Renewable Fuel Standard RINs	Greg/Sarah	National efforts: reduce food waste & water-energy nexus
8.	N ₂ O Emissions from WWTPs	Sarah/Frank	Coordinate with BAAQMD push in Regulation 13
9.	Biosolids and Fire Reclamation Efforts	Greg	Working to develop plan at Las Virgenes/Malibu
10.	Natural & Working Lands Climate Change Implementation Plan	Sarah	Actions to meet 2030 goal

RECENT AND UPCOMING CONFERENCES/EVENTS

NAME	DATE/LOCATION
CASA Winter Conference	January 23 – 25, Indian Wells
California Bioresources Economy Summit	January 29 – 30, Berkeley (onsite FULL, attend via webcast)
NACWA Winter Conference	February 5 – 8, Albuquerque
CASA Policy Forum	February 25 – 27, Washington, D.C.
Rethink Methane Symposium	February 26 – 27, Sacramento

NEXT MEETING: February 14th, 10:30 am – 1:30 pm (In-Person/Video Conference/Conference Call)



AGENDA

Air Quality, Climate Change, and Energy Workgroup Meeting

Additional topics we review periodically for progress or changes:

State

- AB 617: Community Air Protection Program
- CARB Natural & Working Lands
- CARB Mandatory GHG Reporting Regulation
- CARB 2030 Target Scoping Plan
- CAPCOA Compost White Paper
- CEQA Guidance on GHG Emissions
- CNRA Climate Change Assessment
- CNRA Online CA Sea Level Rise Database
- CNRA Safeguarding CA: Implementation Action Plans
- CEC Climate Change Research Plan
- OEHHA CalEnvironScreen Tool
- California's Climate Future report (by Governor Brown)
- Funding opportunities

National

- NEPA Guidance on GHG Emissions
- EPA EJScreen Tool
- WERF Phase II Project (lab scale based model) - N₂O Emissions from Wastewater Treatment Processes
- WERF High Quality Biosolids from Wastewater Project
- EPA Mandatory GHG Reporting Regulation Updates
- EPA Clean Power Plan (on stay)
- EPA Existing Source Performance Standards
- EPA Biogenic Emissions Accounting Framework
- White House Budget for DOE Energy Efficiency and Renewable Energy Programs
- NACWA Energy Workgroup
- NACWA Climate & Resilience Workgroup
- Funding opportunities

International

- Global GAP (Good Agricultural Practices) & Biosolids

Report to the LGVSD Board from Rabi Elias

The CASA conference Risk Management Seminar Indian Wells, Jan. 23 to 25, 2019

Treatment Plant Operator Competency Based Training.

Speaker Jimmy Dang PE, Oro Loma Sanitary District. The district is working on instating a system, to help competency training to ensure reliable operation of the treatment plant as more experienced operators retire and new operators are hired, the District has embarked on the development of a comprehensive treatment plant operator job competency training system. This methodical and measurable training system will help ensure new operators achieve competency on process systems in a strategic and efficient manner. The goal is to set risk management to effectively prevent operational accidents. Attendees will learn about Oro Loma's development model, lessons learned and the future.

- Establish reliable Standard Operating Procedures (SOPs) to be followed by every operator.
- Create a training program to transfer knowledge from seasoned to new employees. Learners have to demonstrate that they are competent to do their assigned work and when they are ready to operate solo.
- SOPs are not optional with consistent results from one employee to the next. Avoid making the same mistakes over and over.
- Train through class rooms, demonstrations, small groups and hands on.
- Make your staff needs accessible, when they need them, where they are and continuously maintained.
- Perform competency assessments and determine if the training provided was effective and up to date.
- Identify areas where additional training is required.
- Wiggle room to be observed by supervisor or subject matter expert.
- Develop written training standards and video based operator training program for all areas of the plant.



For Other Board Member reports on our next agenda

BASMAA Post-Construction Manual Report
Judy Schriebman

I am a citizen/watershed rep on the Citizen's Advisory Committee for MCSTOPPP (Marin County Stormwater Pollution Prevention Program) and we recently were given the final draft of the BASMAA (Bay Area Stormwater Management Agencies Association) Post-Construction Manual, which we had been given earlier for review and comment.

The manual gives the following language for projects:

** When tallying impervious surface created or replaced, pervious pavements designed according to the criteria in Chapter 4, raised decks and solar panels, and surfaces that drain to the sanitary sewer, such as swimming pools, may be excluded.

