



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

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

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

The Mission of the Las Gallinas Valley Sanitary District is to protect public health and the environment by providing effective wastewater collection, treatment, and recycling services.

BOARD MEETING AGENDA

November 17, 2022

On March 12, 2020, Governor Newsom issued Executive Order N-25-20, which enhances State and Local Governments' ability to respond to COVID-19 Pandemic based on Guidance for Gatherings issued by the California Department of Public Health. The Executive Order specifically allows local legislative bodies to hold meetings via teleconference and to make meetings accessible electronically, in order to protect public health, which was *due to end on September 30, 2021 (Exec. Ord. N-08-21)*. However, the Legislature passed AB 361 which provides local agencies with the ability to meet remotely during proclaimed state emergencies under modified Brown Act requirements, similar in many ways to the rules and procedures established by the Governor's previous Executive Orders. - In light of this – the November 17, 2022 meeting of the LGVSD Board will be held via Zoom electronic meeting*. There will be NO physical location of the meeting. Due to the current circumstances, there may be limited opportunity to provide verbal comments during the meeting. Persons who wish to address the Board for public comment or on an item on the agenda are encouraged, but not required, to submit comments in writing to the Board Secretary (tlerch@lgsd.org) by 5:00 pm on Wednesday, November 16, 2022. In addition, Persons wishing to address the Board verbally must contact the Board Secretary, by email tlerch@lgsd.org) and provide their Name; Address; Tel. No.; and the Item they wish to address by the same date and time deadline for submission of written comments, as indicated above. Please keep in mind that any public comments must be limited to 3 minutes due to time constraints. Any written comments will be distributed to the LGVSD Board before the meeting.

*Prior to the meeting, participants should download the Zoom app at:
<https://zoom.us/download>.

REMOTE CONFERENCING ONLY

Join Zoom Meeting online at: <https://us02web.zoom.us/j/88996659465>

OR

By teleconference at: +16699009128 Meeting ID: Meeting ID: 889 9665 9465

**MATERIALS RELATED TO ITEMS ON THIS AGENDA ARE AVAILABLE FOR
PUBLIC INSPECTION ON THE DISTRICT WEBSITE WWW.LGVSD.ORG**

NOTE: Final board action may be taken on any matter appearing on agenda

Estimated
Time

OPEN SESSION:

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.

4:05 PM

CLOSED SESSION:

- 1A. CONFERENCE WITH LABOR NEGOTIATOR** – Agency designated representative : Gregory Ramirez, IEDA; Employee organization : IUOE Local 3;pursuant to Government Code Section 54957.6

OPEN SESSION:

4:25 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 November 3, 2022
- B. Approve the Warrant List for November 17, 2022
- C. Approve Board Compensation for October 2022
- D. Approve Clark attending CSDA Webinar Special Districts and Next Door on November 29
- E. Approve Murray attending CalRecycle SB 1383 Chat Webinar November 16
- F. Approve Resolution 2022-2287 Remote Meetings
- G. Approve Resolution 2022-2288 B-130 Conflict of Interest
- H. Approve Resolution 2022-2289 Ratification of Side Letter Emergency Response

Possible expenditure of funds: Yes, Item B through E.

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

4:40 PM

3. INFORMATION ITEMS:

STAFF/CONSULTANT REPORTS:

- 1. General Manager's Report – verbal
- 2. Special Districts Leadership Foundation (SDLF) Transparency Award Presentation – Colleen Haley from SDLF to present the award to the Board - written
- 3. Board Policy Review – B-140 Board Meetings and F-140 Donation Policy – written

4. Department Reports – Collections /Maintenance/Safety Department – written
5. Department Reports – Operations Department – written

5:30 PM

4. REVIEW OF THE GARBAGE AND REFUSE RATE FOR 2023 AND SET PUBLIC HEARING FOR ORDINANCE 190

Board and staff to receive Review of Marin Sanitary Service 2023 Rate Application Report, review draft Ordinance 190 amending Marin Sanitary Service Rates for 2023 and set Public Hearing date to consider adoption of Ordinance.

6:00 PM

5. RECEIVE SEWER CAPITAL FACILITIES CHARGE STUDY REPORT AND ADOPT RESOLUTION AMENDING MISCELLANEOUS FEE SCHEDULE

Board to consider Sewer Capital Facilities Charge (CFC) Study Report from HDR, Inc. and adopt Resolution 2022-2290 amending the Miscellaneous fee schedule connection fees imposed by the District.

6:15 PM

6. BOARD MEMBER REPORTS:

1. CLARK

- a. NBWA Board Committee, 2022 Operations Control Center Ad Hoc Committee, 2022 Legal Services Ad Hoc committee, 2022 Human Resources Ad Hoc committee, Other Reports

2. FORD

- a. NBWRA, Marin Special Districts Association, 2022 Ad Hoc Engineering Committee re: STPURWE, 2022 Operations Control Center Ad Hoc Committee, 2022 Human Resources Ad Hoc Committee, 2022 McInnis Marsh Ad Hoc Committee, Other Reports

3. MURRAY

- a. Marin LAFCO, 2022 Biosolids Ad Hoc Committee, CASA Energy Committee, Other Reports

4. SCHRIEBMAN

- a. JPA Local Task Force, Gallinas Watershed Council, Other Reports

5. YEZMAN

- a. Flood Zone 7, CSRMA, 2022 Ad Hoc Engineering Committee re: STPURWE, 2022 Legal Services Ad Hoc Committee, Marin Special Districts, 2022 Biosolids Ad Hoc committee, 2022 McInnis Marsh Ad Hoc Committee, Other Reports

6:30 PM

7. BOARD REQUESTS:

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

6:40 PM

8. VARIOUS INDUSTRY RELATED ARTICLES

6:45 PM

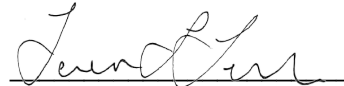
9. ADJOURNMENT

FUTURE BOARD MEETING DATES: DECEMBER 1 AND DECEMBER 15, 2022

AGENDA APPROVED:	Judy Schriebman, Board President	Patrick Richardson, Legal Counsel
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CERTIFICATION: I, Teresa Lerch, District Secretary of the Las Gallinas Valley Sanitary District, hereby declare under penalty of perjury that on or before November 14, 2022 4:00 p.m., I posted the Agenda for the Board Meeting of said Board to be held by Zoom November 17, 2022, at the District Office, located at 101 Lucas Valley Road, Suite 300, San Rafael, CA.

DATED: November 14, 2022



Teresa L. Lerch
Board Secretary

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

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

AGENDA ITEM 1

11/17/2022

PUBLIC COMMENT

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

11/17/2022

CLOSED SESSION

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

MEETING MINUTES OF NOVEMBER 3, 2022

THE BOARD OF DIRECTORS AND STAFF OF THE LAS GALLINAS VALLEY SANITARY DISTRICT MET IN OPEN SESSION BY ZOOM CONFERENCE ON NOVEMBER 3, 2022 AT 4:01 PM BY ZOOM CONFERENCE AT THE DISTRICT OFFICE, 101 LUCAS VALLEY ROAD, SUITE 300 CONFERENCE ROOM, SAN RAFAEL, CA. 94903

BOARD MEMBERS PRESENT: Megan Clark, Ron Ford, Craig Murray, Crystal Yezman

BOARD MEMBERS ABSENT: Judy Schriebman

STAFF PRESENT: Curtis Paxton, General Manager; Teresa Lerch, Board Secretary; Dale McDonald, District Treasurer; Mike Cortez, District Engineer;

OTHERS PRESENT: Patrick Richardson, District Counsel; Mary Martis, GHD; Eddie Divita and Louis White from ESA Associates;

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

1. PUBLIC COMMENT: None.

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 October 20, 2022
- B. Approve the Warrant List for November 3, 2022
- C. Approve Murray attending the CSDA meeting The CPRA and Brown Act on November 15
- D. Approve Murray attending the CSDA Webinar Special Districts and Next Door on November 29
- E. Approve Yezman attending the CSDA Webinar Special Districts and Next Door on November 29
- F. Approve Bid Rejection for the Thickened Waste Activated Sludge (TWAS) Enclosure Rebid project
- G. Approve Application of Allocation for APN 179-173-07 11 Roosevelt Ave Single Family Residence and Accessory Dwelling Unit
- H. Approve Application of Allocation for APN 180-281-34 Congregation Rodef Sholom
- I. Approve Resolution 2022-2285 B-110 Election of Officers, B-120 Duties of Board and Board Members and F-120 Customer Payment

Items A, B and F were pulled for discussion.

ACTION:

Board approved (M/S Ford/Clark 3-0-2-0) the Consent Calendar items A through I with a small correction made to Item A.

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

3. INFORMATION ITEMS:

STAFF / CONSULTANT REPORTS:

1. General Manager's Report – Paxton reported.
2. Board Policy B-130 Conflict of Interest and F-130 Disposal of Surplus Equipment and Property – Discussion ensued. B-130 will be approved by resolution at the next Board meeting. F-130 will be revised and brought back to the Board for future discussion.
3. Department Reports – Engineering – Cortez reported.
4. Department Reports – Administration – McDonald reported.
5. Quarterly Treasurer's & Financial Report as of September 30, 2022- McDonald reported.

Murray arrived at 4:39 PM

4. APPROVE AWARD OF CONTRACT TO ENVIRONMENTAL SCIENCE ASSOCIATES FOR FLOOD PROTECTION PLAN PHASE 1

Board reviewed the award of contract to Environmental Science Associates for Flood Protection Plan Phase 1 in the amount of \$99,955.

ACTION:

Board approved (M/S Ford/Murray 4-0-1-0) the award of contract to Environmental Science Associates in the amount of \$99,955.

AYES: Clark, Ford, Murray and Yezman

NOES: None.

ABSENT: Schriebman

ABSTAIN: None.

5. BOARD MEMBER REPORTS

1. CLARK

- a. NBWA Board Committee – no report
- b. 2022 Operations Control Center Ad Hoc Committee – verbal report
- c. 2022 Legal Services Ad Hoc Committee – no report
- d. 2022 Human Resources Ad Hoc Committee – no report
- e. Other Reports– none

2. FORD

- a. NBWRA – no report
- b. 2022 Engineering Ad Hoc Committee re: Secondary Treatment Plant Upgrade – no report
- c. 2022 Operations Control Center Ad Hoc Committee – no report
- d. 2022 Human Resources Ad Hoc Committee – no report
- e. Marin County Special Districts Association – no report
- f. 2022 McInnis Marsh Ad Hoc Committee – no report
- g. Other Reports – none

3. MURRAY

- a. Marin LAFCO – no report
- b. CASA Energy Committee – verbal report
- c. 2022 Biosolids Ad Hoc Committee – no report
- d. Other Reports – verbal report on meeting with Dr. Ian Pepper, Director of WEST center

4. SCHRIEBMAN - Absent

- a. JPA Local Task Force– no report
- b. Gallinas Watershed Council – no report
- c. Other Reports- no report

5. YEZMAN

- a. Flood Zone 7– no report
- b. CSRMA – no report
- c. Marin Special District Association – no report
- d. 2022 STPURWE Engineering Ad Hoc Committee– no report
- e. 2022 Legal Services Ad Hoc Committee – no report
- f. 2022 McInnis Marsh Ad Hoc Committee- no report
- g. 2022 Biosolids Ad Hoc Committee – no report
- h. Other Reports– SVNA meeting– verbal report

7. **BOARD REQUESTS:**

- A. Board Meeting Attendance Requests – none
- B. Board Agenda Item Requests – none

8. **MISCELLANEOUS DISTRICT CORRESPONDENCE:**

No discussion.

9. **ADJOURNMENT:**

ACTION:

Board approved (M/S Murray/Ford 4-0-1-0) the adjournment of the meeting at 5:26 p.m. in memory of Annette Schriebman, Mother-in-law to the Board President.

AYES: Clark, Ford, Murray and Yezman.

NOES: None.

ABSENT: Schriebman

ABSTAIN: None.

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

ATTEST:

Teresa Lerch, Board Secretary

APPROVED:

Crystal J. Yezman, Vice-President

Agenda Item 2B
 Date November 17, 2022

Las Gallinas Valley Sanitation District
 Warrant List 11/17/2022 DRAFT

	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for items
1	11/17/2022	EFT1	ADP Payroll	2,035.75		2,035.75	11/18/2022 Payroll & Processing Charges
2	11/17/2022	ACH	A and P Moving & Storage	96.80		96.80	Document Storage - November
3	11/17/2022	N/A	Able Tire & Brake	1,270.64		1,270.64	Tires & Alignment -Ford F250 Super Duty
4	11/17/2022	ACH	Alliant Insurance Services	480.00		480.00	Additional Truck Added - 7/1 - 9/30
5	11/17/2022	N/A	Allmax	1,940.00		1,940.00	Operator10 Wastewater Annual Support through 12/31/2023
6	11/17/2022	N/A	Aramark Uniform	199.09		199.09	Uniform Laundry Service w/e 10/31
7	11/17/2022	N/A	Banner Bank	22,250.00		22,250.00	STPURWE- Escrow Payment # 44
8	11/17/2022	N/A	Bartel Associates	4,000.00		4,000.00	GASB 75 Completion
9	11/17/2022	N/A	BullsEye Telecom	325.14		325.14	Truck Lines
10	11/17/2022	ACH	Cal-Steam	260.37		260.37	Misc.Supplies
11	11/17/2022	EFT	CalPERS 457 Plan	7,664.46		7,664.46	EE's Contribution to Deferred Comp. Paydate 11/04/2022
12	11/17/2022	EFT	CalPERS Retirement	23,952.02		23,952.02	EE & ER Payment to Retirement- Paydate 11/04/2022
13	11/17/2022	ACH	CASA	14,300.00		14,300.00	Membership Renewal
14	11/17/2022	N/A	Cintas	144.14		144.14	Safewasher & Filter Service
15	11/17/2022	EFT	City National Bank	674,530.20		674,530.20	Marin Finance Corp. Semi-Annual Loan Agreement
16	11/17/2022	ACH	Contractor Compliance and Monitoring	2,663.00		2,663.00	Labor Compliance - Oct
17	11/17/2022	ACH	Core Utilities	2,335.00		2,335.00	IT Services - Oct
18	11/17/2022	N/A	CPM Construction	2,975.00		2,975.00	On-Call Estimating Support
19	11/17/2022	ACH	CPS HR	2,327.88		2,327.88	HR Consulting Services
20	11/17/2022	N/A	Cresco	9,709.20		9,709.20	PSPS Generator Rental- Sept & Oct
21	11/17/2022	N/A	Danadjieva Hansen Architects	5,037.50		5,037.50	Consulting & Architectural Design OCC Building
22	11/17/2022	ACH	Data Instincts	7,817.50		7,817.50	Public Outreach & Awareness, Outreach & Notices on Secondary Upgrade Project
23	11/17/2022	ACH	DeGabriele, Chris	2,067.68		2,067.68	Consulting Services
24	11/17/2022	EFT	Direct Dental	722.88		722.88	Dental Payment
25	11/17/2022	ACH	Du-All Safety	4,728.00		4,728.00	Safety and Training for LGVSD- Oct
26	11/17/2022	N/A	FLSmith	85.64		85.64	Cylinder Liner
27	11/17/2022	ACH	Ford, Ron	200.00		200.00	Health Reimbursement
28	11/17/2022	ACH	Gardeners Guild	1,203.00		1,203.00	Landscape Maintenance - November
29	11/17/2022	ACH	Grainger	2,965.90		2,965.90	Lubricant Oil, Warning Strobe Light, Grip-Cinching Cable Lockout

Las Gallinas Valley Sanitation District Warrant List 11/17/2022 DRAFT							
	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for items
30	11/17/2022	N/A	GraphicSmith	292.50		292.50	Internet Site Design
31	11/17/2022	N/A	Guide Dogs for the Blind	37,171.20		37,171.20	Sewer Service Refund for 20/21 Revised Water Use
32	11/17/2022	ACH	Hanford ARC	5,040.00		5,040.00	Lower Miller Creek Revegetation Maintenance - Oct
33	11/17/2022	N/A	Hazen and Sawyer	19,845.50		19,845.50	Engineering Services, Digester Room Upgrades, Collection System Hydraulic Model
34	11/17/2022	ACH	HDR Engineering	2,647.50		2,647.50	Capital Facilities Charge Study
35	11/17/2022	N/A	Jackson's Hardware	542.66		542.66	Jackets for Collections, Misc. Supplies
36	11/17/2022	ACH	Kennedy Jenks	11,204.70		11,204.70	Integrated Wastewater Master Plan-Sept
37	11/17/2022	ACH	Kenwood Energy	2,472.50		2,472.50	Solar PV System Upgrade Project-Oct
38	11/17/2022	N/A	Marin Ace	37.10		37.10	Misc. Supplies
39	11/17/2022	N/A	Marin Sanitary Service	750.00		750.00	Dirt Removal
40	11/17/2022	N/A	Marin Water	9,223.72		9,223.72	Water Usage @ Pump Stations & Plant
41	11/17/2022	N/A	Marin/Sonoma Mosquito & Vector Control	2,280.57		2,280.57	Mosquito Control - Sept
42	11/17/2022	ACH	McNeal, Jill	202.00		202.00	CWEA Membership
43	11/17/2022	N/A	McPhail Fuel Company	1,350.53		1,350.53	Propane
44	11/17/2022	N/A	Miksis Services	19,305.00		19,305.00	STPURWE- PC 2 & 3 Flow Restriction Maintenance, Vacuum Snail Shells out of Vault Structure
45	11/17/2022	ACH	Murray, Craig	125.00		125.00	Health Reimbursement
46	11/17/2022	ACH	Myers & Sons Construction	422,750.00		422,750.00	STPURWE- Progress # 44 Construction Change Orders
47	11/17/2022	N/A	Nerviani's Backflow Testing & Repair	159.00		159.00	Backflow Repair
48	11/17/2022	N/A	Nick Barbieri Trucking	3,537.97		3,537.97	Diesel & Unleaded Fuel
49	11/17/2022	N/A	North Valley Labor Compliance Services	150.00		150.00	Hanford Labor Compliance
50	11/17/2022	N/A	Operating Engineers	680.24		680.24	Union Dues - 11/4 paydate
51	11/17/2022	N/A	PAC Machine Company	39,970.13		39,970.13	4 Trash Pumps
52	11/17/2022	N/A	PACE Supply	367.57		367.57	Misc. Supplies
53	11/17/2022	N/A	PG&E	35,102.10		35,102.10	Electricity @ Plant - 9/27-10/25
54	11/17/2022	N/A	PG&E	2,218.91		2,218.91	Electricity on Solar Account - 9/27-10/25
55	11/17/2022	N/A	Platt Electrical Supply	593.92		593.92	Conduit for Hypo Modification
56	11/17/2022	N/A	R. Alexander Associates	4,987.50		4,987.50	Biosolids Research Study
57	11/17/2022	N/A	Rathlin Properties	9,319.00		9,319.00	Rent at 101 Lucas Valley- Dec
58	11/17/2022	ACH	Retiree Augusto	145.65		145.65	Retiree Health -December