In other words, swimming pools are being treated as a *pervious* surface in doing LID (Low Impact Development) projects, including SFR buildings over 2500 sq ft, which requires infiltration basins, swales, etc in order to alleviate the runoff to streets, stormdrains and creeks from wet weather flows. While I recognize that having swimming pool run off go into the sewer system is much preferable to that water entering the environment via the storm drains, it presents other issues for sanitation agencies.

While the amount of swimming pool overflow to a sewer system may be minor compared to other inflows during high rain events, they are NOT pervious. They do not allow for water infiltration to recharge the ground water. Developers are "gaming the system" by using the sewer system as a way around LID, because this water does not "run off" to the storm drain system. This could theoretically lead to impervious roofs, patios and walkways being plumbed to sewer systems in order to avoid run-off mitigation requirements.

I would request based on Board determination that LGVSD write a letter to BACWA (Bay Area Clean Water Agencies) requesting that swimming pools not be considered pervious in such calculations. Construction should take this overflow into account and have LID bioretention facilities build to include this to infiltrate water onsite, or have the pool firmly tarped over to allow rainwater to remain separate from pool water, or to have overflow be connected to the sanitary sewer where there is plant capacity to provide for treatment without overburdening the plant.



**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

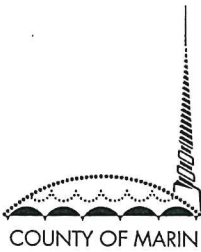
Request was Approved Not Approved at the Board Meeting held on _____.

2-14-2019

BOARD AGENDA ITEM REQUESTS

Agenda Item 10B

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



January 29, 2019

RECEIVED
JAN 31 2019
BOARD OF SUPERVISORS

L.G.V.S.D.
Agenda Item 11
Date February 14, 2019

PRESIDENT
Kathrin Sears
3RD DISTRICT

Via U.S. Mail and email

VICE PRESIDENT
Katie Rice
2ND DISTRICT

Re: Request from Special Districts to Move to Even-Numbered Year Elections

2ND VICE PRESIDENT
Dennis Rodoni
4TH DISTRICT

Our office is notifying you, as required by Section 10404 of the Elections Code, that four special districts (Marin City Community Service District, Muir Beach Community Services District, Sleepy Hollow Fire Protection District, and the Tomales Village Community Services District) have submitted resolutions to the Board of Supervisors to change their regularly scheduled elections for governing board members from odd-numbered years to even-numbered years. The Marin County Elections Department/Registrar of Voters will be advising the Board of Supervisors that it will be able to facilitate the requested changes.

Damon Connolly
1ST DISTRICT

Judy Arnold
5TH DISTRICT

Copies of the resolutions from the above-named districts requesting the change are available for review in the Clerk of the Board Office. The Marin County Elections Department/Registrar of Voters will be advising the Board of Supervisors that it will be able to facilitate the requested changes.

Matthew H. Hymel
COUNTY ADMINISTRATOR
CLERK OF THE BOARD

Pursuant to Section 10404 of the Elections Code, the Board of Supervisors is now offering you the option of providing input regarding the effect of the move. However, you are not required to submit input. Comments on the plans submitted by the above-named districts can be presented at the February 12, 2019 Board of Supervisors' meeting, or written comments may be submitted to the Clerk of the Board, to be received no later than 12:00 p.m. on Monday, February 11, 2019. (Written comments are to be submitted to the Clerk of the Board, Room 329, Marin County Civic Center, San Rafael, CA 94903. The start time of the February 12, 2019 meeting can be obtained by viewing the posted agenda on-line at <http://www.marincounty.org/depts/bs/meeting-archive> or by calling the Clerk of the Board office at 415-473-7331.)

Diane Patterson
ASSISTANT CLERK OF THE BOARD

Marin County Civic Center
3501 Civic Center Drive
Suite 329
San Rafael, CA 94903
415 473 7331 T
415 473 3645 F
415 473 6172 TTY

Sincerely,

DIANE PATTERSON
Assistant Clerk of the Board



Teresa Lerch

From: Mike Prinz
Sent: Monday, February 4, 2019 7:37 AM
To: Teresa Lerch
Subject: FW: Article for Board Packet

To include....

From: Craig Murray [mailto:Craig_Murray@ci.richmond.ca.us]
Sent: Thursday, January 31, 2019 3:46 PM
To: Mike Prinz
Subject: Article for Board Packet

Mike
Can you place this in next packet:

JANUARY 17, 2019

US airport to become first solely heated by renewable natural gas



According to [Airport World](#), Seattle-Tacoma International Airport is to become the US first airport to be heated entirely by renewable natural gas.

The Port of Seattle has announced its Request for Proposals that is calling for renewable natural gas service to supply Sea-Tac Airport's boilers and bus fuelling system.

Arlyn Purcell, director of Aviation Environment and Sustainability at the airport said, "The port can play a major role in creating a renewable natural gas market because we offer stable, long term use of gas."

"If we can attract a project developer to supply the airport, this will spur more opportunities to feed the current gas pipeline with RNG rather than have landfills or digesters flare the gas on-site or allowing their methane emissions to escape into the air," added Purcell.

The Port of Seattle has implemented strong greenhouse gas reduction goals under its Century Agenda. It aims to reduce greenhouse gas emissions from its own operations by 50% from 2005 levels by 2030 and also aims to be carbon neutral or carbon negative by 2050.

Craig K. Murray, SR/WA
Development Project Manager II
City Manager's Office
Property Asset Management Division
Pt Molate Community Advisory Committee Staff Liaison
450 Civic Center Plaza, 2nd Floor, Richmond, CA 94804-1630
510-620-6512 Main Line
510-307-8188 Direct
510-621-1734 Fax

Wireless antennas assailed in Marin

HEALTH CONCERNS

Crowd urges supervisors to reject 5G technology

By Richard Halstead

rhalstead@marinij.com @HalsteadRichard on Twitter

Close to 200 people turned out this week to implore the Marin County Board of Supervisors to resist installation of antennas for the next generation of wireless telecommunications technology known as 5G.

Although a few speakers mentioned the unsightliness of the antennas, most focused on concerns about health due to increased exposure to radio waves.

Dozens of people spoke during a 3-½-hour workshop convened by the supervisors Tuesday to discuss direction to staff on possible amendments to the county's regulations for wireless antenna siting.

"I've been at a lot of public meetings. I have never been in a 100-percent-for-one-side public meeting in my entire life," said Judy Schriebman of San Rafael. "This is unprecedented."

Three people did speak in favor of the new technology at the meeting; however, all were paid by wireless carriers to be there.

Supervisors made clear at the beginning of the workshop that the Telecommunications Act of 1996 and rules adopted by the Federal Communications Commission preclude them from prohibiting new 5G transmitters. The 1996 law expressly preempts local governments from adopting regulations based on environmental effects.

The county has joined with other jurisdictions to mount a legal challenge to the most re-



Schriebman

cent FCC ruling, which limits aesthetic review, prohibits locational restrictions, and sets accelerated timelines for approving new sites. The supervisors concluded the workshop by asking staff to look into setting some restrictions on locating antennas in residential areas, even though it is unclear such restrictions would withstand a legal challenge by the wireless carriers.

The new 5G, or fifth generation wireless technology, uses higher-frequency waves than 4G. The waves support faster speeds but don't travel as far so more transmitters will be needed and they will need to be located closer to users, which increases the anxiety of people worried about health effects.

List of symptoms

Several speakers Tuesday night said they have already suffered health effects due to exposure to wireless radiation.

"You don't want to become me; you don't want to become electrically sensitive," said Maggi Garloff, who proceeded to recite a long list of symptoms she attributes to exposure to radio waves.

The list included: depression, anxiety, panic attacks, irritability, headaches, difficulty sleeping, teeth grinding, chronic fatigue, shortness of breath, increased allergies, heart palpitations, nose bleeds, digestive and lower tract disorders, chronic pain, aching joints, muscle stiffness, dizziness, eye strain, dry skin, eczema, rashes and weight gain.

"I call this my litmus finger because when I go into really bad areas it starts tingling," Garloff said.

Jess Lerner, who helped organize a group called 5G Free Marin, said she first noticed a wireless sensitivity when she was a graduate student at Brown University and her roommates installed a wireless router.

"In the years to come, with exposure increasing, it would become impossible to ignore," Lerner said.

She said her symptoms include headaches, a pounding and racing heart, shaking hands, feeling lightheaded, general weakness, and insomnia.

Chandu Vyas of San Rafael said he discovered he was sensitive to wireless radiation after a smart meter was installed in his home.

"I suddenly developed terrible daily headaches," Vyas said.

"After many tests, my doctor found nothing wrong. Then I visited my family in India for a month and my headaches went away. When I came back home, my headaches also returned."

Safety standards

It is well known that ionizing radiation emitted by sources such as X-ray machines boosts cancer risk by shredding molecules in the body. It has been assumed that the only effect produced by the non-ionizing radio-frequency radiation used by cellphones is the heating of tissue.