Las Gallinas Valley Sanitation District Warrant List 11/17/2022 DRAFT							
	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for items
59	11/17/2022	ACH	Retiree Burgess	153.53		153.53	Retiree Health -December
60	11/17/2022	ACH	Retiree Cummins	153.53		153.53	Retiree Health -December
61	11/17/2022	ACH	Retiree Cutri	440.30		440.30	Retiree Health -December
62	11/17/2022	ACH	Retiree Emanuel	232.94		232.94	Retiree Health -December
63	11/17/2022	ACH	Retiree Gately	158.44		158.44	Retiree Health -December
64	11/17/2022	ACH	Retiree Guion	158.44		158.44	Retiree Health -December
65	11/17/2022	ACH	Retiree Johnson	702.40		702.40	Retiree Health -December
66	11/17/2022	ACH	Retiree Kermoian	153.53		153.53	Retiree Health -December
67	11/17/2022	ACH	Retiree Mandler	153.53		153.53	Retiree Health -December
68	11/17/2022	ACH	Retiree McGuire	625.00		625.00	Retiree Health -December
69	11/17/2022	ACH	Retiree Memmott	153.53		153.53	Retiree Health -December
70	11/17/2022	ACH	Retiree Petrie	145.65		145.65	Retiree Health -December
71	11/17/2022	ACH	Retiree Pettey	153.53		153.53	Retiree Health -December
72	11/17/2022	ACH	Retiree Reetz	456.06		456.06	Retiree Health -December
73	11/17/2022	ACH	Retiree Reilly	153.53		153.53	Retiree Health -December
74	11/17/2022	ACH	Retiree Vine	153.53		153.53	Retiree Health -December
75	11/17/2022	ACH	Retiree Wettstein	667.00		667.00	Retiree Health -December
76	11/17/2022	ACH	Retiree Williams	667.00		667.00	Retiree Health -December
77	11/17/2022	N/A	Roy's Sewer Service	1,600.00		1,600.00	Clean Out Lift Station at Driving Range
78	11/17/2022	ACH	Satcom Global	165.31		165.31	Satelite Phone Service
79	11/17/2022	ACH	Schriebman, Judy	200.00		200.00	Health Reimbursement
80	11/17/2022	N/A	Shape Incorporated	5,405.97		5,405.97	Primary Clarifier Parts for Repairs
81	11/17/2022	N/A	Towne Communications	176.60		176.60	Quarterly Agreement on Phone System
82	11/17/2022	N/A	Uline	2,100.93		2,100.93	Storage Rack
83	11/17/2022	ACH	Unison Solutions	1,567.99		1,567.99	BERS Maintenance Kit
84	11/17/2022	N/A	Unitarian Universal Congregation of Marin	3,483.20		3,483.20	Refund of Sewer Service Charge 19/20 & 20/21 Revised Water Use
85	11/17/2022	ACH	Univar	6,262.56		6,262.56	Sodium Hypochlorite
86	11/17/2022	N/A	Verizon Wireless	1,773.73		1,773.73	Cell Phones 9/17 - 10/26
87	11/17/2022	N/A	Water Components & Building Supply	192.49		192.49	Misc. Supplies

**Las Gallinas Valley Sanitation District
Warrant List 11/17/2022 DRAFT**

	Date	Num	Vendor	Original Amount	Addition and Adjustment	Total Amount	Description for items
88	11/17/2022	N/A	WateReuse	850.00		850.00	Water Symposium Registration for Yezman
89	11/17/2022	N/A	West Yost	12,292.00		12,292.00	Consequence Driven Cyber-Informed Engineering Training without SCADA
90	11/17/2022	EFT	WEX Health	50.00		50.00	FSA Administration- October
91	11/17/2022	N/A	Woodland Center Auto Supply	106.56		106.56	Wiper Blades & Rainx
92	11/17/2022	N/A	Xylem Water Solutions	21,151.37		21,151.37	Service/Repair to Flygt Pumps
93	11/17/2022	ACH	Yezman, Crystal	200.00		200.00	Health Reimbursement

Do not change any formulas below this line.

TOTAL \$ 1,493,819.44 \$ - \$ 1,493,819.44

EFT1	EFT1 = Payroll (Amount Required)	2,035.75	2,035.75	Approval:
EFT2	EFT2 = Bank of Marin loan payments	0.00	0.00	
PC	Petty Cash Checking	0.00	0.00	Finance
>1	Checks (Operating Account)	0.00	0.00	
N/A	Checks - Not issued	284,954.32	284,954.32	GM
EFT	EFT = Vendor initiated "pulls" from LGVSD	706,919.56	706,919.56	
ACH	ACH = LGVSD initiated "push" to Vendor	499,909.81	499,909.81	Board
	Total	\$ 1,493,819.44	\$ 1,493,819.44	

Difference: \$ -

STPURWE Costs 464,305.00

Agenda Item 2C
Date November 17, 2022

Directors' Meeting Attendance Recap

<u>Name</u>	<u>Total Meetings</u>
Megan Clark	5
Ron Ford	4
Craig Murray	6
Judy Schriebman	2
Crystal Yezman	<u>5</u>
Total	<u><u>22</u></u>

Meeting Date: 11/17/2022
Paydate: 11/18/2022

BOARD MEMBER ATTENDANCE FORM

Director's Name: MEGAN CLARK Month: OCTOBER 2022

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
6 th	Reg	X	
20 th	Reg	X	
TOTAL		2	

OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
7 th	NBWA	X	
13 th	ad hoc HR	X	
24 th	ad hoc OCC	X	
TOTAL		3	

Total Meetings for which I am Requesting Payment: Max of six (6) per Health & Safety Code §4733	5
--	---

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

Megan Clark 11-3-2022
Director Signature Date

[Signature] 11/3/22
Administrative Services Manager Approved Date

[Signature] 11.5.22
Board Secretary Received Date



101 Lucas Valley Road, Suite 300, San Rafael, CA 94903
 Office: 415.472.1734 Fax: 415.499.7715

BOARD MEMBER ATTENDANCE FORM

Director's Name: RONALD FORD Month: 10/2022

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
10/06	REG. BOARD	✓	
10/20	REG. BOARD	✓	
10/24	OCC. Ad Hoc	✓	
10/13	H.R. Ad Hoc	✓	
TOTAL			

OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
10/27	FLOOD CONTROL ZONE 7		✓
TOTAL		4	

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

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

Ronald Ford _____ Date: 10/31/2022
 Director Signature
[Signature] _____ Date: 11/3/22
 Administrative Services Manager Approved
[Signature] _____ Date: 10/31/22
 Board Secretary Received



101 Lucas Valley Road, Suite 300, San Rafael, CA 94903

Office: 415.472.1734 Fax: 415.499.7715

BOARD MEMBER ATTENDANCE FORM

Director's Name: MURRAY, Craig K. Month: October 2022

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
10/6/22	Board Meeting	X	
10/20/22	Board Meeting	X	
TOTAL		2/2	

OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
10/5/22	ICMA. Better Together: Building Effective Intergovernmental Partnerships		X
10/2,3,9,23/22	Merrydale Road/Las Gallinas Creek Headwater Litter Removal c/o City of San Rafael: 10/2 1.0 hr; 10/3 1.5 hr; 10/9 0.5 hours; 10/23 2.0 hours		XXXX
10/13/22	LAFCo Regular Meeting		X
10/16/22	Travel Day – 2022 Growing Sustainable Communities	X	
10/17/22	CASA ACE – Advanced Clean Vehicle Subgroup. Coordination Meeting for those to testify at CARB Rule Hearing on ZEV and CASA Biogas, CNG/RNG utilization and opportunities in the proposed regulations		X
10/17,18,19/22	2022 Growing Sustainable Communities Conference. Dubuque, Iowa	XXX	
10/27/22	CASA Air Quality, Climate Change & Energy (ACE) Workgroup Meeting (In Person)	X	
10/27/22	CASA ACE – Advanced Clean Vehicle Subgroup. Prep. Coordinating Mtg. for CARB Hearing.		X
10/28/22	CASA ACE – Advanced Clean Vehicle Subgroup. Testify at CARB Hearing on ZEV Rule Promulgation w/ General Manager.	X	
10/28/22	Meeting with Dr. Ian Pepper, University of Arizona (UA), Director The WEST Center, Discussion on District Biosolids Project, status of Dr. Pepper's National Baseline study and tour of UA WasteWater Research Facility.		X
10/28,29/22	International Right of Way Association, Fall Forum Tucson AZ		XX



101 Lucas Valley Road, Suite 300, San Rafael, CA 94903


Office: 415.472.1734 Fax: 415.499.7715


BOARD MEMBER ATTENDANCE FORM

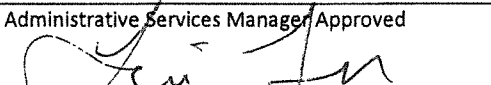
TOTAL		5/13	

Total Meetings for which I am Requesting Payment: Max of six (6) per Health & Safety Code §4733	6 em 7/15
--	-----------

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


 Craig K. Murray

 Director Signature


 Administrative Services Manager Approved


 Board Secretary Received

October 26, 2022/amdended 11/2/2022

 Date
 11/3/22

 Date
 11/2/22

 Date



101 Lucas Valley Road, Suite 300, San Rafael, CA 94903

Office: 415.472.1734 Fax: 415.499.7715

BOARD MEMBER ATTENDANCE FORM

Director's Name: Judy Schriebman Month: October 2022

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
10/6/22	Board Meeting	✓	
10/20/22	Board Meeting	✓	
TOTAL			

OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
TOTAL			

Total Meetings for which I am Requesting Payment:
Max of six (6) per Health & Safety Code §4733 2

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

Approved by email 11/3/22
Judy Schriebman (TL) 11/3/22
 Director Signature Date

[Signature] 11/3/22
 Administrative Services Manager Approved Date

[Signature] 11/3/22
 Board Secretary Received Date



101 Lucas Valley Road, Suite 300, San Rafael, CA 94903
 Office: 415.472.1734 Fax: 415.499.7715

BOARD MEMBER ATTENDANCE FORM

Director's Name: Yezman Month: Oct 2022

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

REGULAR and SPECIAL MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
10/06/2022	Regular Board Mtg	X	
10/20/2022	Regular Board Mtg	X	
TOTAL		2	

OTHER MEETINGS		CHARGING DISTRICT	
Date	Description of meeting	Yes	No
10/10/22	MCOSD Meeting on McGinnis Marsh Project	X	
10/13/22	Flood Zone 7 Meeting (Levee Project)	X	
10/25/22	SVNA Meeting (McGinnis Marsh Project)	X	
TOTAL		3	

Total Meetings for which I am Requesting Payment: Max of six (6) per Health & Safety Code §4733	5
--	----------

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

Director Signature

11/02/22
 Date

Administrative Services Manager Approved

11/3/22
 Date

Board Secretary Received

11/2/22
 Date



BOARD MEMBER CONFERENCE/ MEETING/WEBINAR ATTENDANCE REQUEST

Date: 11-3-22 Name: MEGAN CLARK

I would like to attend the SPECIAL DISTRICTS + NEXT DOOR Meeting
of 11 11 WEBINAR 11

To be held on the 29th day of NOV. from 10:00⁵ a.m. to
29th day of NOV. from 11:30 a.m. / p.m.

Location of meeting: HOME

Actual meeting date(s): 11/29th/22

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

Purpose of Meeting: _____

Meeting relevance to District: _____

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

Board Directors to make their own Hotel Reservations and book their own transportation including airfare, taxi and/or shuttles.

Frequency of Meeting: 1

Estimated Costs of Travel (if applicable): _____

Date submitted to Board Secretary: Nov 3, 2022

Board approval obtained on Date: _____

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



**California Special
Districts Association**
Districts Stronger Together

[Home](#) [Advocate](#) [Learn](#) [Member Resources](#) [About CSDA](#) [About Special Distr](#)

Webinar: Special Districts & Nextdoor: Opportunity Knocking

Moderator: Rachel McGuire, RMG Communications

Panel: Kyle Packham, CSDA; Michael McNutt, Las Virgines Municipal Water District; Robbie Turner, Nextdoor; Meagan Luevano, Placer County Mosquito and Vector Control District

Have you heard? Special districts of all types and boundaries are now able to share valuable information with their constituents utilizing the Nextdoor platform. Join CSDA and CAPIO for a joint webinar to highlight this new opportunity including an expert from Nextdoor. You'll also hear two case studies from special districts that have successfully leveraged Nextdoor.

10:00 - 11:30 a.m.

Free to CSDA and CAPIO members.

\$95 Non-member

Price 0.00

When 11/29/2022

REGISTER SOMEONE ELSE

My registration status: Registered on
10/24/2022

[✎ Edit registrant information](#)

Craig K. Murray, SR/WA | Development Project Manager II | City Manager's Office |
Chief Property Asset Management Division | Staff Liaison Pt Molate Advisory Committee |

AGENDA ITEM 2E
DATE November 17, 2022



BOARD MEMBER CONFERENCE/ MEETING/WEBINAR ATTENDANCE REQUEST

Date: 11/10/22 Name: CRAIG K. MURRAY

I would like to attend the SB 1383 CHAT Meeting
of ZAL RECYCLE

To be held on the 16th day of NOV from 1:00 a.m. / (p.m.) to
16th day of NOV from 3:00 a.m. / (p.m.)

Location of meeting: ONLINE / ZOOM

Actual meeting date(s): 11/16/22

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

Purpose of Meeting: DISCUSSION ON ORGANICS RECYCLING LAW

Meeting relevance to District: GUIDANCE, TOOLS, FUNDING + IMPLEMENTATION
YES NO

Request assistance from Board Secretary to register for Conference:

Board Directors to make their own Hotel Reservations and book their own transportation including airfare, taxi and/or shuttles.

Frequency of Meeting: 1X

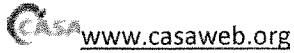
Estimated Costs of Travel (if applicable): 0

Date submitted to Board Secretary: 11/10/22

Board approval obtained on Date: _____

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

CA Association of Sanitation Agencies
925 L Street, Suite 200
Sacramento, CA 95814
PH: 916 446-0388
Mobile: 916 844-5262
gkester@casaweb.org



From: "SLCP.Organics@calrecycle.ca.gov" <SLCP.Organics@calrecycle.ca.gov>
Date: Wednesday, November 9, 2022 at 1:32 PM
To: Greg Kester <gkester@casaweb.org>
Subject: 11-16-2022 SB 1383 Chat with CalRecycle- Zoom Link

You're invited! Save the date!

Date & Time: Wednesday, November 16, 2022, from 1:00 PM – 3:00 PM

CalRecycle will host a webinar, on "SB 1383 Chat with CalRecycle. This webinar will provide an opportunity to discuss new guidance and tools available, funding updates, and share how jurisdictions are implementing programs. CalRecycle staff will be available to answer questions on SB 1383.

Participate via Zoom:

<https://us02web.zoom.us/j/81714318033?pwd=ekN4RzA0dzB1TkZsMziXTUtsdlJQdz09>

Find your local number: ?<https://us02web.zoom.us/j/81714318033?pwd=ekN4RzA0dzB1TkZsMziXTUtsdlJQdz09>

Join by SIP

81714318033@zoomcrc.com

Contact information: SLCP.Organics@calrecycle.ca.gov

For more information go to [Short-Lived Climate Pollutants](#). To unsubscribe from the Short-Lived Climate Pollutants listserv, please go to <https://www2.calrecycle.ca.gov/Listservs/Unsubscribe/152>.

~
Serial Number: EV7CNZE4
Sent On: 11/09/2022 1:32 PM
~

RESOLUTION NO. 2022-2287

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY GOVERNOR'S ORDER, DATED MARCH 4, 2020, IN CONTINUING EXECUTIVE ORDERS, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE BOARD OF DIRECTORS OF THE LAS GALLINAS VALLEY SANITARY DISTRICT FOR THE PERIOD OF NOVEMBER 17, 2022 THROUGH DECEMBER 16, 2022 PURSUANT TO BROWN ACT PROVISIONS

WHEREAS, the LAS GALLINAS VALLEY SANITARY DISTRICT ("District") is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

WHEREAS, all meetings of LAS GALLINAS VALLEY SANITARY DISTRICT's Board of Directors are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), so that any member of the public may attend, participate, and watch the District's legislative bodies conduct their business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provision for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the District's boundaries, caused by natural, technological or human-caused disasters; and

WHEREAS, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, the Board of Directors previously adopted a Resolution, Number 2022-2284 October 20, 2022, finding that the requisite conditions exist for the Board of Directors of the LAS GALLINAS VALLEY SANITARY DISTRICT to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

WHEREAS, as a condition of extending the use of the provisions found in section 54953(e), the Board of Directors must reconsider the circumstances of the state of emergency that exists in the District, and the Board of Directors has done so; and

WHEREAS, emergency conditions persist in the District, specifically, a State of Emergency has been proclaimed by Governor Gavin Newsom, dated March 4, 2020 and continuing; and

WHEREAS, effective, March 1, 2022, the Public Health Officer of The County of Marin (“Health Officer”), in keeping with Health Orders from the California Department of Public Health, strongly recommends that all individuals, regardless of vaccination status, continue to wear face coverings when indoors while in indoor public settings and businesses ; and

WHEREAS, evolving COVID-19 variants (following the highly infectious Omicron variant and BA.2 Omicron subvariant) may continue to pose a significant risk to the health and safety of attendees at an in-person meeting of the Board of Directors of the District; and

WHEREAS, the regular District Board room at 101 Lucas Valley Road, San Rafael, CA 94903 used to hold public meetings is small with no windows that open to the outside; and

WHEREAS, the Board of Directors does hereby find that, as noted by the Governor, the California Department of Public Health and the Marin County Public Health Officer, that a State of Emergency continues to exist in regard to the Covid-19 outbreak and its Delta and Omicron variants, has caused, and will continue to cause, conditions of peril to the safety of persons within the District that are likely to be beyond the control of services, personnel, equipment, and facilities of the District, and desires to proclaim a local emergency and ratify the proclamation of state of emergency by the Governor of the State of California, the California Department of Public Health and the Public Health Officer of The County of Marin; and

WHEREAS, as a consequence of the local emergency persisting, the Board of Directors does hereby find that the Board of Directors of LAS GALLINAS VALLEY SANITARY DISTRICT shall continue to conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall continue to comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

WHEREAS, the District will continue to:

1. Clearly advertise the means by which members of the public can observe a public meeting or offer comment during a meeting remotely, via either a call-in or internet-based option;

2. Provide the relevant remote access information to members of the public looking to attend a meeting of a local agency legislative body. This information includes, but is not limited

to: phone numbers, passwords, URLs, email addresses, etc., such that members of the public are able to attend the meeting remotely;

3. Ensure that the public remains able to connect to a meeting and offer public comment by the means previously advertised in the meeting notice or agenda; and

4. In the event that meetings are interrupted by technological or similar technical disruptions must first resolve those issues before taking any other action(s) on items on the meeting agenda.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF LAS GALLINAS VALLEY SANITARY DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. Affirmation that Local Emergency Persists. The Board of Directors hereby considers the conditions of the state of emergency in the District and proclaims that a local emergency persists throughout the District, and due to the continuing Covid-19 pandemic and its Delta variant, which would present an imminent risk to the health and safety of the Board of Directors and members of the public at an in-person meeting due to the confined space in which the Board of Directors meeting are normally held.

Section 3. Re-ratification of Governor’s Proclamation of a State of Emergency. The Board hereby ratifies the Governor of the State of California’s Proclamation of State of Emergency, effective as of its issuance date of March 4, 2020 and continuing through follow-up Executive Orders, the most recent being Executive Order N-5-22, issued February 28, 2022.

Section 4. Remote Teleconference Meetings. The General Manager and Staff of the LAS GALLINAS VALLEY SANITARY DISTRICT are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 5. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) December 16, 2022, or such time the Board of Directors adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the Board of Directors of LAS GALLINAS VALLEY SANITARY DISTRICT may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

* * * * *

I hereby certify that the forgoing is a full, true and correct copy of a resolution duly and regularly passed and adopted by the Sanitary Board of the Las Gallinas Valley Sanitary District, Marin County, California, at a regular meeting thereof held on November 17, 2022 by the following vote of the members thereof:

AYES, and in the favor thereof, Members:

NOES, Members:

ABSENT, Members:

ABSTAIN, Members:

Teresa Lerch, Board Secretary
Las Gallinas Valley Sanitary District

APPROVED:

Crystal J. Yezman, Vice President
Las Gallinas Valley Sanitary District



Item Number 26
GM Review November 17, 2022

Agenda Summary Report

To: Board of Directors
From: Teri Lerch, Board Secretary
 (415) 526-1510; tlerch@lgvsd.org
Mtg. Date: November 17, 2022
Re: Approve Resolution 2022-2288 adopting revised Board Policy B-130 Conflict of Interest
Item Type: Consent X Action _____ Information _____ Other _____
Standard Contract: Yes _____ No _____ (See attached) Not Applicable X .

STAFF RECOMMENDATION

Attached for approval is Resolution 2022-2288 updating Policy B-130 Conflict of Interest.

BACKGROUND

The Board has requested to review and update Board Policies.

PREVIOUS BOARD ACTION

On November 3, 2022, the Board reviewed Policy B-130 Conflict of Interest and there were no suggested revisions.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

N/A

RESOLUTION NO. 2022-2288

**A RESOLUTION APPROVING BOARD POLICY REVISIONS
FOR B-130 CONFLICT OF INTEREST**

THE LAS GALLINAS VALLEY SANITARY DISTRICT

WHEREAS, the Board of Directors (“Board”) has determined that a comprehensive list of Policies and Procedures for the Board is in the best interest of the District; and

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

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

WHEREAS, such policies may need to be updated from time to time; and

WHEREAS, on November 3, 2022, the Board reviewed Board Policy B-130 Conflict of Interest;

NOW THEREFORE, the Board of Directors of the Las Gallinas Valley Sanitary District approves the following revised policy sections: B-130 CONFLICT OF INTEREST. The previously approved Board Policy B-130 is hereby revoked and declared null and void.

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

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

* * * * *

I hereby certify that the forgoing is a full, true, and correct copy of a resolution duly and regularly passed and adopted by the Sanitary Board of the Las Gallinas Valley Sanitary District, Marin County, California, at a meeting thereof held on the 17th day of November 2022, by the following vote of the members thereof:

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

Teresa Lerch, Board Secretary

APPROVED:

Crystal J. Yezman, Vice-President

B-130 CONFLICT OF INTEREST

Purpose

This policy establishes the rules for disclosure of financial interest and sets forth provisions to avoid conflict of interest.

B-130-10 Statements. Board Members shall file statements of economic interest as required by the Fair Political Practices Commission's regulation, 2 Cal. Code of Regs. 18730.

B-130-20 State Regulations. The terms of 2 Cal. Code of Regs. 18730 and any amendments to it adopted by the Fair Political Practices Commission are hereby incorporated by reference, and, along with the attached Appendix A, in which members of the Board and employees of the District are designated, and in which disclosure categories are set forth, constitutes the conflict of interest code of the District.

B-130-30 Compliance Requirements. Board Members and District employees shall comply with all terms and conditions of the conflict of interest code.

B-130-40 Abstaining From Voting. Board Members shall abstain from discussion and voting, and leave the Board table on any agenda item at a Board meeting involving a personal or financial conflict of interest per statute. Unless a conflict of interest exists, Board Members should not abstain from the Board's decision-making responsibilities.

Resolution No. 2022-2288	Date Approved: November 17, 2022
President of the Board	Last Reviewed: November 3, 2022

LAS GALLINAS VALLEY SANITARY DISTRICT

APPENDIX "A"

CATEGORY 1

Persons in this category shall disclose all interests in real property located within the jurisdiction of the Las Gallinas Valley Sanitary District. Real property shall be deemed to be within the jurisdiction if the property or any part of it is located within, or not more than two miles outside of, the boundaries of the jurisdiction, or within two miles of any land owned or used by the District.

Persons are not required to disclose property used primarily as their principal residence or any other property that they utilize exclusively as their personal residences.

CATEGORY 2

Persons in this category shall disclose reportable income from persons or business entities that have a franchise or contract with the District or that provide, plan to provide or have provided within two years from the time a statement is required under this Conflict of Interest Code, franchise or contractual services, or other services, supplies, materials or equipment of the type utilized by the District.

CATEGORY 3

Persons in this category shall disclose reportable investments in business entities that have a franchise or contract with the District or that provide, plan to provide or have provided within two years from the time a statement is required under this Conflict of Interest Code, franchise or contractual services, or other services, supplies, materials or equipment of the type utilized by the District.

CATEGORY 4

Persons in this category shall disclose reportable business positions in business entities that have a franchise or contract with the District or that provide, plan to provide or have provided within two years from the time a statement is required under this Conflict of Interest Code, franchise or contractual services, or other services, supplies, materials or equipment of the type utilized by the District.

CATEGORY 5

For consultants who serve in a staff capacity with the District, the consultant shall disclose based on the disclosure categories assigned elsewhere in this code for that staff position. For consultants who do not serve in a staff capacity, the following disclosure categories shall be

used:

Persons required to disclose in this category must disclose pursuant to subcategories A, B, and C below unless the Executive Officer determines in writing that a particular consultant is hired to perform a range of duties that is limited in scope and thus is not required to fully comply with the disclosure requirements in categories A, B, or C. Such written determination shall include a description of the consultant's duties and, based upon that description, a statement of the extent of disclosure requirements. The Executive Officer's determination is a public record and must be retained for public inspection in the same manner and at the same location as the District's conflict of interest code.

- A. Reportable interests in real property in the jurisdiction as specified above in Category 1.
- B. Reportable personal and business entity income, as specified above in Category 2.
- C. Reportable investments, as specified above in Category 3.
- D. Reportable business positions, as specified above in Category 4.

LAS GALLINAS VALLEY SANITARY DISTRICT

APPENDIX "B"

<u>Designated Positions</u>	<u>Disclosure Categories</u>
Member of Board of Directors	1, 2, 3, 4
Member of Board of Directors (Alternate)	1, 2, 3, 4
General Manager	1, 2, 3, 4
District Counsel	1, 2, 3, 4
Administrative Services Manager	1, 2, 3, 4
District Engineer	1, 2, 3, 4
Plant Manager	1, 2, 3, 4
Collection System/Safety/Maintenance Manager	1, 2, 3, 4
Consultant	5

Draft

B-130 CONFLICT OF INTEREST

Purpose

This policy establishes the rules for disclosure of financial interest and sets forth provisions to avoid conflict of interest.

B-130-10 Statements. Board Members shall file statements of economic interest as required by the Fair Political Practices Commission's regulation, 2 Cal. Code of Regs. 18730.

B-130-20 State Regulations. The terms of 2 Cal. Code of Regs. 18730 and any amendments to it adopted by the Fair Political Practices Commission are hereby incorporated by reference, and, along with the attached Appendix A, in which members of the Board and employees of the District are designated, and in which disclosure categories are set forth, constitutes the conflict of interest code of the District.

B-130-30 Compliance Requirements. Board Members and District employees shall comply with all terms and conditions of the conflict of interest code.

B-130-40 Abstaining From Voting. Board Members shall abstain from discussion and voting, and leave the Board table on any agenda item at a Board meeting involving a personal or financial conflict of interest per statute. Unless a conflict of interest exists, Board Members should not abstain from the Board's decision-making responsibilities.

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



Item Number _____ 2H _____

GM Review _____ CP _____

Agenda Summary Report

To: Board of Directors

From: Dale McDonald, Administrative Services Manager *DM*
(415) 526-1519 dmcDonald@lqvsd.org

Meeting Date: November 17, 2022

Re: Ratification of Side Letter - Stand-by Emergency Response Stipend for Two Eligible Employees

Item Type: Consent X Action _____ Information _____ Other _____.

Standard Contract: Yes _____ No _____ (See attached) Not Applicable X .

STAFF RECOMMENDATION

Board to adopt Resolution No. 2022-2289 ratifying and adopting Side Letter regarding eligibility of a stand-by emergency response stipend for two employees, to be added to the Memorandum of Understanding 2021-2023 as Appendix E.

BACKGROUND

In 2021, negotiations between International Union of Operating Engineers Local No. 3 (“OE3”) and the District to develop a successor Memorandum of Understanding (“MOU”) agreement between OE3 and the District resulted in a Total Tentative Agreement (“TTA”) being agreed upon by the bargaining parties. Included in the TTA was the elimination of the previously Board approved Commute Stipend and the establishment of an Emergency Response Stipend available to all emergency response employees. The TTA included a requirement that a Side Letter be executed to address two employees receiving the Commute Stipend of \$500, for living within 7.5 miles of the plant, to continue to receive the same stipend amount under the new MOU.

The successor MOU contract language was finalized along with the Side Letter. The MOU was presented to the Board on August 19, 2021 but the Side Letter was not. A General Provision of the Side Letter requires “approval, ratification and adoption by the District Board of Directors.”

The terms of the Side Letter were approved as part of the TTA but the formal ratification and adoption by the Board did not occur. It was an oversight that the Side Letter was not presented to the Board along with the MOU. Both the MOU and Side Letter were executed at the same time, by OE3 on August 25, 2021 and by the District on September 10, 2021.

The Board conferenced with the District’s designated representative, Gregory Ramirez, in closed session on September 15, 2022. Staff has drafted a resolution confirming the Side Letter as agreed to in the TTA.

PREVIOUS BOARD ACTION

On August 11, 2021, the Board approve terms and conditions in the TTA and gave the General Manager authority to finalize contract language in a successor MOU.



On August 19, 2021, the Board approved the MOU between the District and OE3.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

The total annual cost for implementation of the Side Letter is \$4,800. The cost is factored into the budget.

Attachments:

- Resolution No. 2022-2289 Ratifying Side Letter Agreement Between Las Gallinas Valley Sanitary District and Operating Engineers Local No. 3 for Stand-by Emergency Response Stipend for Two Eligible Employees
- Exhibit A of Resolution No. 2022-2289 Side Letter Agreement between Las Gallinas Valley Sanitary District and Operating Engineers Local No. 3

RESOLUTION NO. 2022-2289

A RESOLUTION RATIFYING AND ADOPTING AGREEMENT BETWEEN LAS GALLINAS VALLEY SANITARY DISTRICT AND OPERATING ENGINEERS LOCAL NO. 3 FOR STAND-BY EMERGENCY RESPONSE STIPEND FOR TWO ELIGIBLE EMPLOYEES

WHEREAS, negotiations between the Las Gallinas Valley Sanitary District (“District”) and International Union of Operating Engineers Local No. 3 (“OE3”) to develop a successor Memorandum of Understanding (“MOU”) agreement between OE3 and the District resulted in a Total Tentative Agreement (“TTA”) being agreed upon by the bargaining parties; and

WHEREAS, the TTA eliminated the previously Board approved Commute Stipend, established an Emergency Response stipend for all previously approved emergency response employees, and included a requirement that a Side Letter be executed to address two employees receiving the Commute Stipend; and

WHEREAS, the two employees were receiving a \$500 monthly Commute Stipend for living within 7.5 miles of the District’s plant prior to the adoption of the successor MOU; and

WHEREAS, the two employees would have lost \$200 when the Commute Stipend in the successor MOU was replaced with the Emergency Response stipend unless action was taken by the District; and

WHEREAS, a Side Letter was drafted with the terms reviewed and approved as part of the TTA by OE3; and

WHEREAS, on August 19, 2021, the Board approved the MOU between the District and OE3 setting forth terms and conditions of employment for certain District employees; and

WHEREAS, both the MOU and Side Letter were executed together, by OE3 on August 25, 2021 and by the District on September 10, 2021; and

WHEREAS, the Board finds that granting the additional stipend to these two eligible employees is not a gift-of-public funds; and

WHEREAS, the Side Letter only applies to the two listed individuals and upon leaving employment of the District this stipend will not be in place for any subsequent employee fulfilling the duties of these positions.

NOW THEREFORE, the Board of Directors of the Las Gallinas Valley Sanitary District ratifies and adopts the attached Exhibit A, Side Letter Agreement between Las Gallinas Valley Sanitary District and Operating Engineers Local No. 3 for Stand-by Emergency Response Stipend for Two Eligible Employees, to be effective the same day that the Board approved the Memorandum of Understanding between the District and Operating Engineers Local No. 3, August 19, 2021.

BE IT FURTHER RESOLVED, that the Side Letter shall be added as Appendix E of the Memorandum of Understanding 2021-2023.

BE IT FURTHER RESOLVED, that the \$500 stipend will phase out as identified employees either move to a classification that is not eligible for the Emergency Response stipend or leave employment with the District.

* * * * *

I hereby certify that the forgoing is a full, true, and correct copy of a resolution duly and regularly passed and adopted by the Sanitary Board of the Las Gallinas Valley Sanitary District, Marin County, California, at a meeting thereof held on the 17th day of November 2022, by the following vote of the members thereof:

AYES, and in favor thereof Members:

NOES, Members:

ABSENT, Members:

ABSTAIN, Members:

Teresa Lerch, Board Secretary

APPROVED:

Crystal J. Yezman, Vice-President

SIDE LETTER OF AGREEMENT
BETWEEN
LAS GALLINAS VALLEY SANITARY DISTRICT
AND
OPERATING ENGINEERS LOCAL NO. 3

I. Parties

The Parties to this Side Letter of Agreement (herein after “Side Letter”) are the Las Gallinas Valley Sanitary District (hereinafter referred to as the “District”) and the Operating Engineers Local No. 3 (hereinafter referred to as the “Union”).

II. Background

The Parties are the signatories to a Memorandum of Understanding (hereinafter referred to as the “MOU”) setting forth terms and conditions of employment for certain District employees. The terms set forth below amend the existing MOU. The Parties agree as follows:

III. MOU Side Letter

- A. For Purposes of the MOU, this Side Letter shall be added as Appendix E upon adoption of the Board of Directors. The existing 2021-2023 MOU will, in all other respects, remain in effect without change through the term specified therein.
- B. The Parties hereby agree as follows:

Effective on the first day of the first full month following Board adoption of the 2021-2023 MOU, in addition to the 2-hours of standby pay for being assigned stand-by duty and any overtime pay for responding to call-outs, eligible employees shall receive a monthly stipend for having served on stand-by or for responding to a call-out within the prior four (4) bi-weekly pay periods. Eligibility for the stipend is on a month-to-month basis and not automatically continuous.