Tiffany Baer said, "The Federal Communications Commission (FCC) safety standards rely on thermal studies, but the effects go much deeper than the skin."

David Schonbrunn said, "While the science back in the day only knew about the thermal effects of EMFs, it has progressed since then."

Rachel Gaunt said, "Numerous peer-reviewed studies have shown harmful effects from levels well below the current FCC limits. Replicated research has shown that low-level wireless radiation will promote cancer growth in combination with other toxic exposures."

Harry Lehmann of Novato said that a report issued by the National Toxicology Program in November 2018 confirmed findings that microwave radiation from cellular sources is carcinogenic and the mechanism of harm is nonthermal.

“This is no longer something that is even in rational dispute,” Lehmann said. “People who are saying this is not harmful have simply not looked at the scientific data.”

Referring to the research performed by the National Toxicology Program, which is part of the U.S. National Institutes of Health, a March 2018 article in Scientific American stated, “evidence advanced by the studies shows prolonged exposure to even very low levels of RF radiation, perhaps by mechanisms other than heating that remain unknown, makes rats uniquely prone to a rare tumor called a schwannoma, which affects a type of neuron (or nerve cell) called a Schwann cell.”

The article also noted, however, that “heart schwannomas are exceedingly rare in humans; only a handful of cases have ever been documented in the medical literature.”

Writing about this same study, the National Cancer Institute, stated, “These experimental findings raise new questions as to the potential for radio frequency radiation to result in cellular changes and offer potential avenues for further laboratory studies.”

Industry view

None of the three industry representatives who spoke Tuesday addressed the health issue. They stressed that the transition to 5G is needed to accommodate increased demand for wireless service from customers.

“Most people have purchased smart phones and are increasingly relying on wireless devices for their home, residential and business uses,” said Matt Yergovich, a permitting specialist with AT& T.

Cris Villegos, a representative of Verizon Wireless, said cellphones are increasingly used to make 911 calls.

“In order to ensure that these calls are made successfully we have to ensure that the network is operating at its full potential,” Villegos said.

Villegos said 5G would also allow for the installation of smart chips in cars that will provide collision avoidance.

William Hammett, a Sonoma engineer who certifies that carriers are meeting FCC emission standards did not identify himself as an industry representative when speaking, but said after the meeting that he was paid by Verizon to attend.

“People may not like the standards. My job as an engineer is to assess compliance with the standards,” he said. “These facilities will comply with FCC standards.”

It is well known that ionizing radiation emitted by sources such as X-ray machines boosts cancer risk by shredding molecules in the body. It has been assumed that the only effect produced by the non-ionizing radio-frequency radiation used by cellphones is the heating of tissue.

Sanitary district considers fate of unused property

TIBURON

By Matthew Pera

mpera@marinij.com @MatthewRPera on Twitter

The Richardson Bay Sanitary District will soon decide what to do with its unused property adjacent to Blackie's Pasture, which Tiburon officials hope to buy and convert into a recreation center or open space.

A series of ponds on the property holds recycled water, which Tiburon used for years to water the grass on the nearby McKegney Green. Tiburon no longer uses recycled water to maintain that field, which was renovated last year, so the ponds have become obsolete.

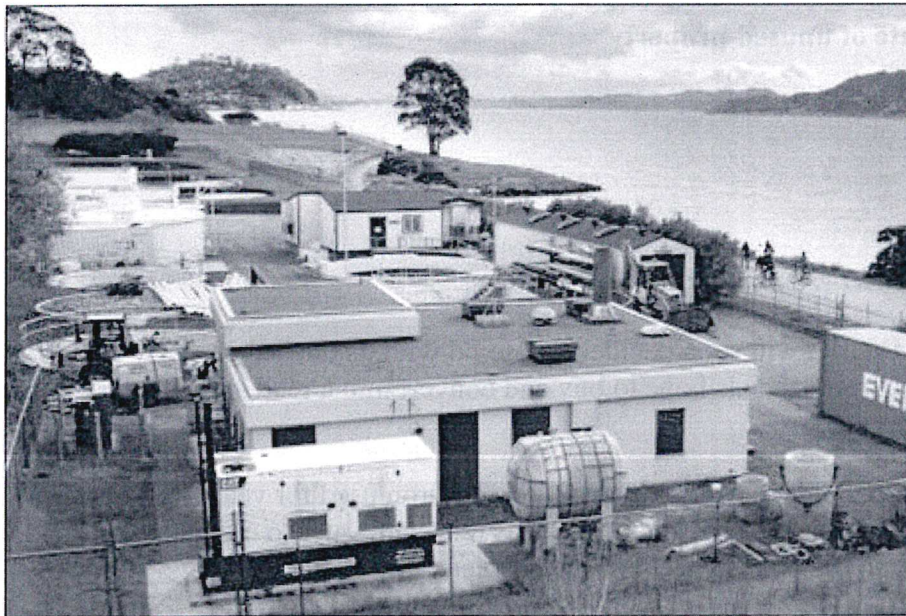
"Since the town stopped using the water, we feel an obligation to fill them in, because you can't just have stagnant water standing around. That's very dangerous," said Sue Benvenuti, who is on the sanitary district's board of directors. "So something will have to be done with it."