Eligible employees for purposes of this Side Letter agreement are:

- Chris Gill
- Stephen Inskeep

For as long as named employees are in an eligible classification, said employees shall receive a \$500 stipend per month payable in equal payments in the applicable bi-weekly payroll following eligibility.

IV. General Provisions

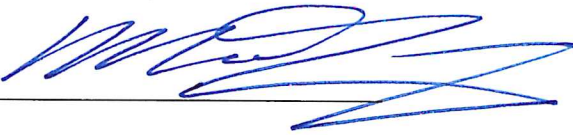
- A. This Side Letter will take effect immediately upon approval, ratification and adoption by the District Board of Directors.
- B. The written terms herein embody the entire Side Letter of Agreement between the Parties.

[Signatures on next page]

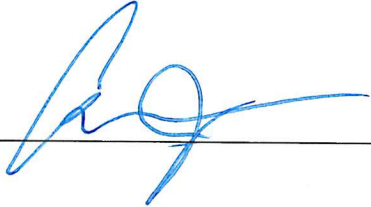
SIDE LETTER OF AGREEMENT
BETWEEN
LAS GALLINAS VALLEY SANITARY DISTRICT
AND
OPERATING ENGINEERS LOCAL NO. 3

IN WITNESS WHEREOF, the parties hereto have executed this Side Letter of Agreement on
this 10th day of SEPTEMBER, 2021.

For Las Gallinas Valley
Sanitary District



For Operating Engineers Local 3



Date:

9/10/2021

Date:

August 25, 2021

11/17/2022

General Manager Report

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



Item Number 3.2
GM Review CR

Agenda Summary Report

To: Board of Directors
From: Teri Lerch, Executive Assistant/Board Secretary
(415) 526-1510; tlerch@lgsd.org
Mtg. Date: November 17, 2022
Re: Special District Leadership Foundation District Transparency Certificate of Excellence
Item Type: Consent _____ Action _____ Information X Other _____.
Standard Contract: Yes _____ No _____ (See attached) Not Applicable X _____.

STAFF RECOMMENDATION

Board accepts the District Transparency Certificate of Excellence from Colleen Haley, the California Special Districts Field Coordinator.

The Special District Leadership Foundation (SDLF) created the District Transparency Certificate of Excellence Program in an effort to promote transparency in operations and governance of special districts to the public/constituents and provide special districts with an opportunity to highlight their efforts in transparency. The program is made available to districts that apply and meet the specific requirements, which include general, website, and outreach best practices.

Staff submitted an application in September 2022, fulfilled the requirements and the District has been awarded the SDLF District Transparency Certificate of Excellence. The Award is good from 2022 through 2025.

In addition to the certificate, the District will also receive recognition on the SDLF website, in the California Special District magazine and the CSDA eNews. Letters will be sent to legislators within the District boundaries announcing our achievement and a press release will also be printed in the Marin Independent Journal (see attached documents).

LGVSD has received this recognition in 2015, 2017 and 2019.

PREVIOUS BOARD ACTION

N/A

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

N/A



September 28, 2022

Las Gallinas Valley Sanitary District
101 Lucas Valley Rd., Ste. 300
San Rafael, CA 94903-1795

RE: District Transparency Certificate of Excellence Approval

Congratulations! Las Gallinas Valley Sanitary District has successfully completed the District Transparency Certificate of Excellence program through the Special District Leadership Foundation (SDLF).

On behalf of the SDLF Board of Directors, I would like to congratulate your district on achieving this important certificate. By completing the District Transparency Certificate of Excellence Program, Las Gallinas Valley Sanitary District has proven its dedication to being fully transparent as well as open and accessible to the public and other stakeholders.

Congratulations and thank you for your dedication to excellence in local government.

Most sincerely,

Sandy Raffelson
SDLF Board President

District Transparency Certificate of Excellence

September 2022 – September 2025

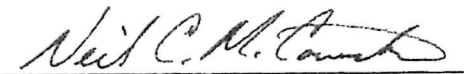
The Special District Leadership Foundation is proud to present this
District Transparency Certificate of Excellence to

Las Gallinas Valley Sanitary District

In recognition of the district's completion of all transparency program requirements
designed to promote transparency in their operations and governance
to the public and other stakeholders.



Sandy Seifert Raffelson, SDLF Board President



Neil McCormick, SDLF Chief Executive Officer

[District Logo]

FOR IMMEDIATE RELEASE

Month Day, Year

Contact:

Name

Las Gallinas Valley Sanitary District
101 Lucas Valley Rd., Ste. 300
San Rafael, CA 94903-1795

Transparency Certificate of Excellence Awarded to Las Gallinas Valley Sanitary District

San Rafael, CA — Las Gallinas Valley Sanitary District received the District Transparency Certificate of Excellence by the Special District Leadership Foundation (SDLF) in recognition of its outstanding efforts to promote transparency and good governance.

“This award is a testament to Las Gallinas Valley Sanitary District’s commitment to open government,” said, Curtis Paxton, General Manager. “Our staff is to be commended for their contributions that empower the public with information and facilitate engagement and oversight.” To receive the award, Las Gallinas Valley Sanitary District demonstrated the completion of essential governance transparency requirements, including conducting ethics training for all board members, properly conducting open and public meetings, and filing financial transactions and compensation reports to the State Controller in a timely manner.

SDLF is an independent, non-profit organization formed to promote good governance and best practices among California’s special districts through certification, accreditation, and other recognition programs.

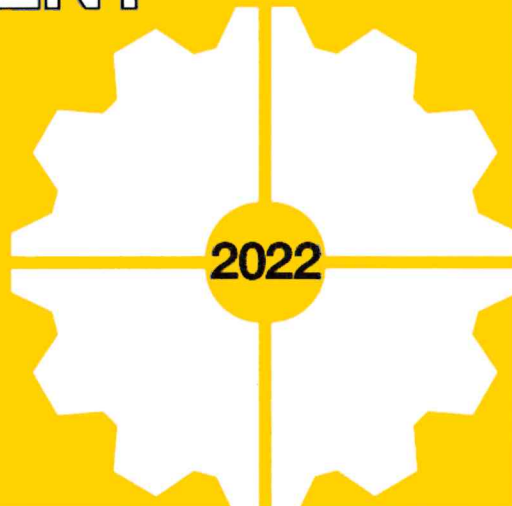
Special districts are independent public agencies that deliver core local services to communities, such as Utility, wastewater treatment, fire protection, parks and recreation, healthcare, sanitation, mosquito abatement, ports, libraries, public cemeteries and more. Districts are established by voters and their funding is approved by voters to meet specific needs through focused service. They can be specially molded to serve large regions or small neighborhoods depending on the need.

OUR COMMITMENT TO TRANSPARENCY



DISTRICT TRANSPARENCY CERTIFICATE OF EXCELLENCE RECIPIENT

sdlf.org





SHOWCASE YOUR DISTRICT'S COMMITMENT TO TRANSPARENCY

District Transparency Certificate of Excellence

Purpose

To promote transparency in the operations and governance of special districts to the public/constituents and provide special districts with an opportunity to showcase their efforts in transparency.

Duration

3 Years

Application Cost

FREE

Electronic filing is preferable.

info@sdlf.org

District Receives

- Certificate for display (covering 3 years)
- Press release template
- Recognition on the SDLF website
- Letter to legislators within the district's boundaries announcing the achievement
- Recognition in social media, and the CSDA eNews
- Window cling

Basic Requirements

Current Ethics Training for All Board Members *(Government Code Section 53235)*

- Provide names of board members and copies of training certificates along with date completed

Compliance with the Ralph M. Brown Act *(Government Code Section 54950 et. al)*

- Provide copy of current policy related to Brown Act compliance
- Provide copy of a current meeting agenda (including opportunity for public comment)

Adoption of Policy Related to Handling Public Records Act Requests

- Provide copy of current policy

Adoption of Reimbursement Policy, If District Provides Any Reimbursement of Actual and Necessary Expenses

(Government Code Section 53232.2 (b))

- Provide copy of current policy

Annual disclosure of board member or employee reimbursements for individual charges over \$100 for services or products. This information is to be made available for public inspection. "Individual charge" includes, but is not limited to: one meal, lodging for one day, or transportation. *(Government Code Section 53065.5)*

- Provide copy of the most recent document and how it is accessible.

Timely Filing of State Controller's Special Districts Financial Transactions Report -

Includes Compensation Disclosure. *(Government Code Section 53891)*

- Provide copy of most recent filing.

SDLF staff will verify that district is not listed on the State Controller's 'non-compliance list'

Conduct Audits As Required By Law *(Government Code Section 26909 and 12410.6)*

- Provide copy of most recent audit, management letter, and a description of how/where documents were made available to the public

Other Policies – Have Current Policies Addressing the Following Areas

Provide copies of each:

- Conflict of Interest
- Provide copies of Form 700 cover sheet for board members and general manager
- Code of Ethics/Values/Norms or Board Conduct
- Financial Reserves Policy

Website Requirements

Maintain a district website with the following items Required. (provide direct website links for each item) - Required items available to the public:

- Names of board members and their full terms of office to include start and end date
- Name of general manager and key staff along with contact information
- Election/appointment procedure and deadlines
- Board meeting schedule
(Regular meeting agendas must be posted 72 hours in advance pursuant to *Government Code Section 54954.2 (a)(1)* and *Government Code Section 54956 (a)*)
- District's mission statement
- Description of district's services/functions and service area
- Authorizing statute/Enabling Act (Principle Act or Special Act)
- Current District budget
- Most recent financial audit
- Archive of Board meeting minutes for at least the last 6 months
- Link to State Controller's webpages for district's reported board member and staff compensation (*Government Code Section 53908*)
- Link to State Controller's webpages for district's reported Financial Transaction Report (*Government Code Section 53891 (a)*)
- Reimbursement and Compensation Policy
- Home page link to agendas/board packets (*Government Code Section 54957.5*)
- SB 272 compliance-enterprise catalogs (*Government Code Section 6270.5*)
- Machine readable/searchable agendas

Additional items – website also must include at least 4 of the following items:

- Post board member ethics training certificates
- Picture, biography and e-mail address of board members
- Last (3) years of audits
- Financial Reserves Policy
- Online/downloadable public records act request form
- Audio or video recordings of board meetings
- Map of district boundaries/service area
- Link to California Special Districts Association mapping program
- Most recent Municipal Service Review (MSR) and Sphere of Influence (SOI) studies (full document or link to document on another site)
- Link to www.districtsmakethedifference.org site or a general description of what a special district is
- Link most recently filed to FPPC forms

Outreach/Best Practices Requirements - (Must complete at least 2 of the following items)

Regular district newsletter or communication (printed and/or electronic) that keeps the public, constituents and elected officials up-to-date on district activities (at least twice annually)

- Provide copy of most recent communication and short description on the frequency of the communication, how it's distributed and to whom.

Community notification through press release to local media outlet announcing upcoming filing deadline for election or Appointment and process for seeking a position on the district board, prior to that election (or prior to the most recent deadline for consideration of new appointments for those districts with board members appointed to fixed-terms).

- Provide copy of the press release (and the printed article if available)

Complete salary comparison/benchmarking for district staff positions using a reputable salary survey (at least every 5 years)

- Provide brief description of the survey and process used as well as the general results

Special Community Engagement Project

Designed and completed a special project promoting community engagement with the district (potential projects may be broad in nature or focus on specific issues such as rate-setting, recycled water, identifying community needs, etc.)

- Submit an overview of the community engagement project reviewing the process undertaken and results achieved

Hold annual informational public budget hearings that engage the public (outreach, workshops, etc.) Prior to adopting the budget

- Provide copy of most recent public budget hearing notice and agenda.

Community Transparency Review

The district would be required to obtain a completed overview checklist from at least 2 of the following individuals (the district may choose to conduct the overview with these individuals simultaneously or separately):

- Chair of the County Civil Grand Jury
- Editor of a reputable local print newspaper (only one may count toward requirement)
- LAFCO Executive Officer
- County Auditor-Controller
- Local Legislator (only one may count toward requirement)
- Executive Director or President of local Chamber of Commerce
- General Manager of a peer agency (special district, city, county, neighborhood association, community organization or county administrative officer)

- Provide proof of completion signed by individuals completing Community Transparency Review



SHOWCASE YOUR DISTRICT'S COMMITMENT TO TRANSPARENCY

District Transparency Certificate of Excellence

Submit Application

Submit this application along with all required documentation to:

Electronic filing is preferable.

info@sdlf.org

Special District Leadership Foundation
 1112 I Street, Suite 200
 Sacramento, CA 95814
 Phone: 916-231-2909 • Fax: 916-442-7889

District:		
Mailing Address:		
City:	State:	Zip:
Contact Name:		
Contact Title:		
Phone:	Fax:	
Email:	Website:	
Assembly Member(s)*:		
Senator*:		
Local Newspaper(s):		
I certify that the information submitted is accurate and complete to the best of my knowledge.		Signature:

**include all state legislators representing the district's area of operation*



Item Number 3.3
GM Review CR

Agenda Summary Report

To: Board of Directors
From: Teri Lerch, Executive Assistant/Board Secretary
(415) 526-1510; tlerch@lgvsd.org
Mtg. Date: November 17, 2022
Re: Board Policy Review of B-140 Board Meetings and F-140 Donation Policy
Item Type: Consent _____ Action _____ Information X Other _____
Standard Contract: Yes _____ No _____ (See attached) Not Applicable X _____

STAFF RECOMMENDATION

Attached for information and Board review are current Board Policies B-140 Board Meetings and F-140 Donation Policy. District Counsel has also reviewed these policies and made suggestions. No staff changes are suggested for F-140 Donation Policy as it was just updated and approved at the February 17, 2022 Board meeting.

For clarity, original policies B-140 and F-140 are included with Draft Policy B-140 and F-140 with suggested changes highlighted in yellow and deletions/additions shown in red. Staff will receive comments on the subject policies at the meeting and through November 22, 2022.

Comments received will be incorporated or addressed prior to bringing back these policies to the Board for approval at the next Board meeting.

The Board has requested to review and update Board Policy.

PREVIOUS BOARD ACTION

None

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

N/A

B-140 BOARD MEETINGS**Purpose**

This policy sets forth the rules for the conduct of Board meetings.

B-140-10 Regular Meetings. Regular meetings of the Board shall be held on the First and Third Thursday of each month, begin at 4:030 p.m., and held at the District Office.

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

B-140-20 Special Meetings. A special meeting of the Board may be called as needed by the Board President or by a majority of the Board. A written notice of the special meeting, specifying the time and place of the meeting and the business to be transacted or discussed, shall be delivered at least 24 hours prior to the meeting to Board Members. Newspapers of general circulation in the District, radio stations and television stations, organizations, citizens and property owners who have requested notice of special meetings in accordance with the Ralph M. Brown Act (California Government Code §54950 through §54926) shall be notified by a mailing unless the special meeting is called less than one week in advance, in which case notice, including business to be transacted, will be given by telephone during business hours as soon after the meeting is scheduled as practicable. No other business shall be considered or discussed at these meetings. The Board may meet in closed session during a special meeting.

B-140-30 Emergency Meeting. In the case of an emergency situation requiring prompt action due to the disruption or threatened disruption of public facilities, the Board may hold an emergency meeting without complying with either the 24-hour notice requirement or the 24-hour posting requirement. "Emergency situation" means any of the following:

- (a) An emergency, defined as a Work-work ~~stoppage~~, crippling activity, or other activity that severely impairs public health, safety, or both, as determined by a majority of the members of the Board, and
- (b) A dire emergency defined as a Crippling disaster, mass destruction, terrorist act, or threatened terrorist activity that poses peril so immediate and significant that requiring the Board to provide a one-hour notice before holding an emergency meeting may endanger the severely impairs public health, safety, or both, as determined by a majority of the members of the Board.

In the event of an "Emergency situation", where prompt action is necessary due to the disruption or threatened disruption of public facilities, the Board may hold an emergency meeting without complying with the 24-hour notice posting requirements. However, each local newspaper of general circulation and radio or television station which has requested notice of special

meetings shall be notified one (1) hour prior to the emergency meeting or (2) in the case of a "dire emergency" at or near the time that the Board President notifies the other members of the Board of the emergency meeting. This notice shall be by telephone and all telephone numbers provided by each newspaper or station for notification of special meetings shall be exhausted. In the event that telephone services are not functioning, the notice requirements shall be deemed waived, and the District shall notify those newspapers, radio, or television stations of the holding of the emergency meeting, the purpose of the meeting, and any action taken at the meeting as soon after the meeting as possible.

The Board shall not meet in closed session during an emergency meeting except pursuant to Gov. Code § 54956 (Closed sessions: personnel matters), if agreed to by a two-thirds vote of Board members present, or, if less than two-third of the Board are present, then by a unanimous vote of the Board members present. All special meeting requirements are applicable to emergency meetings, except the 24-hour notice requirement.

The minutes of emergency meetings, a list of persons the District notified or attempted to notify, a copy of the roll call vote, and any actions shall be posted for a minimum of 10 days in a public place as soon after the meeting as possible

B-140-40 Closed Sessions. Closed sessions of the Board of Director shall be held in cases where the business of the Board of Directors meets the criteria set forth the Ralph M. Brown Act (California Government Code §54950 through §54926) and only when those criteria are met (such as litigation or potential litigation or litigation settlements, labor agreements, real estate negotiations, or employment status of public employees matters). No business other than those announced on the public agenda may be discussed in the closed session.

B-140-50 Public Testimony. The Board may take public testimony at regular and special meetings of the Board on matters that are not on the agenda, but the Board shall not discuss or take action on such matters at that meeting except in the following circumstances:

- 1) An emergency situation is declared by the majority vote of the Board.
- 2) A need to take immediate action on a matter that arises after the agenda is posted is declared by a two-thirds vote of the Boards, or unanimous if less than two-thirds of the Board is present.
- 3) An item on a posted agenda for a prior meeting of the Board is continued from a Regular Board meeting held not more than five (5) days prior to the date action is taken on the item, and at the prior meeting the item was continued to the meeting at which action is being taken-

The General Manager shall ensure that appropriate information is available for the audience at meetings of the Board of Directors, and that physical facilities for said meetings are functional and appropriate.

B-140-60 Rules of Order. Board meetings shall be conducted by the Board President in a manner consistent with Board policies, the Ralph M. Brown Act (California Government Code §54950 through §54926) and Robert’s Rules of Order as directed by District Counsel.

B-140-70 Agenda. Board meetings shall begin at the time stated on the agenda and shall be guided by the agenda. The President shall have the authority to change the order of the agenda.

B-140-80 Board Member Roles. The Board within its legal limits has unrestricted authority. The conduct of Board meetings shall allow Board Members to: (1) consider problems to be solved, weigh evidence, and make wise decisions, and (2) receive, consider, and take action on reports of District operations.

B-140-90 Quorum Required. Individual Board Members or a group of Board Members representing less than a quorum of the Board at a legal meeting of the Board shall not take any action or make any representation that results in: (1) the budgeting or expending of District funds, (2) the establishing of any procedures or making policy, or (3) the taking of any action on behalf of the Board without first obtaining the Board’s approval at a legal meeting of the Board.

B-140-100 Majority Vote. Action can only be taken by a majority vote of the Board. Three (3) Board Members constitute a quorum required to conduct business. When only a quorum is present, all three votes must be unanimous to take action.

B-140-110 Abstentions. A Board member abstaining in a vote is considered as absent for that vote. Thus, an abstention when only a quorum is present prevents the Board from taking action. Similarly, two abstentions with all Board Members present on matters requiring a two-thirds vote automatically defeats the motion.

B-140-120 Rules for Speakers. The public shall be allowed to address the Board regarding agenda items and any other matter within the jurisdiction of the District. The Board President shall determine the appropriate place or places in the agenda for such public testimony and shall have the authority to set equal time limits on speakers. Speakers are requested to follow the Rules for the Conduct of Business at Meetings of the Board of Directors of the Las Gallinas Valley Sanitary District and are requested to fill out a Request to Speak Form, copies of which are attached here to as Exhibit B140-120A.

B-140-130 Maintaining Order. No person shall be allowed to disrupt the meeting. The Board President shall have the authority to bar disruptive persons from giving public testimony or to order their removal from the Board Room. Any necessary and reasonable actions may be taken by the President to maintain order and allow the meeting to continue.

Resolution No. 2019-2160	Date Approved: April 11, 2019
President of the Board	Supersedes: Last Reviewed

B-140-140 Attendance. Board Members shall attend all meetings of the Board unless there is a good cause for absence. Board Members shall thoroughly prepare themselves to discuss agenda items. All materials pertaining to the Board shall be channeled through the District Manager for distribution to all Board members.

B-140-150 Action Items. Board actions shall include, but are not limited to, adoption or rejection of regulations or policies, resolutions, ordinances, contracts or expenditures, any proposal that commits District funds or facilities, matters that require or may require the District or its employees to take action and /or provide services.

B-140-160 Action by Consensus. The Board by consensus and without formal action may give directions or instructions to the General Manager. The President shall determine if a Board consensus has been reached. Should any two Board Members challenge the President's determination of consensus, a voice vote shall be taken. A formal motion may be made to place a disputed directive on a future Board agenda or to take some other action, such as referring the matter to the General Manager for review and recommendation.

B-140-170 Limits on Consensus. Informal action by consensus constitutes Board action and shall only be taken on agenda items.

B-140-180 Open-Meeting Law. Under provisions of California's Ralph M. Brown Act (California Government Code §54950 through §54926) open-meeting law, all meetings of the Board are open to the public except for closed sessions, which are held to consider personnel matters, pending litigation, labor negotiations, land acquisitions or other matters provided for by law. A majority of the board shall not discuss nor reach consensus on any matter under the jurisdiction of the District except at a legal meeting of the Board. The Board fully supports the letter and spirit of the open-meeting law and the public's right to view the public's business in open session.

B-140-190 Recording Vote. Except where action is by unanimous vote of all members present and voting, the ayes and noes shall be taken on all actions.

B-140-200 Remote or Hybrid Meetings. The Board may choose to conduct meetings remotely, via teleconference or conduct hybrid meetings involving a mixture of in-person and remote attendees, as allowed by state law.

Resolution No. 2019-2160	Date Approved: April 11, 2019
President of the Board	Supersedes: Last Reviewed

DRAFT

F-140 DONATION POLICY

Purpose

This policy establishes a formal procedure for allocating funds to non-profit community groups requesting contributions from the District.

Donations must serve a public purpose. The gift of public funds, such as any expenditure which benefits an individual or small class of individuals only, with no benefit to all of the residents of the District is prohibited by the Constitution of the State of California, Article XVI, Section 6.

Eligibility

Funding contributions will be considered only for educational or non-profit groups with projects, programs and events that serve to benefit the public and meet the mission of the District to protect the public health and our environment, by providing effective wastewater collection, treatment, and recycling services.

Additional factors to be considered when determining whether to fund a contribution:

- When the educational or non-profit provides a service that complements or enhances one the District provides itself.
- When there is an identifiable secondary benefit to the District; or
- When the educational or non-profit provides a service the District could provide but chooses not to.

Eligible applicants must be hosted by a group that can show the donation benefits the residents of the District. Eligible groups include:

- A. School Groups: Activities or educational programs offered by school groups that represent schools whose boundaries are partially or wholly within the District’s limits.
- B. Community and Non-profit Groups: Events and programs hosted by a non-profit, or by a group sponsored by a non-profit, recognized as a legal entity organized and operated for a collective, public or social benefit.

Ineligible activities: Political, religious, fundraising for undefined activities, and personal expenditures are not eligible for funding.

Reporting: Recipient of the donation must provide a written report to the District Board within 6 months of the event or program end-date. Late, partial, or non-submitted reports for past events will be considered by the District Board when considering future donation requests.

Resolution No. 2022-2238	Date Approved: February 17, 2022
President of the Board	Supersedes: Last Reviewed:

Procedure

The procedure for requesting and receiving a contribution is as follows:

- A. The District Board allocates funding for this program through the annual budget process which will set the annual maximum funding limit of the program.
- B. All applicants must submit a written request. Multiple requests may be submitted in a single fiscal year (July 1- June 30), so long as the total of such requests does not exceed the maximum funding cap. Non-profits, or groups partnered with a non-profit, must provide a Federal Tax ID number along with their current budget and latest financial statement.
- C. Requests that are consistent with the eligibility requirements will be brought to the District Board as the Board Schedule and Board Agenda permit. The Board shall make findings that establishes the benefit to the District and the community it serves.
- E. Requests are considered on a first-come-first-served basis.
- F. The District Board has established a contribution cap of \$12,500 to any single applicant in a fiscal year. However, upon review of the submitted application and supporting materials it is within the Board's discretion to allow a greater contribution amount per fiscal year, where the Board finds and determines that an applicant provides either 1) a service that complements or enhances any services provided by the District, or 2) the applicant provides a demonstrable secondary benefit to the District and the community it serves, or 3) the applicant provides a service the District could provide but chooses not to do so.

Management of the Program

The General Manager shall oversee the program and has the authority to delegate management of the program to the Administrative Services Manager. Development of program materials, forms, and waivers required by the program are to be coordinated by staff of the District. Reporting requirements of the program are to be established by the General Manager. All financial reporting requirements and waivers required by the program will comply with applicable federal, state, and local laws.

District staff will perform a review of eligibility requirements for each application and perform preliminary inquiries as needed so that the District Board has enough details on the request to make an informed decision regarding the application.

Resolution No. 2022-2238	Date Approved: February 17, 2022
President of the Board	Supersedes: Last Reviewed:

B-140 BOARD MEETINGS**Purpose**

This policy sets forth the rules for the conduct of Board meetings.

B-140-10 Regular Meetings. Regular meetings of the Board shall be held on the First and Third Thursday of each month, begin at 4:30 p.m., and held at the District Office. By at least a 3/5ths majority vote, the Board may approve a change of the date and/or time of a Regular Meeting. If less than all five members of the Board of Directors are present to vote on the proposed change of the Regular Meeting date and/or time, then the vote approving the change must be by at least three (3) members of the Board. A notice of the change of the date and/or time of the Regular Meeting shall be posted at least two (2) weeks prior to the changed Regular Meeting in a location that is freely accessible to members of the public and in the same manner as for the publishing of the Agenda for a Regular Meeting.

B-140-20 Special Meetings. A special meeting of the Board may be called as needed by the Board President or by a majority of the Board. A written notice of the special meeting, specifying the time and place of the meeting and the business to be transacted or discussed, shall be delivered at least 24 hours prior to the meeting to Board Members. Newspapers of general circulation in the District, radio stations and television stations, organizations, citizens and property owners who have requested notice of special meetings in accordance with the Ralph M. Brown Act (California Government Code §54950 through §54926) shall be notified by a mailing unless the special meeting is called less than one week in advance, in which case notice, including business to be transacted, will be given by telephone during business hours as soon after the meeting is scheduled as practicable. No other business shall be considered or discussed at these meetings. The Board may meet in closed session during a special meeting.

B-140-30 Emergency Meeting. In the case of an emergency situation requiring prompt action due to the disruption or threatened disruption of public facilities, the Board may hold an emergency meeting without complying with either the 24-hour notice requirement or the 24-hour posting requirement. "Emergency situation" means any of the following:

- (a) Work stoppage or other activity that severely impairs public health, safety, or both, as determined by a majority of the members of the Board, and
- (b) Crippling disaster that severely impairs public health, safety, or both, as determined by a majority of the members of the Board.

However, each local newspaper of general circulation and radio or television station which has requested notice of special meetings shall be notified one (1) hour prior to the emergency meeting by telephone and all telephone numbers provided by each newspaper or station for notification of special meetings shall be exhausted. In the event that telephone services are not functioning, the notice requirements shall be deemed waived, and the District shall notify those newspapers, radio, or television stations of the holding of the emergency meeting, the purpose, and any action taken at the meeting as soon after the meeting as possible.

The Board shall not meet in closed session during an emergency meeting. All special meeting requirements are applicable to emergency meetings, except the 24-hour notice requirement.

The minutes of emergency meetings, a list of persons the District notified or attempted to notify, a copy of the roll call vote, and any actions shall be posted for a minimum of 10 days in a public place as soon after the meeting as possible

B-140-40 Closed Sessions. Closed sessions of the Board of Director shall be held in cases where the business of the Board of Directors meets the criteria set forth the Ralph M. Brown Act (California Government Code §54950 through §54926) and only when those criteria are met (such as litigation or potential litigation or litigation settlements, labor agreements, real estate negotiations, or employment status of public employees matters). No business other than those announced on the public agenda may be discussed in the closed session.

B-140-50 Public Testimony. The Board may take public testimony at regular and special meetings of the Board on matters that are not on the agenda, but the Board shall not discuss or take action on such matters at that meeting except in the following circumstances:

- 1) An emergency situation is declared by the majority vote of the Board.
- 2) A need to take immediate action on a matter that arises after the agenda is posted is declared by a two-thirds vote of the Boards, or unanimous if less than two-thirds of the Board is present.
- 3) An item on a posted agenda is continued from a Regular Board meeting held not more than five (5) days prior.

The General Manager shall ensure that appropriate information is available for the audience at meetings of the Board of Directors, and that physical facilities for said meetings are functional and appropriate.

B-140-60 Rules of Order. Board meetings shall be conducted by the Board President in a manner consistent with Board policies, the Ralph M. Brown Act (California Government Code §54950 through §54926) and Robert's Rules of Order as directed by District Counsel.

B-140-70 Agenda. Board meetings shall begin at the time stated on the agenda and shall be guided by the agenda. The President shall have the authority to change the order of the agenda.

B-140-80 Board Member Roles. The Board within its legal limits has unrestricted authority. The conduct of Board meetings shall allow Board Members to: (1) consider problems to be solved, weigh evidence, and make wise decisions, and (2) receive, consider, and take action on reports of District operations.

B-140-90 Quorum Required. Individual Board Members or a group of Board Members representing less than a quorum of the Board at a legal meeting of the Board shall not take any action or make any representation that results in: (1) the budgeting or expending of District

funds, (2) the establishing of any procedures or making policy, or (3) the taking of any action on behalf of the Board without first obtaining the Board's approval at a legal meeting of the Board.

B-140-100 Majority Vote. Action can only be taken by a majority vote of the Board. Three (3) Board Members constitute a quorum required to conduct business. When only a quorum is present, all three votes must be unanimous to take action.

B-140-110 Abstentions. A Board member abstaining in a vote is considered as absent for that vote. Thus, an abstention when only a quorum is present prevents the Board from taking action. Similarly, two abstentions with all Board Members present on matters requiring a two-thirds vote automatically defeats the motion.

B-140-120 Rules for Speakers. The public shall be allowed to address the Board regarding agenda items and any other matter within the jurisdiction of the District. The Board President shall determine the appropriate place or places in the agenda for such public testimony and shall have the authority to set equal time limits on speakers. Speakers are requested to follow the Rules for the Conduct of Business at Meetings of the Board of Directors of the Las Gallinas Valley Sanitary District and are requested to fill out a Request to Speak Form, copies of which are attached here to as Exhibit B140-120A.

B-140-130 Maintaining Order. No person shall be allowed to disrupt the meeting. The Board President shall have the authority to bar disruptive persons from giving public testimony or to order their removal from the Board Room. Any necessary and reasonable actions may be taken by the President to maintain order and allow the meeting to continue.

B-140-140 Attendance. Board Members shall attend all meetings of the Board unless there is a good cause for absence. Board Members shall thoroughly prepare themselves to discuss agenda items. All materials pertaining to the Board shall be channeled through the District Manager for distribution to all Board members.

B-140-150 Action Items. Board actions shall include, but are not limited to, adoption or rejection of regulations or policies, resolutions, ordinances, contracts or expenditures, any proposal that commits District funds or facilities, matters that require or may require the District or its employees to take action and /or provide services.

B-140-160 Action by Consensus. The Board by consensus and without formal action may give directions or instructions to the General Manager. The President shall determine if a Board consensus has been reached. Should any two Board Members challenge the President's determination of consensus, a voice vote shall be taken. A formal motion may be made to place a disputed directive on a future Board agenda or to take some other action, such as referring the matter to the General Manager for review and recommendation.

Resolution No. 2009-1872	Date Approved: July 9, 2009
President of the Board	Supersedes:

B-140-170 Limits on Consensus. Informal action by consensus constitutes Board action and shall only be taken on agenda items.

B-140-180 Open-Meeting Law. Under provisions of California's Ralph M. Brown Act (California Government Code §54950 through §54926) open-meeting law, all meetings of the Board are open to the public except for closed sessions, which are held to consider personnel matters, pending litigation, labor negotiations, land acquisitions or other matters provided for by law. A majority of the board shall not discuss nor reach consensus on any matter under the jurisdiction of the District except at a legal meeting of the Board. The Board fully supports the letter and spirit of the open-meeting law and the public's right to view the public's business in open session.

B-140-190 Recording Vote. Except where action is by unanimous vote of all members present and voting, the ayes and noes shall be taken on all actions.

Resolution No. 2009-1872	Date Approved: July 9, 2009
President of the Board	Supersedes:

ORIGINAL

F-140 DONATION POLICY

Purpose

This policy establishes a formal procedure for allocating funds to non-profit community groups requesting contributions from the District.

Donations must serve a public purpose. The gift of public funds, such as any expenditure which benefits an individual or small class of individuals only, with no benefit to all of the residents of the District is prohibited by the Constitution of the State of California, Article XVI, Section 6.

Eligibility

Funding contributions will be considered only for educational or non-profit groups with projects, programs and events that serve to benefit the public and meet the mission of the District to protect the public health and our environment, by providing effective wastewater collection, treatment, and recycling services.

Additional factors to be considered when determining whether to fund a contribution:

- When the educational or non-profit provides a service that complements or enhances one the District provides itself.
- When there is an identifiable secondary benefit to the District; or
- When the educational or non-profit provides a service the District could provide but chooses not to.

Eligible applicants must be hosted by a group that can show the donation benefits the residents of the District. Eligible groups include:

A. School Groups: Activities or educational programs offered by school groups that represent schools whose boundaries are partially or wholly within the District's limits.

B. Community and Non-profit Groups: Events and programs hosted by a non-profit, or by a group sponsored by a non-profit, recognized as a legal entity organized and operated for a collective, public or social benefit.

Ineligible activities: Political, religious, fundraising for undefined activities, and personal expenditures are not eligible for funding.

Reporting: Recipient of the donation must provide a written report to the District Board within 6 months of the event or program end-date. Late, partial, or non-submitted reports for past events will be considered by the District Board when considering future donation requests.

Resolution No. 2022-2238	Date Approved: February 17, 2022
President of the Board	Supersedes:

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- C. Requests that are consistent with the eligibility requirements will be brought to the District Board as the Board Schedule and Board Agenda permit. The Board shall make findings that establishes the benefit to the District and the community it serves.
- E. Requests are considered on a first-come-first-served basis.
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District staff will perform a review of eligibility requirements for each application and perform preliminary inquiries as needed so that the District Board has enough details on the request to make an informed decision regarding the application.

Resolution No. 2022-2238	Date Approved: February 17, 2022
President of the Board	Supersedes:

**SSO SPILL SUMMARY**

- 07/22/2022 – Intersection of Professional Center/Redwood Hwy – Category 3 SSO (did not make it to waters of the state).
 - SSO Totaling approximately 245 gallons.