The sanitary district provides sewage collection services for some residents on the Tiburon Peninsula.

The district's directors plan to soon have a formal discussion about the property, Benvenuti said. Johnny Tucker, the district's general manager, said he's not interested in selling.

"I'm going to be pushing for it to be a staging area for any construction projects we have, because property is at a premium in Tiburon," he said.

But some board members, who will ultimately decide the fate of the property, haven't yet made up their minds. Benvenuti said she hopes to have a productive discussion during an upcoming board meeting so that directors can work through the possibilities together.



Richardson Bay Sanitary District facilities in Tiburon — town officials hope to buy and convert used district property into a recreation center or open space.

JAMES CACCIATORE — MARIN INDEPENDENT JOURNAL

Frank Trusheim, board president, said he's open to selling the land to Tiburon.

"I hate to see it not being used," he said. "So if the town could put it to good use and we could negotiate something that makes sense, hopefully it's a win-win for both."

Meanwhile, the Tiburon Town Council scheduled two closed-door discussions about the property in recent months. According to Councilwoman Holli Thier, the town has performed a basic environmental analysis at the site.

"There's a multitude of excellent ideas for what could be in that space should the Town Council decide to acquire it and RBSD decide to sell it," she said.

Thier is pushing for a swimming pool or recreation center at the site. Other ideas, she said, include bocce or basketball courts, a teen center and a food concession.

"Even if we just acquire it and it's open space, more open space at Blackie's would be a good thing," she said.

If the town can negotiate a purchase agreement with the district, Thier said, the Town Council will likely launch a series of community discussions to allow residents a chance to weigh in on their ideas for the site.

"It's an excellent opportunity to create a space for the community to gather," she said. "I would love to see that."



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LAS GALLINAS, TEXAS

Atascosa County, South Texas
 Hwy. 281 and FM 536
 About 3 Miles N of [Leming](#)
 15 Miles S of [San Antonio](#)
 Population: Unknown

[Las Gallinas Area Hotels](#) > [San Antonio Hotels](#)

History in a Pecan Shell

For many years the communities of Las Gallinas and [Leming](#) have been erroneously considered as one.

A Town is Born – Again
Las Gallinas emerges from the Shadow of Leming
 by Herman J. Rakowitz

Las Gallinas was settled in the mid-1800's by immigrants from Silensia, Poland. My great grandfather purchased land and settled there with his family in 1867. Las Gallinas still exists today. It is located approximately 3 miles north of Leming, on Hwy. 281. The heart of the community is located at the intersection of FM 536 and Hwy. 281, and includes much of the surrounding area. The creek that runs across 281, and then crosses FM 536 is the Las Gallinas Creek... [next page](#) >

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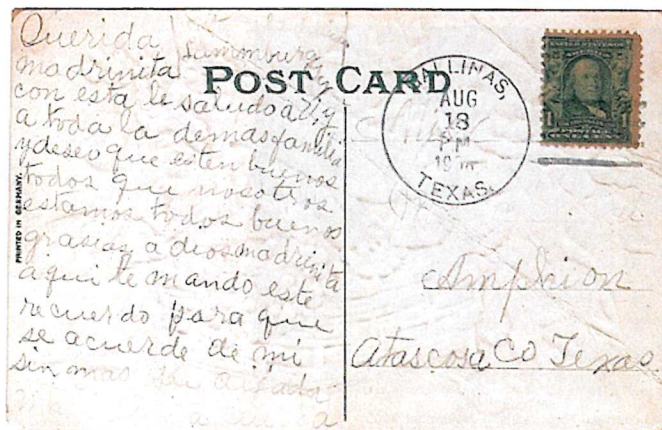
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Historic Photos

Map Location



GALLINAS, TEXAS - 1908

COUNTY/DATES OF OP: ATASCOSA COUNTY, 1880-1912 (CHANGED TO LEMING)

1ST PM/AKA : SAM CHILDRESS; "PROSPECT"

NAMED FOR : ITS LOCATION NEAR GALLINAS ("HENS" (SP.)) CREEK

Postcard cancelled with Gallinas postmark (See [1907 postal map](#))
 Courtesy [The John J. Germann Collection](#)

Las Gallinas' History

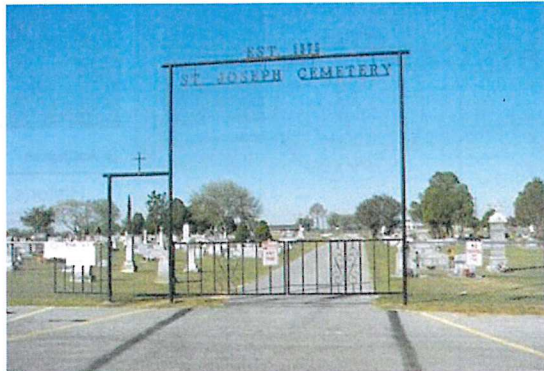
(As stated by a marker at the site of St. Joseph's Catholic Church):
 "St. Joseph's Catholic Church, Las Gallinas, Texas was organized as a parish in 1876 by eight families. The original families were Kasper Kalka, John Korus, Mrs. Anna Skwortz, Joseph Kindla, Sr., Mrs. Anna Salzman, Wilfred Toudouze, Victor Hug and Frank Keenas. If Sunday mass was not possible, the people would gather at the home of Kasper Kalka and recite the fifteen mysteries of the rosary and the litany of the saints. A temporary church was built of 1 x 12 boards brought from [Cuero](#) by John Kalka. The floor sills and shingles were made of native woods. Mrs. Anna Salzman, Kasper Kalka, and John Korus each donated one acre of land for the larger church which was started in 1881. Parishioners: Benjamin Arnold, Emil Arnold, and Fridelin Herr built the church. In 1896, they, with the help of Max Schuritz put in the ceiling, built a bell tower, and made the present pews. The first organ was purchased in 1913. In 1918 the main altar

was purchased and the bell donated by Joseph Kindla. During that (illegible) the baptismal font, the hanging sanctua (illegible) and padding for the kneelers were donated (illegible) Mrs. Julius Espey, Sr. and Mrs. Anna Haiduk. (Illegible) the summer of 1919 a small community of Benedi (illegible) sisters came to St. Joseph's where a two-story convent was built - the first in [Texas](#). Three local girls joined the Benedictine Order ; Katherine Hug (Sister Benedicta), Mary Stanush (Sister Mary Christina), and Cecilia Hug (Sister Mildred). The school building was turned back to the archbishop for indebtedness in 1926, and these sisters were sent to [San Antonio](#). Two other local girls became sisters later; Mary Espey (Sister Julie Adele) and Cecilia Rodriguez (Sister Joan Elise); and in 1931 Father Henry Hug was ordained. During the 1940's El Carmen Catholic Church, [Losoya](#) was a mission of St. Joseph's Catholic Church. More history can be found in the chancery archives in [San Antonio](#). St. Joseph's Catholic Church was destroyed by fire on December 15, 1983."

- Transcribed by [Terry Jeanson](#), November 2009



Las Gallinas TX - St. Joseph's Catholic Church Marker
Photo courtesy [Terry Jeanson](#), November 2009



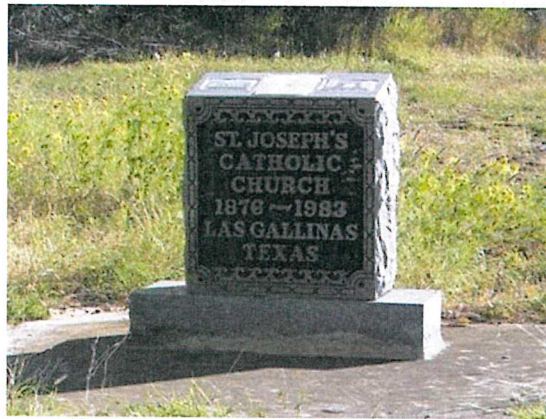
St. Joseph Cemetery
Photo courtesy [Terry Jeanson](#), November 2009



St. Joseph Cemetery cross
Photo courtesy [Terry Jeanson](#), November 2009
More [Texas Cemeteries](#)



St. Joseph's Catholic Church site
Photo courtesy [Terry Jeanson](#), November 2009