KEY MAINTENANCE PROJECTS

- Staff reassembled secondary digester - replaced sacrificial anodes inside the digester, installed cover, replaced carbon in vent assembly, replaced scum-buster pump with new, replaced failed sludge feed valve and added piping supports, replaced drain valve, and replaced supernatant 3-way valve.
- Refurbished both grit washer screws with new hardened screw flighting and lower bearing assemblies.
- Repaired failed grit separation cone and installed new liner.
- Replaced the eye wash station at the ferric tanks and made changes to supply piping to use potable water.
- Located and repaired leak in 8" irrigation line at pond one.
- Rebuilt large PVC header on recycled water (train two).
- Repaired hand wheel actuator on valve G-10 at irrigation pump station.
- Contractor replaced shop entrance door.
- Spare grit pump was rebuilt and placed in storage for future use.
- Routine Preventative Maintenance Work Orders – Treatment Plant/Pump Stations/Reclamation
- (400) Fleet Maintenance Inspections

SAFETY ISSUES AND TRAINING

- Lockout Tagout – Policy updates and training
- Confined space review and training
- Near Miss review and investigation

OTHER

- Collection System – Pump Station Maintenance (Routine)
- Collection System – “Hotspot” maintenance (Quarterly)

REQUESTS FOR PROPOSALS

- None

PERFORMANCE METRICS

Collection System Cleaning and CCTV Inspection

- Flushed/Rodded = *110,000 feet; Percent of District = 19.0%.
- CCTV Inspected = **1,500 feet; Percent of District = 0.04%
- Manhole inspections performed = 281
- USA Ticket Work Orders = 681

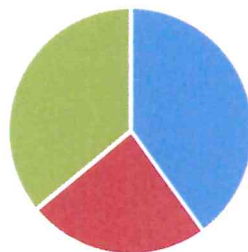
**Estimated based on 421 lines cleaned at average length of 250' per line (Cityworks footage data not available at the time this report).*

***Estimated based on 6 lines inspected at average length of 250' per line*

Lateral Construction and Repair Inspections

- Applications received = 28
- Full Replacement Inspections Performed = 10 Full Replacements
- Cleanout Installation Inspections Performed = 6 Cleanout Installations
- Spot Repairs/Upper/Lower Replacements Performed = 9 partial replacements or spot repairs

Lateral Construction and Repair Inspections



- Full Lateral Replacement
- Cleanout Installation Inspection
- Partial Replacement - Spot Repair/Upper/Lower Lateral

CNG Fueling Stations

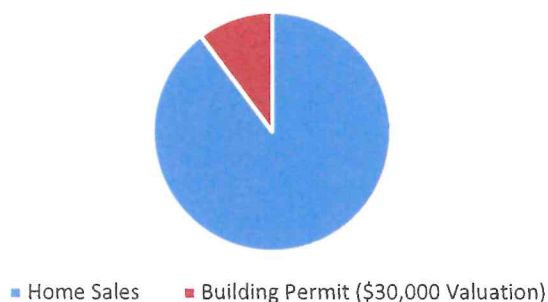
- CNG Fueling Station
 - Plant Slow Fill = 0% Up Time
 - Smith Ranch Fast Fill = 0% Up Time.
- Anderson Drive PG&E Fuel Station
 - 12 Trips to Anderson Drive Fueling Station
 - 172.80 miles driven for refueling (7.2 miles one way)

- Total Diesel Gallon Equivalent (DGE) = 386.84 DGE
- Average MPG = 2.63 MPG

Sewer Lateral Ordinance Inspections - Number of Applications Processed

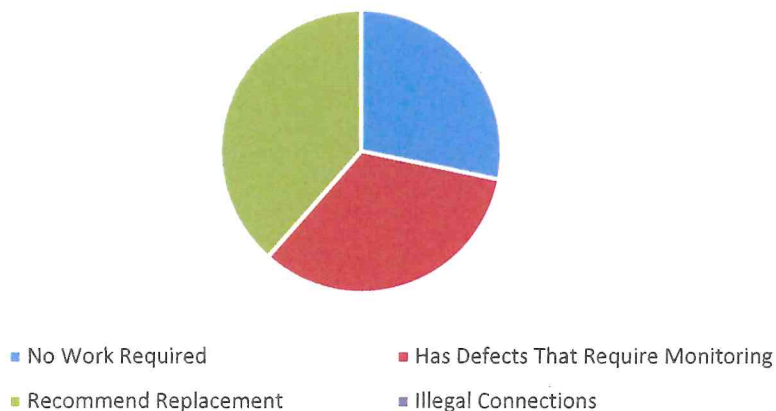
- Home Sale Applicants = 35 received
- Building Permit (\$30,000 valuation) Applicants = 4 received

Applications - Home Sale vs Building Permit (Triggers)



- Home Sale Letter of Findings Issued = 33; 15 - recommend replacement, 13 -have defects that require monitoring, 5 - no work or monitoring required, 0 – Illegal connection

Letter of Findings Issued





CRITICAL PROCESS

- Treatment plant effluent was discharged to the reclamation storage ponds during this reporting period.
- Staff assisted in the coordination of, and modified operations to accommodate 9 service outage requests (SOR) by the STPURWE General Contractor (GC).
- Three Bio-Wheel aeration trains were in operation July through September. Multiple drive chain link failures were observed by staff and replaced by the GC in this report period. Due to ongoing reliability and noise issues, the maximum rotational speed of the Bio-Wheels was reduced from 1 rpm to 0.7 rpm in August.

NON-CRITICAL PROCESS

- In July, Sahar Goshani, Elena Knutti and Chris Campbell staffed the public outreach booth at the Marin County Fair.
- In September, Sahar Golshani, LGVSD Environmental Services Supervisor, assisted the Sewerage Agency of Southern Marin staff with managing their lab functions and coordinating contract services following the departure of their lab supervisor.
- To reduce evaporation, and maintain beneficial levels in the wildlife pond, the contents of storage pond #2 was pumped into pond #1 and the wildlife pond.
- Staff participated in the first two meetings of the “Day Without SCADA” and Cyber Informed Engineering exercise and training effort.

PERFORMANCE METRICS

Sewage Treated

- 1.79 million gallons per day average daily influent flow for July through September.

Recycled Water Production

- 19.35 million gallons of recycled water was pumped to North Marin Water District
- 72.14 million gallons of recycled water was pumped to Marin Municipal Water District

LGVSD Recycled Water flows 2017 - 2021

Units are in millions of gallons

Year	Plant Influent	MMWD	NMWD	Pasture Irrigation	Sum All
2017	1130	226.2	50.0	63.6	1,470
2018	882	221.0	18.2	93.0	1,215
2019	1157	NA	49.0	80.6	1,287
2020	799	NA	33.1	89.6	922
2021	855	162.2	47.3	72.4	1,137

No RW produced for MMWD during RWF expansion in 2019 & 2020

Average all

mgal/yr	965	203.1	39.52	79.84	1,287
acre ft/year	2961	623	121	245.02	3,950

Reclamation

- Pond Levels Beginning of July – Pond #1 = 5.6' - Pond #2 = 4.9' ~ 58 % of Capacity
 Pond Levels at End of September – Pond #1 = 5.2' - Pond #2 = 0.0' ~ 29% of Capacity
 51 million gallons of stored effluent utilized for pasture irrigation

Solar Power Generation

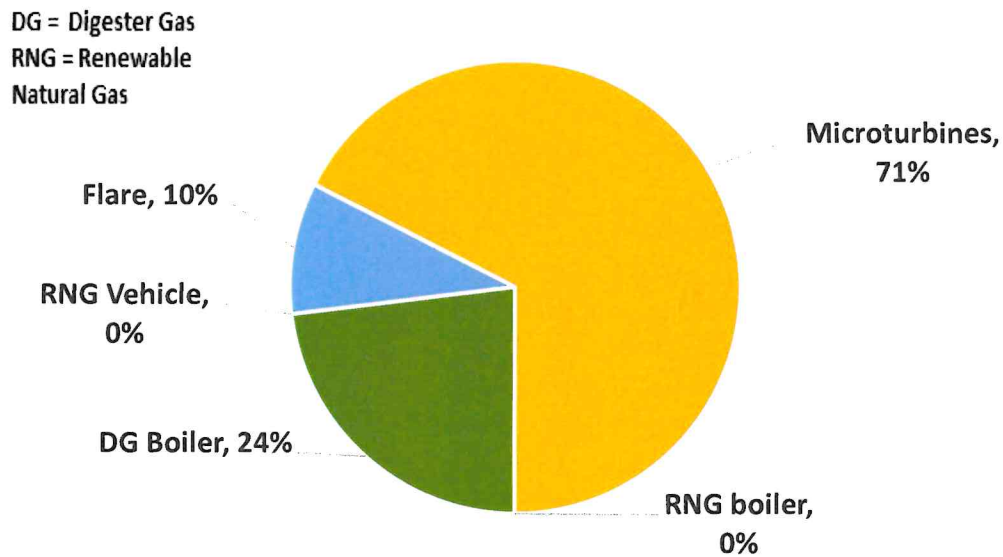
- 9,381 kWh offsetting approximately \$1,876 in PG&E/MCE electrical consumption costs using an average rate of \$0.20/kWh. Inverters A & B were shut down 12/2021 for safety.

Biosolids

- 1.5 million gallons of digested sludge was transferred from lagoons A&B and applied to the dedicated land disposal site.

Biogas Utilization

- Total Digester Gas Produced – 3,171,492 scf – Microturbines at 90% uptime producing a total of 84,220 kWh, offsetting approximately \$16,844 in PG&E/MCE electrical consumption costs using an average rate of \$0.20/kWh.



NPDES PERMIT COMPLIANCE

No self-monitoring violations were reported to the water board in this period. All monthly reports were submitted to their respective regulatory agencies in accordance with permit requirements. On average, laboratory staff perform 138 process control and 25 regulatory compliance analyses per week during the reclamation season, June through October.




Item Number 4

GM Review CP

Agenda Summary Report

To: Board of Directors

From: Dale McDonald, Administrative Services Manager 
(415) 526-1519 dmcDonald@lqvsd.org

Meeting Date: November 17, 2022

Re: Review of the Garbage and Refuse Rate Adjustment for 2023 and
Set Public Hearing for Ordinance No.190.

Item Type: Consent Action Information Other .

Standard Contract: Yes No (See attached) Not Applicable .

STAFF RECOMMENDATION

Set a public hearing for December 15, 2022 to allow for discussion and input from the public concerning the proposed rate increase and associated Ordinance No. 190. District residents and commercial customers will be notified through publishing a notice of the public hearing in the Marin Independent Journal and posting on the District's website.

BACKGROUND

This report details the 2023 rate adjustment proposal necessary for Marin Sanitary Service ("MSS") to provide refuse, recycling and organics/compost hauling and processing for customers ("rate payers") in the unincorporated areas of the Las Gallinas Valley Sanitary District ("District"). Rate payers include residential homeowners, apartment owners, commercial property owners, and other businesses and tenants. The proposed rate adjustment will increase rates by 6.17% over 2022 levels for all rate payers. It includes adjustments based on an agreed-upon rate setting methodology the District has with Marin Sanitary Service.

I. Franchise Agreement

The District has a franchise agreement with MSS for refuse collection and recycling services. The District entered into a Revised and Restated Exclusive Franchise Agreement to Collect, Transfer, Process, Market, and Dispose of Solid Waste, Recyclables, and Organic Materials (Agreement) on February 28, 2013. The original term of the Agreement was from February 28, 2013 through December 31, 2033. A provision for automatic annual extensions began at the end of calendar year 2014, allowing both parties to extend the agreement one calendar year unless 12 months written notice of either parties intent to terminate the annual extension was given. Both parties are satisfied with the franchise agreement. The term of the agreement is therefore extended through December 31, 2042.

The first amendment to the Franchise Agreement in 2019 substantially streamlined and simplified the annual rate adjustment methodology, setting rates based on set revenues due to



MSS, which are escalated annually based on one simple index: the Water, Sewer, and Trash Collection, U.S. city average, Bureau of Labor Statistics ID CUSROOOOSEHG (WST) index. The index has increased 4.42% over last year and averaged 3.71% increase annually over the last 10 years.

The District typically holds an initial review of the proposed rate increase each year and schedules a public hearing for December or January to set the maximum collection rates to be charged by MSS for that calendar year. Notice of the public hearing is published twice in the Marin Independent Journal. Information on the proposed rates that MSS will charge is available at the District’s office and on the District’s website for at least 10 days prior to the public hearing.

Several jurisdictions in Marin that have contracts with MSS and utilize a similar rate setting methodology have joined together as a Franchisors’ Group to share information and reduce costs: San Rafael, Larkspur, Ross, the Las Gallinas Valley Sanitary District, Fairfax, San Anselmo, and the County of Marin, including areas within the Ross Valley Sanitary District boundaries. Rate Year 2023 will be the third year that the Towns of Fairfax and San Anselmo are included in the rate setting application. The Franchisors’ Group meets several times per year to oversee MSS’s operations, to review MSS’s rate proposals, and to supervise the work of the consultant conducting the rate review. The results of the 2023 rate review are presented in the Proposed Rate Increase section of this report. The proposed rate adjustment of 6.17% is below the Marin Franchisor’s Group total rate adjustment of rate 6.33% and below MSS Service Area total rate adjustment of 6.23%. The rate adjustments proposed for the seven agencies within the Marin Franchisor’s Group as shown below in Table 1.

**Table 1
2023 Rate Increase By Agency**

City of San Rafael	6.68%
Town of Ross	6.28%
Las Gallinas Valley Sanitary District	6.17%
Town of San Anselmo	5.89%
County of Marin	5.76%
Larkspur	5.45%
Fairfax	5.06%

II. Environmental Initiatives and Goals

While perhaps the original purpose of refuse service had to do with public health and safety around sanitation, it is increasingly geared more toward making progress on waste reduction and climate change goals, which are also forms of public health and safety. The State of California has adopted several pieces of legislation mandating significant reductions of waste hauled to the landfill, recognizing the embedded environmental impacts and greenhouse gas emissions associated with them.

Compliance for SB 1383, the Short-Lived Climate Pollutants Reduction Act, requires organics waste reduction in the landfill. AB 1826 was passed in October 2014 and set requirements for all businesses and multi-family complexes that meet certain criteria to arrange for organics recycling.



SB 1383 was passed in September 2016 and took effect January 1, 2022, setting even more stringent requirements for these customers to divert organic waste from the landfill. Taken together, these two mandates represent the most significant change to the laws affecting the industry since AB 939 was passed in 1989. A second amendment to the Franchise Agreement was adopted on March 17, 2022 to address the implementation of SB 1383.

Cities, Towns, and the County of Marin formed the Zero Waste Marin Joint Powers Authority (JPA). It was previously known as the Marin County Hazardous and Solid Waste Management JPA. The JPA is the group charged with complying with the California Integrated Waste Management Act of 1989. The goal of the Act is to reduce the flow of materials to landfills. The JPA also has a local task force made up of representatives from industry, the environmental community and Marin's cities, towns, and special districts. The JPA is funded by tipping fees at Redwood Landfill. The District belongs to the Marin County Hazardous and Solid Waste JPA Local Task Force on Solid and Hazardous Waste. The JPA prepared a Zero Waste Feasibility Study in December 2009 which identified a goal of "achieving zero waste in the next five to 17 years." Zero Waste has been defined as 94% diversion, taking into account the need for producer responsibility and product stewardship, which is beyond local control.

In summary, the overall industry is moving from "bringing garbage to the landfill" to "resource hauling" including transport to recyclers and re-users to find the next highest and best use with the landfill being the last option. MSS has been a leader in this movement, as they have invested in facilities and technologies to divert materials from the landfill, including the construction of the Marin Resource Recovery Center, Marin Recycling Center, and investments in the Food-2-Energy (F2E) program with Central Marin Sanitation Agency.

III. Marin Sanitary Services and Programs

MSS provides residential, commercial, and multi-family refuse services. In addition, MSS provides trash and recycling pick-up for the District's facilities.

Residential service includes single-family units and three or fewer units in a single structure. The District's residential customers receive weekly trash, recycling, and organics/compost collection services. Residential customers also receive twice yearly residential curbside collections of up to 14 additional bags/cans of yard waste, recycling, and/or garbage; and twice yearly residential on-call collection of up to two large items each time.

Commercial service includes all businesses and residential apartment buildings with four or more units. Commercial customers receive separate trash and recycling containers as well as cardboard pickup, and may choose from a variety of carts, bins, and commercial compactors. In addition, customers are offered the choice of two commercial organics diversion programs. Customers with significant amounts of pre-consumer food waste may participate in the F2E program. Commercial customers with post-consumer food waste, food soiled papers, and yard waste may participate in the commercial composting program. All commercial services can be picked up from one to six times per week.

Multi-family buildings are classified as commercial customers since they are a business enterprise and operate differently than single family homes. They receive separate trash, recycling, and



organics containers depending on the area available for can storage. MSS works with apartment managers and tenants to develop 'green teams' to increase recycling and composting at their complexes.

Organics recycling services began in 2022 to meet SB 1383 compliance. MSS also provides compliance monitoring and inspection services, contamination monitoring, outreach and education, and reporting functions on behalf of the District.

In addition, MSS does the majority of the outreach for the District in compliance with the State's Mandatory Commercial Recycling and Mandatory Composting laws (AB 341 and AB 1826), which place requirements on businesses to recycle and compost, and also requires the District to provide for annual monitoring and notifications to non-compliant businesses. MSS has also assisted with an illegal dumping abatement program by responding to calls of illegal dumping along the roadways within the unincorporated portions of the District boundaries. As staff receives complaints of illegal dumping, they notify MSS for collection. MSS remains responsive to staff requests to resolve the complaints.

Proposed Rate Increase

Rate Review and Methodology

In accordance with the Agreement, MSS submitted an application for rate review, requesting an increase in service charges to be effective January 1, 2023 (Attachment A). The District retained R3 Consulting Group, Inc. ("R3") as an independent consultant on behalf of the Franchisors' group and the District, and R3 reviewed the rate application in accordance with the rate-setting methodology set forth in the Agreement. The full rate review and proposed adjustments are contained in the R3 Report (Attachment B).

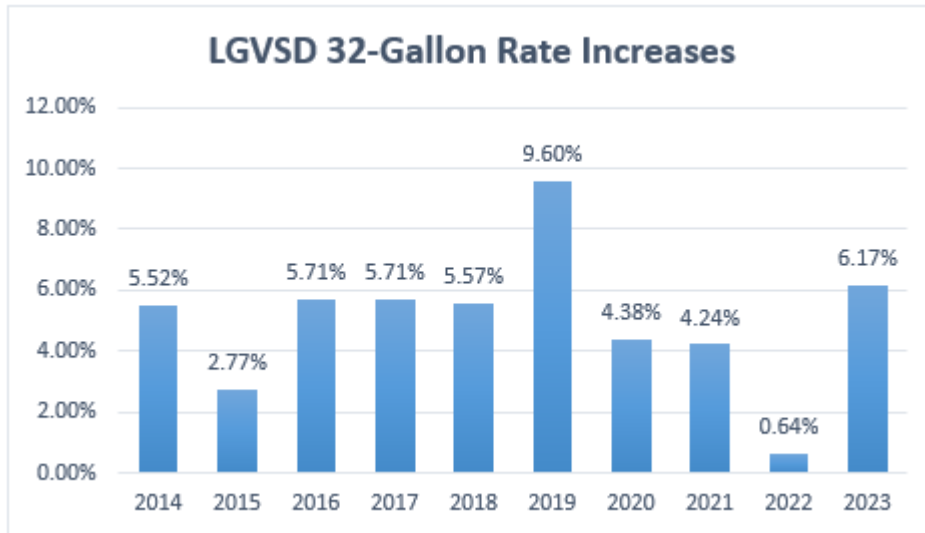
Each agencies' rate increase differs slightly from the overall rate increase as each agency is intrinsically different from one another; the type of services provided, the level of subscription, the ratio of residential to commercial and industrial customers, the terrain in which services are performed, disposal costs per capita, rate structures, and governmental fees.

Over the past ten years rate adjustments in our District have ranged from 0.64% to 9.60% with an average of 5.03%. Last year's adjustment was 0.64%.

Proposed Adjustment

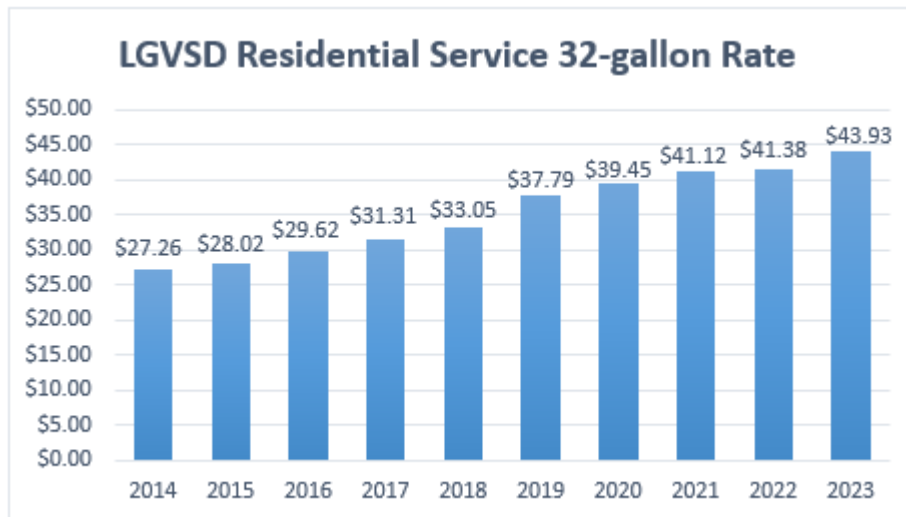
The recommended District proposed rate increase is 6.17%. This is above the historical average for year-over-year rate increases for the Las Gallinas Valley Sanitary District service area but reasonable when considering the annual rate revenue shortfall of \$1.1 million MSS incurred due to the continued economic effects of the pandemic as well as the significant property insurance premium increase that is factored into the rate adjustment.

R3 conducted a survey of comparable rates within the MSS franchise group and other non-MSS agencies within Marin as part of the rate review. It summarizes the survey data for residential 32-gallon cart weekly service with curbside recycling and organics pickup. Las Gallinas Valley Sanitary District rates is the lowest among the MSS franchise agencies and is lower than the average cost of \$52.86 for other non-MSS agencies.



Rate Payer Categories and Comparisons

Based on the above recommendation, the cost for bundled services based on a 32-gallon residential landfill cart would be increased approximately \$2.55 per month, from \$41.38 to \$43.93. Residential bundles service includes 1 landfill (garbage) cart, 1 organics cart, and 1 recycling cart. The cost of commercial service for a 3-yard landfill dumpster picked up once per week would be increased by approximately \$36.99 per month, from \$599.44 to \$636.43. Recycling is included in all accounts. Businesses with a vigorous recycling program can reduce their regular container size or pickup schedule resulting in lower rates.



MSS has a low-income rate assistance program for customers who meet the PG&E Care program eligibility requirements.

As in previous years, staff is recommending that the rate adjustment be applied across the board to all residential, multi-family and commercial service accounts. Actual rates proposed for all services are provided along with draft ordinance (Attachment C).



PREVIOUS BOARD ACTION

Ordinance 188 – Refuse rates for 2022 adopted December 16, 2021.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

The attachment to the Ordinance (marked Appendix B) contains the complete rate request. As shown, the 6.17% overall increase is applied to all customer types and service options. If approved, these rates are projected to satisfy the District’s contractual obligations to meet the MSS revenue requirement including franchise fees.

Attachments:

- Attachment A Marin Sanitary Service’s Combined 2023 Rate Application and Rate Sheet
- Attachment B Review of Marin Sanitary Service’s 2023 Rate Application by R3
- Attachment C Draft Ordinance Amending Chapter 1, An Ordinance Regulating Garbage, Rubbish, Waste Matter and Refuse, and the Collection, Removal and Disposal Thereof, of Title 4 of the District Code, including proposed Schedule of Rates.



August 31, 2022

Sent via e-mail

Mr. Cory Bytof
Sustainability Coordinator
City of San Rafael

Mr. Curtis Paxton
General Manager
Las Gallinas Valley Sanitary District

Ms. Berenice Davidson
Assistant Director
County of Marin

Ms. Heather Abrams
Town Manager
Town of Fairfax

Mr. Daniel Schwarz
City Manager
City of Larkspur

Mr. Dave Donery
Town Manager
Town of San Anselmo

Ms. Christa Johnson
Town Manager
Town of Ross

Mr. Garth Schultz
Principal
R3 Consulting Group

Subject: 2023 Combined Service Area Rate Application

Dear Ms. Davidson, Abrams, Johnson, and Messrs. Bytof, Paxton, Schwarz, Donery, and Schultz

Attached is Marin Sanitary Service's (MSS) rate calculation for rates to be effective January 1, 2023, in our combined service area. The 2023 Rate Application has been prepared in accordance with Exhibit B, Collector's Rate Revenue Requirement and Rate Adjustment methodology. This methodology was ratified by the Marin Franchisors' Group (MFG) during the 2019 Rate Application process. The same methodology was adopted by the Town of Fairfax and the Town of San Anselmo in 2019, during the 2020 Rate Application process.

Overview

Exhibit B specifies that the 2023 Rate Application is to be prepared utilizing the Indexed Rate Revenue Requirement methodology. This means that a majority of MSS's operating costs are adjusted by the change in the Consumer Price Index for Water and Sewer and Trash Collection, US city average, (referred to as the WST index). Other operating costs such as Garbage Landfilling, Organics Processing, Recyclable Materials Processing, Zero Waste Marin Fees, and Other Agency Fees are adjusted based upon projections or other methods to arrive at 2023 expenses. These adjusted expenses, plus Franchise Fees and Collector Profit, are totaled for the 2023 Rate Revenue Requirement.

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P.O. Box 10067, San Rafael, CA 94912 ■ (415) 456-2601 ■ Fax (415) 456-7595
www.marinsanitary.com



The 2023 Rate Revenue Requirement is calculated individually for each jurisdiction to account for varying Franchises Fees and Other Agency Fees. The 2023 Rate Revenue Requirement is then divided by the 2022 Rate Revenue Requirement to arrive at the 2023 Rate Adjustment Factor for each jurisdiction.

The rate-setting process in an Indexed Rate Year is relatively straight-forward and there are a limited number of supporting schedules. These schedules and related files will be provided to R3 Consulting Group, Inc. for their review. While the process this year streamlined, there are three significant issues that led us to request additional rate increase amounts. These are discussed below.

SB1383-Short-Lived Climate Pollutants Reduction Act- Organics waste reduction in the landfill

AB 1826 was passed in October 2014 and set requirements for all businesses and multi-family complexes that meet certain criteria to arrange for organics recycling. SB 1383 was passed in September 2016 and expands upon the requirements of AB 1826. Taken together, these two mandates represent the most significant change to the laws affecting our industry since AB 939 was passed in 1989.

We have implemented the changes due to SB 1383 as directed in our franchise agreement amendments from last year. This includes the purchase of new processing equipment that will allow us to expand our Food2Energy program ensuring sufficient capacity for the increase organics we will be collecting. We have also expanded our organics routes including the creation of a new route in 2021. In 2022 we hired an additional outreach specialist to help with SB 1383 compliance for the residents, multi-family properties, and businesses in our service area.

This year, we do not anticipate any additional increases in cost to fulfill our obligations with SB 1383. However, it remains that the changes are incremental and will occur over the next several years, during which time our pool of operating costs subject to the WST indexing may not compensate our cost increases related to these changes (in law).

Annual Rate Revenue Reconciliation-2021

As noted in our May 2022 update meeting, our actual annual billings compared to the 2021 rate revenue requirement had a shortfall of \$1.1 million resulting from the continued economic effects of the pandemic on the communities we serve.

Property Insurance

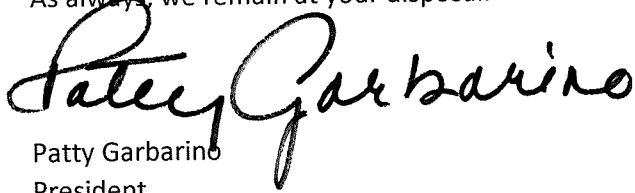
As noted in the last years Rate Application, our long-time property insurance carrier, Affiliated FM, non-renewed their entire book of Waste Hauling business throughout the country. This was due to some very large claims they had at waste facilities in other parts of the country. In addition, the wildfires in California over the last few years have put added pressure on the property insurance marketplace.

The end result is that the annual premium for our combined facilities increased from about \$80,000 to almost \$535,000. The extraordinary request we have included relates specifically to the increase at MRRRA, the company that processes the recyclables collected within our franchise agreements. We have explored the option of self-insurance and found that it is not available for property insurance.

Conclusion

We look forward to working closely with the R3 Consulting Group personnel during the review process and will supply them with all necessary financial documentation. Once the review is completed, we look forward to meeting with you to discuss the rate review report.

As always, we remain at your disposal.



Patty Garbarino
President

Cc: Jason Raleigh, Marin Sanitary Service
Justin Wilcock, Marin Sanitary Service
Dale McDonald, Las Gallinas Valley Sanitary District
Cristine Alilovich, City of San Rafael
Casey Poldino, County of Marin
Sean Youra, Town of Fairfax

**Marin Sanitary Service
Combined Service Area Rate Application**

**COLLECTOR'S RATE REVENUE REQUIREMENT AND RATE ADJUSTMENT
INDEXED YEAR - RATE YEAR 2023**

	MSS Service Area Total	Marin Franchisor's Group Total	San Rafael	Larkspur	County	San Anselmo	LGVSD	Fairfax	Ross
Collector Operations	31,869,387	27,359,434	17,380,581	4,368,564	2,716,272	3,030,616	2,324,968	1,479,337	569,049
Garbage Landfilling and Organics Processing	5,371,221	4,392,254	2,790,260	701,324	436,067	616,680	373,248	362,287	91,355
Change in Law - AB 1826 Costs	15,390	13,212	8,393	2,110	1,312	1,464	1,123	714	275
Change in Law - SB 1383 Costs	387,765	332,281	209,174	54,830	36,416	36,821	25,102	18,663	6,759
Subtotal for Profit Calculation	37,643,763	32,097,181	20,388,408	5,126,827	3,190,067	3,685,580	2,724,441	1,861,002	667,438
Collector Profit (90.5% Operating Ratio)	3,951,555	3,369,317	2,140,220	538,175	334,869	386,884	285,991	195,354	70,063
Recyclable Materials Processing	359,855	298,153	189,407	47,607	29,601	39,874	25,337	21,828	6,201
Interest	688,071	622,188	395,256	99,347	61,771	42,339	52,873	23,544	12,941
Zero Waste Marin Fees	708,161	597,243	379,410	95,364	59,295	70,448	50,753	40,469	12,422
Franchise Fees	5,436,355	4,655,267	2,779,708	720,703	865,337	533,829	165,553	247,259	123,966
Other Agency Fees	2,470,661	2,309,161	1,480,601	568,400	260,160	84,000	-	77,500	-
Annual Rate Revenue Reconciliation	1,099,900	965,461	613,327	154,158	95,852	110,848	82,044	23,590	20,081
Extraordinary Item - Recycling Property Insurance	128,603	106,552	67,689	17,013	10,579	14,250	9,055	7,801	2,216
R3 Consulting Group - SB 1383 Engagement	(44,380)	(37,997)	(23,617)	(6,405)	(4,250)	(4,212)	(2,935)	(2,171)	(789)
Total 2023 Rate Revenue Requirement	52,442,545	44,982,526	28,410,409	7,361,189	4,903,281	4,963,841	3,393,112	2,496,176	914,538
Total 2022 Rate Revenue Requirement	49,367,017	42,303,249	26,630,288	6,980,476	4,636,192	4,687,708	3,195,816	2,376,062	860,473
2023 Rate Revenue Adjustment	6.23%	6.33%	6.68%	5.45%	5.76%	5.89%	6.17%	5.06%	6.28%

FINAL REPORT
Las Gallinas Valley Sanitary District

**Review of Marin Sanitary Services'
2023 Rate Application**

submitted electronically: November 5, 2022

November 5, 2022

Dale McDonald
Administrative Services Manager
Las Gallinas Valley Sanitary District
101 Lucas Valley Road, Suite 300
San Rafael, CA 94903

submitted via email: dmcdonald@lgvsd.org

SUBJECT: Final Report – Review of Marin Sanitary Service’s 2023 Rate Application

Dear Mr. McDonald,

R3 Consulting Group, Inc. (R3) is pleased to submit this report detailing the results of our review of Marin Sanitary Service’s (MSS’s) 2023 rate application for the Las Gallinas Valley Sanitary District (LGVSD).

This review was conducted pursuant to R3’s engagement with the seven agencies (Agencies) served by MSS, including the City of San Rafael, City of Larkspur, County of Marin, Las Gallinas Valley Sanitary District, Town of Ross, Town of Fairfax, and the Town of San Anselmo.

This report summarizes results from our review of MSS’s 2023 indexed rate application per the streamlined rate setting methodology established in 2019. The methodology is described in the amended Exhibit B to the Franchise Agreement that the District holds with MSS.

* * * * *

We appreciate the opportunity to be of service to the District. Should you have any questions regarding this report or need any additional information, please do not hesitate to reach out directly.

Sincerely,



Jim Howison | Sr. Managing Consultant
R3 Consulting Group, Inc.
925.768.7244 | jhowison@r3cgi.com

1. FINDINGS

Executive Summary

On August 31, 2022, MSS submitted its application for an increase to its solid waste rates, to be effective January 1, 2023. This is an indexed year rate adjustment, which primarily projects compensation due to MSS based on the applicable water-sewer-trash CPI Index (WST). Per Exhibit B, the rate adjustment is subject to a 2.5% minimum and a 5% maximum rate cap for MSS' operations. Based on our review of the rate application, R3 concurs with MSS's calculated 2023 rate revenue requirement of \$3,393,112, which is \$197,296 higher than the 2022 rate revenue requirement of \$3,195,816, inclusive of projected MSS rate revenues needed to implement SB 1383. The corresponding adjustment to the District's solid waste rates for 2023 is 6.17%, based on a January 1, 2023 effective date.

Table 1: 2023 Rate Adjustment Summary

	2021	2023	Dollar Change	Percentage Change	Adjustment to Rates
Collector Operations	2,226,457	2,324,968	98,511	4.42%	3.08%
Garbage Landfilling and Organics Processing	358,145	373,248	15,103	4.22%	0.47%
State Compliance Database Subscription	1,029	1,123	94	9.09%	0.00%
SB 1383 Compliance	25,404	25,102	(301)	-1.19%	-0.01%
Profit Calculation	274,087	285,991	11,904	4.34%	0.37%
Recyclable Materials Processing	40,861	25,337	(15,524)	-37.99%	-0.49%
Interest	50,632	52,873	2,241	4.43%	0.07%
Zero Waste Marin Fees	50,123	50,753	630	1.26%	0.02%
Franchise Fees	159,791	165,553	5,762	3.61%	0.18%
Annual Rate Revenue Reconciliation		82,044	82,044	100.00%	2.57%
Recycling Property Insurance	6,352	9,055	2,703	42.55%	0.08%
SB 1383 Negotiations and Implementation Support	2,935	(2,935)	(5,870)	-200.00%	-0.18%
Total Annual Rate Revenue Requirement	3,195,816	3,393,112	197,296	6.17%	6.17%

2023 Rate Adjustment Details

Collector Operations

Collector Operations compensates MSS for labor, benefits, general and administrative, depreciation and lease, maintenance, fuel and oil. Per Exhibit B, compensation for Collector Operations is adjusted using

the CPI index for Water and Sewer and Trash Collection. R3 used publicly available Bureau of Labor Statistics data to verify the calculated increase of 4.42% to Collector Operations. The result is \$2,324,968 in Collector Operations for the District in 2023, which is an increase of \$98,511 compared to 2022.