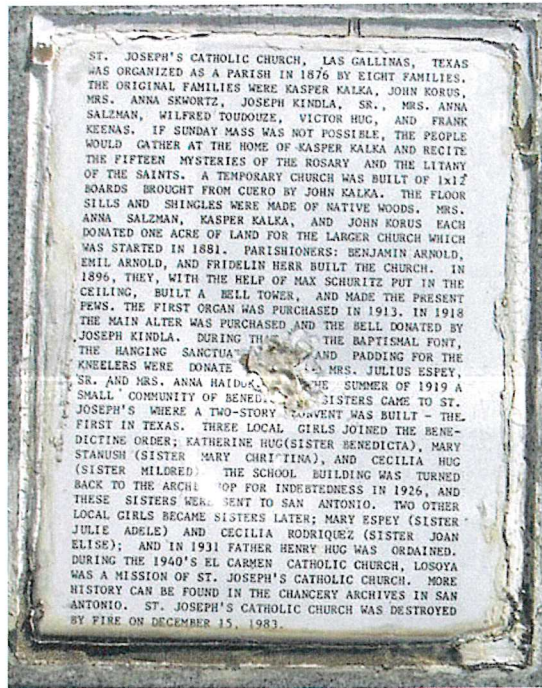
"St. Joseph's Catholic Church 1876-1983 Las Gallinas, Texas"
Photo courtesy [Terry Jeanson](#), November 2009



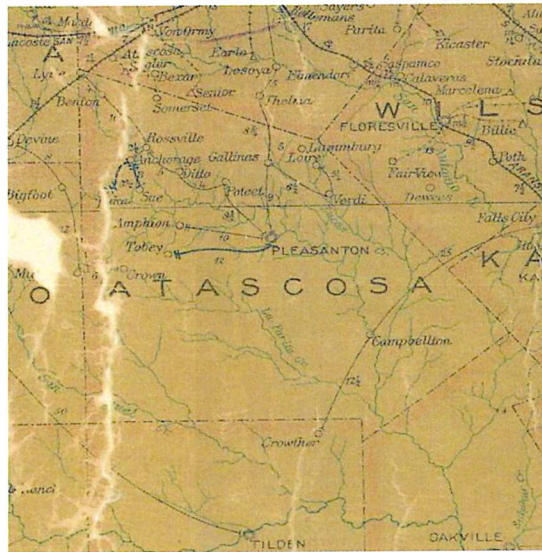
St. Joseph's Catholic Church
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St. Joseph's Catholic Church interior
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1907 Atascosa County Postal Map showing Las Gallinas as Gallinas
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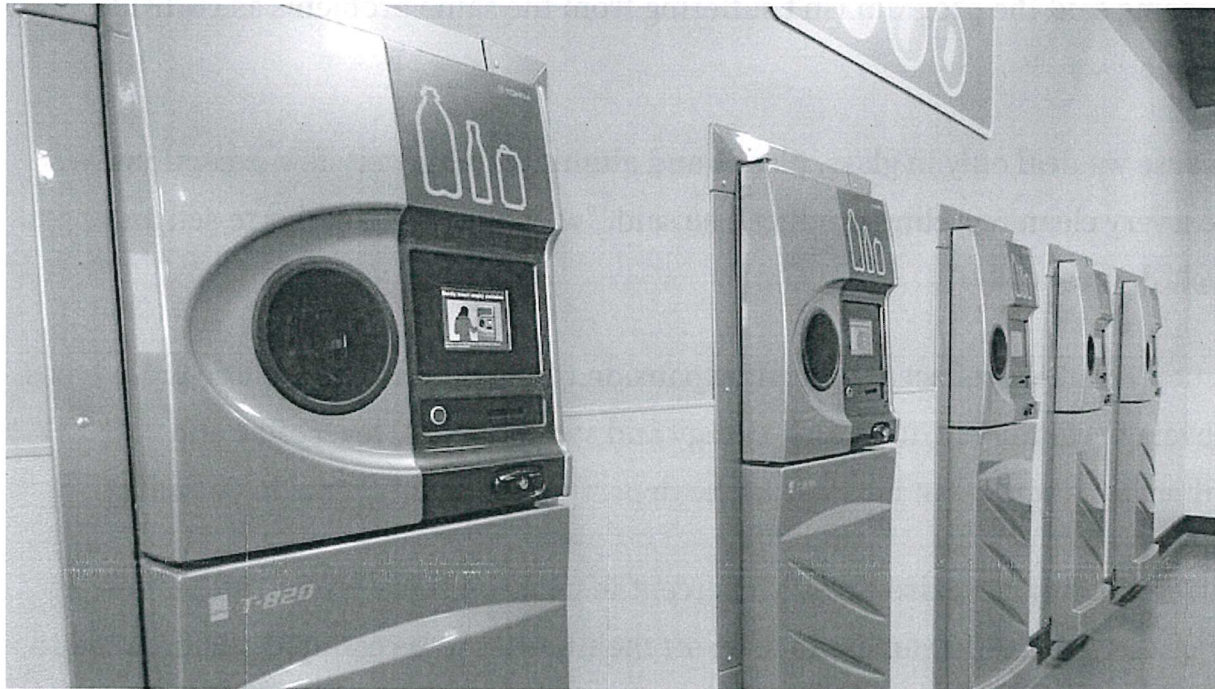
FOOD FOR THOUGHT

Oregon Bottle Deposit System Hits 90 Percent Redemption Rate

February 4, 2019 · 7:01 AM ET

CASSANDRA PROFITA

FROM **OPB**



A row of new reverse vending machines, which collect drink containers for recycling, greets customers at the grand opening of the BottleDrop Redemption Center in Medford, Ore.

Jes Burns/Oregon Public Broadcasting

Oregon's bottle deposit system is recycling more containers than ever before despite major disruptions in global recycling markets.

Last year, Oregon recycled 90 percent of the beverage containers covered by its bottle deposit system. The rate has jumped from 64 percent just two years ago, and the total number of bottles recycled reached an all-time high of 2 billion in 2018.

"That's a really interesting thing given how much change is happening in recycling markets right now," said Joel Schoening with the Oregon Beverage Recycling Cooperative, which runs the state's bottle deposit system.



THE SALT

Oregon Launches First Statewide Refillable Bottle System In U.S.

Schoening said the program isn't suffering from the same problems as curbside recycling.

"Because we deal only in glass, plastic and aluminum with very few exceptions, we have a very clean recycling product," he said, "which makes it easier to sell and recycle domestically."

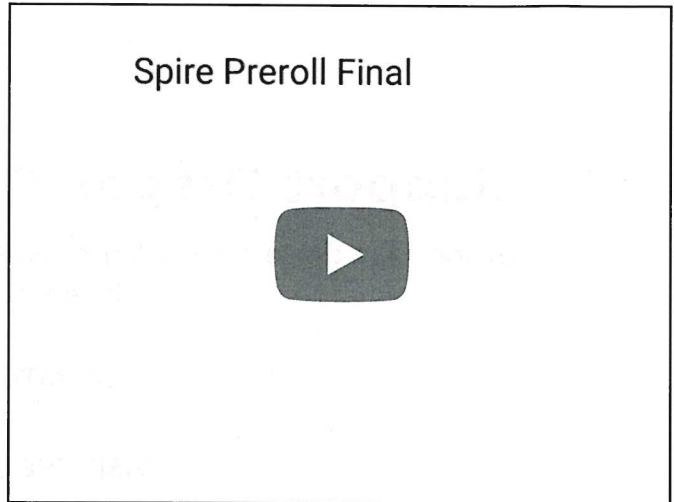
The new numbers reflect the recent expansion of the program to include more types of beverage containers, including energy and sports drinks, tea, coffee and kombucha, as well as an increase in the deposit value from 5 cents to 10 cents.

In 2018, the program also saw a 50 percent increase in sign-ups for the BottleDrop service that allows consumers to drop off their bottles to be counted and credited to their accounts. According to OBRC, more than 300,000 Oregonians now have BottleDrop accounts.

Peter Spendelow, a natural resource specialist with the Oregon Department of Environmental Quality, said the bottle deposit program is helping the state keep its

recycling rate up even as some recycling companies across the state are having to send some of their recyclables to landfills for lack of buyers.

Article continues after sponsor message



"We can see good increases in aluminum, glass and rigid plastic containers — three materials that are dominated by the bottle deposit system," Spendelow said.

In 2017, China — the world's largest buyer of recyclables — severely restricted the amount of recyclable material it allows into the country because commingled recycling shipments had too much nonrecyclable trash in them. That left recycling companies with a much smaller market for recyclable material.

Spendelow said the bottle deposit system benefits from a cleaner mix of recyclable materials than curbside programs.

"People do not put coffee cups in when they return their bottles through the redemption center," he said, "whereas you do see those in curbside bins."

Spendelow said the success of the bottle deposit system proves that deposits can work as an incentive for proper recycling, but it isn't the solution for everything that's going in curbside bins.

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bottles oregon recycling

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