Garbage and Organics Tipping Fees

Garbage Landfilling and Organics Processing tipping fee projections are calculated using actual tonnages collected from January 1 through June 30, 2022, which are then annualized to project total 2022 tonnages. Those tonnages are then multiplied by the projected 2022 tipping fees calculated in accordance with Exhibit B. This is based on the actual per ton tipping fees for each waste stream category, or if unavailable, projected tipping fees are calculated using the current year per ton tipping fees escalated by the change in WST— subject to a minimum increase of 2.5% and a maximum increase of 5.0%.

R3 reviewed MSS's projected 2022 tons and the 2023 per ton tipping fees for residential garbage, residential green waste/organics, commercial garbage, commercial mixed waste for processing, commercial food scraps, and MSS-served Agencies' waste delivered to MSS. Per Exhibit B, R3 confirmed that MSS materially correctly projected tons by category using annualized actual tons for the first six months of the current rate year and, as actual tipping fees are unavailable, applied the 4.42% WST adjustment to project 2023 per ton tip fees. The result is \$373,248 in Garbage and Organics Tipping fees for the District in 2023, which is an increase of \$15,103 compared to 2022.

Database Subscription for Compliance with State Law

The rate setting methodology allows for the recovery of additional revenues associated with costs for changes in law and/or new State mandates. For increased operating expenses due to State Laws, including AB 1826 and SB 1383, MSS has included in its rate application a line item for a compliance database. This item was added and approved in MSS's 2020 and 2021 Rate Adjustment applications for MSS's subscription to Recyclist, which is a valuable reporting tool related to compliance with State Law. MSS expects this line item will continue to be present in future rate applications. The result is an increase of \$94 in Database Subscription for the District in 2023, for a total cost of \$1,123 in 2023 compared to \$1,029 in 2022.

Compliance with SB 1383

MSS is requesting continued revenue in association with SB 1383 with the goal of increasing compliance with the State of California's organics state mandate(s). The company will continue to provide compliance monitoring and inspection services, contamination monitoring, outreach and education, and reporting functions on behalf of the District. The total 2023 revenue recovery for these new SB 1383 compliance measures for MSS is \$25,102 or a decrease of \$301.

Profit Calculation

R3 reviewed the calculation of MSS's profit, which is a function of total allowable operating expenses (\$2,724,441 for the District) divided by the contractually set operating ratio of 90.5% and subtracting the same sum, rounded to the nearest dollar. MSS's actual profit achievement will vary depending on the company's real revenues and expenses; as such, profit is not guaranteed. The result is \$285,991 in Calculated Profit for the District in 2023, which is an increase of \$11,904 compared to 2022. The increase is due to a net increase in allowable operating expenses, which were described in the previous sections of this report.

Recyclable Materials Processing

A net recyclable materials processing cost is calculated each year to share the risks and rewards of changing recycling markets between rate payers and MSS. Per Exhibit B, the Recyclable Materials Processing cost is escalated by the annual change in the WST and that amount is then divided by the number of all tons of recyclable materials processed at Marin Recycling Center from July 1 of the prior rate year through June 30 of the current rate year.

The recyclable materials revenue amount is calculated based on 90% of the total revenue received by the Marin Recycling Center for recyclable materials, which is then divided by the number recyclable material tons processed at Marin Recycling Center. The calculation does not include income or tons from recyclable materials processed for third parties or agencies that were not customers of MSS or the Marin Recycling Center as of December 31, 2018. For Rate Year 2023, the resulting Net Recyclable Materials Processing Cost Per Ton is \$18.72, a decrease of \$10.87 from the 2022 value of \$29.59. This reduction is due to increases in the value of recyclable commodities sold by MSS. The result is \$25,337 in Recyclable Materials Processing costs for the District in 2023, which is a decrease of \$15,524 compared to 2022.

Interest

Interest is based on MSS's actual interest from its loan amortization schedules for actual and projected capital expenditures for services under the Agreement as of the last base year review in 2019. This is increased in the same manner as Collector Operations, as described above, via WST annually. The result is \$52,873 in interest for the District in 2023, which is an increase of \$2,241 compared to 2022.

Zero Waste Marin Fees

Zero Waste Marin Fees are set as a pass through as government fees and, per Exhibit B to the agreements, changes in such fees result in appropriate adjustments to rates to compensate MSS for increases or decreases in such fees. Zero Waste Marin fees included in the annual indexed rate applications for the MSS service area are set to be equal to the current Zero Waste Marin Fee assessments for the current fiscal year, with 100% of the MSS hauler fees passed through to the MSS Agencies, and with none of the MSS Transfer Station fees passed through to the MSS Agencies. The result is \$50,753 in Zero Waste Marin Fees for the District in 2023, which is an increase of \$630 to 2022.

Franchise Fees

Franchise Fees are calculated by multiplying the applicable franchise fee percentage by each agency served by MSS by the revenues projected for each that Rate Year. The District's Franchise Fee is 5% of gross revenues. The result is \$165,553 in Franchise Fees for the District in 2023, which is an increase of \$5,762 compared to 2022, and is due to an overall increase in the rate revenue requirement.

Annual Rate Revenue Reconciliation

The Rate Revenue Reconciliation item is to reconcile the projected rate revenue from the 2021 rate adjustment to the actual revenue collected through rates charged during the 2021 rate year. Due to the impacts of the COVID-19 pandemic, MSS experienced a shortfall of \$82,044 in 2021 billed revenues in the District compared to the 2021 revenue requirement. That amount is therefore included in the 2023 revenue requirement.

Recycling Property Insurance

Property insurance for recycling processing facilities have gone up across the country for circumstances outside of MSS's control. MSS has previously and separately briefed the Agencies on this item, and R3 is aware of the market circumstances surrounding it. R3 finds that this extraordinary item is supported and reasonable. The result is \$9,055 in Recycling Property Insurance for the District in 2023, which is an increase of \$2,703 compared to 2022.

Funding for SB 1383 Contract Negotiations and Implementation

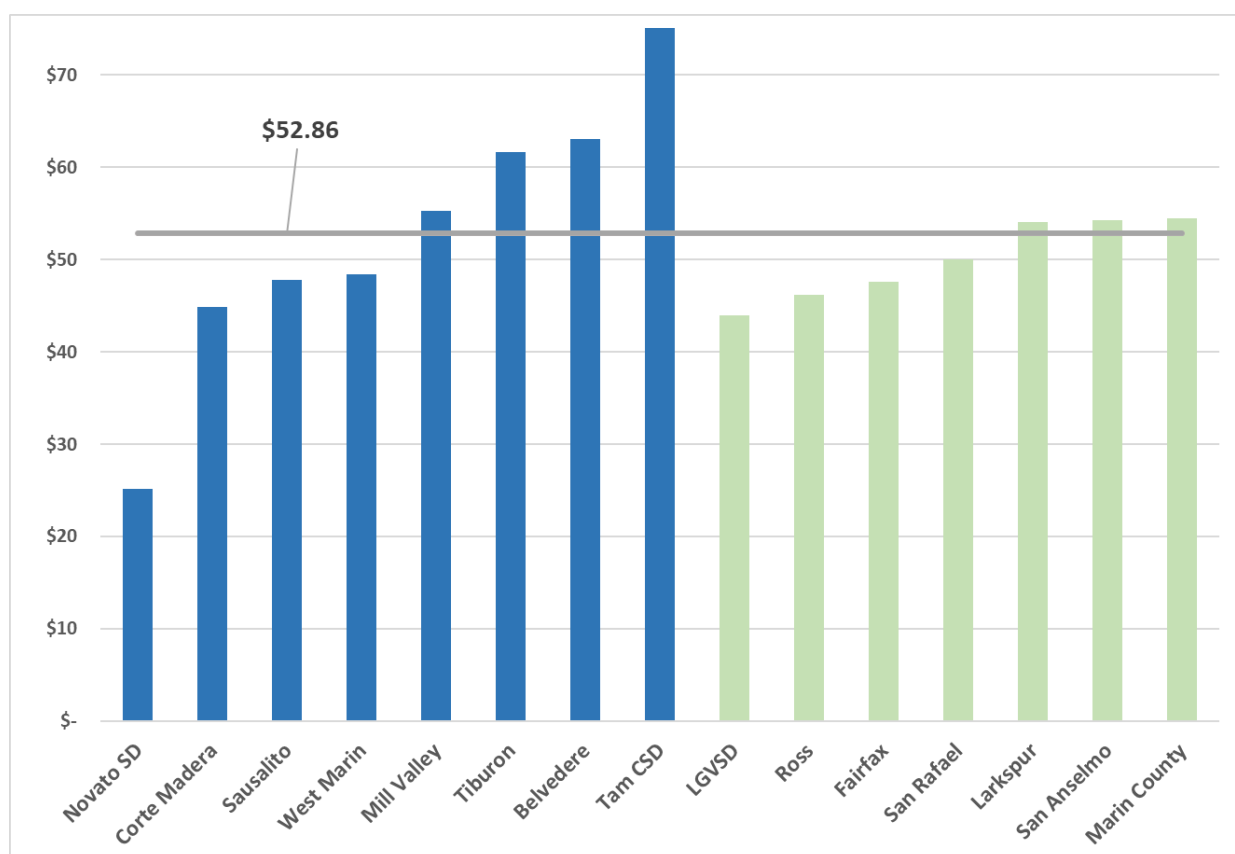
The MSS served Agencies have contracted with R3 to provide support for negotiation of an amendment to the MSS franchise agreements with the Agencies, effectuating the new services, terms and conditions for SB 1383 compliance. That contract also includes a contingency for support to the Agencies in implementing SB 1383 in 2022. R3's expenses for that work were budgeted at \$44,380 but then determined that services were not needed.

For 2023 the total \$44,380 in budgeted costs were deducted from the rate application as services were deemed unnecessary, providing a full refund to the rate payers. The District's portion of the refund totaled \$2,935 and is represented in the 2023 rate request.

Survey of Comparable Rates

Figure 1 illustrates R3's survey of solid waste rates as of October 2022 for agencies located throughout the Marin County. These survey results are presented as an indication of the reasonableness of the resulting rates for 2023. For comparison purposes, agencies serviced by Marin Sanitary Services (MSS) are designated in green and represent the proposed pricing for 32-gallon cart, including the current rate increase. Other, non-MSS service agencies are designated in blue and are current pricing, though price increases are expected for 2023 as well. The average cost for the 30–35-gallon cart for non-MSS service agencies is represented by the grey line is \$52.86. For the residents of the LGVSD, the 32-gallon cart is projected to cost \$43.93 per month.

Figure 1: Comparison of MSS's 2023 Rates to Other Marin County Agencies



The District's's commercial rates for a 3-cubic yard bin serviced one time per week will be \$636.43 compared to \$599.42 the previous year.

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

ORDINANCE NO. 190

**AN ORDINANCE AMENDING CHAPTER 1, AN ORDINANCE REGULATING SOLID
WASTE, RECYCLABLE AND ORGANIC MATERIALS, AND THE COLLECTION,
REMOVAL AND DISPOSAL THEREOF, TITLE 4 – GARBAGE SERVICE, AS
AMENDED, OF THE ORDINANCE CODE OF THE LAS GALLINAS VALLEY
SANITARY DISTRICT.**

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

Appendix A of Title 4, Chapter 1 of the Las Gallinas Valley Sanitary District Ordinance Code is amended to read as follows:

DRAFT

**LAS GALLINAS VALLEY SANITARY DISTRICT
EXHIBIT C - SCHEDULE OF RATES**

RESIDENTIAL REFUSE COLLECTION RATES

Rate increase: 6.17%
Effective date: 01/01/2023

<i>Residential Service (Bundled service includes 1 landfill (garbage) cart, 1 organics cart, & 1 recycling split cart)</i>			
REOCCURRING CHARGES	Weekly Service Rates (Billed Quarterly)	2022 Flat rate	
		Monthly Rate	Quarterly Rate
	20 gallon cart	\$37.35	\$112.05
	32 gallon cart	\$43.93	\$131.79
	64 gallon cart	\$87.86	\$263.58
	96 gallon cart	\$131.79	\$395.37
	Low income - 20 gal* cart	\$29.88	\$89.64
	Low income - 32 gal* cart	\$35.14	\$105.42
	Low income - 64 gal* cart	\$70.29	\$210.87
	Low income - 96 gal* cart	\$105.43	\$316.29
	Additional Organics Cart Rental (35 or 64 gallon cart)	\$2.59	\$7.77
	Additional Split Cart Rental (64 or 96 gallon cart)	\$2.59	\$7.77
	Additional Monthly Charges	Monthly Fee	Quarterly Fee
		(per cart, each way)	
	Distance 5' - 50'	\$6.03	\$18.09
Distance Over 50'	\$7.76	\$23.28	

*Must meet PG&E CARE program eligibility requirements.

NOTE: We may not be able to accommodate any collection requests NOT at the curb due to a variety of factors including safety, accessibility, and efficiency. Requests to be assessed and approved by Route Manager.

ONE TIME SERVICE FEES	Additional Service Fees per Occurrence	Fee
	Return Fees - Off day	\$25.00
	Return Fees - Same day	\$10.00
	Resume Service/Late Fee	\$35.00
	Contamination (cart) any size cart	\$30.00
	Overload/Overweight (cart)	\$25.00
	Extra bag garbage	\$15.00
	Extra bag yard waste	\$10.00
	Steam Clean (cart)	\$15.00
	Special Collection	\$35.00
	Special Handling (Bulky items)	\$30.00
	Bulky item fees per item	Fees Vary
	Cart Strap Set-up Admin Fee	\$25.00
	20 Gal Cart Replacement Fee	\$55.00
	32 Gal Cart Replacement Fee	\$60.00
64 Gal Cart Replacement Fee	\$65.00	
96 Gal Cart Replacement Fee	\$75.00	
64 Gal Split Cart Replacement Fee	\$90.00	
96 Gal Split Cart Replacement Fee	\$100.00	

**LAS GALLINAS VALLEY SANITARY DISTRICT
EXHIBIT C - SCHEDULE OF RATES**

COMMERCIAL REFUSE COLLECTION RATES

Rate increase: 6.17%
Effective date: 01/01/2023

RECURRING CHARGES	COMMERCIAL CARTS, BINS, ROLL-OFFS	Collections per Week						Additional One Time Empty
	Garbage	1	2	3	4	5	6	
20 gallon cart*	\$38.20	\$76.40	\$114.60	\$152.80	\$191.00	\$229.20	\$8.82	
32 gallon cart	\$44.93	\$89.86	\$134.79	\$179.72	\$224.65	\$269.58	\$10.37	
64 gallon cart	\$89.86	\$179.72	\$269.58	\$359.44	\$449.30	\$539.16	\$20.74	
96 gallon cart	\$134.79	\$269.58	\$404.37	\$539.16	\$673.95	\$808.74	\$31.11	
1 yard bin	\$314.53	\$629.83	\$944.37	\$1,258.90	\$1,574.12	\$1,888.58	\$72.58	
2 yard bin	\$475.48	\$918.08	\$1,360.35	\$1,802.55	\$2,245.16	\$2,687.38	\$109.73	
3 yard bin	\$636.43	\$1,206.32	\$1,776.30	\$2,346.21	\$2,916.17	\$3,486.15	\$146.87	
4 yard bin	\$840.30	\$1,647.28	\$2,454.44	\$3,261.34	\$4,068.35	\$4,875.61	\$193.92	
5 yard bin	\$1,044.19	\$2,088.26	\$3,132.59	\$4,176.49	\$5,220.55	\$6,265.12	\$240.97	
6 yard bin	\$1,209.21	\$2,292.03	\$3,374.97	\$4,457.79	\$5,540.74	\$6,623.68	\$279.05	
10 yard roll-off	\$1,921.15	\$3,642.95	\$5,364.35	\$7,085.92	\$8,807.85	\$10,529.36	\$443.34	
18 yard roll-off	\$3,152.83	\$5,907.93	\$8,662.93	\$11,418.08	\$14,173.39	\$16,928.40	\$727.58	
20 yard roll-off	\$3,842.29	\$7,285.88	\$10,728.69	\$14,171.85	\$17,615.69	\$21,058.71	\$886.68	
25 yard roll-off	\$4,802.88	\$9,107.37	\$13,410.86	\$17,714.81	\$22,019.62	\$26,323.40	\$1,108.36	
	Organics (F2E or Compost)	1	2	3	4	5	6	Additional One Time Empty
32 gallon	\$21.22	\$42.44	\$63.66	\$84.88	\$106.10	\$127.32	\$4.90	
64 gallon	\$42.44	\$84.88	\$127.32	\$169.76	\$212.20	\$254.64	\$9.79	
1 yard	\$148.50	\$297.00	\$445.50	\$594.00	\$742.50	\$891.00	\$34.27	
2 yard	\$297.00	\$594.00	\$891.00	\$1,188.00	\$1,485.00	\$1,782.00	\$68.54	
3 yard	\$445.50	\$891.00	\$1,336.50	\$1,782.00	\$2,227.50	\$2,673.00	\$102.81	
10 yard roll-off	\$1,344.81	\$2,689.62	\$4,034.43	\$5,379.24	\$6,724.05	\$8,068.86	\$310.34	
18 yard roll-off	\$2,420.66	\$4,841.32	\$7,261.98	\$9,682.64	\$12,103.30	\$14,523.96	\$558.61	
20 yard roll-off	\$2,689.62	\$5,379.24	\$8,068.86	\$10,758.48	\$13,448.10	\$16,137.72	\$620.68	
25 yard roll-off	\$3,362.03	\$6,724.06	\$10,086.09	\$13,448.12	\$16,810.15	\$20,172.18	\$775.85	
Garbage Compactors (Per empty)								
Roll-off Compactor Tipping fee per ton		\$152.47			Roll-off Compactor Hauling charge		\$309.69	
Stationary FL (Per Compacted Yard)		\$129.15			Roll-off Compactor Special handling		Rates Vary	
Other Charges	Service	Fee	Details					
	Lock	\$25.00	Monthly fee					
	Box rental	Fees Vary	Minimum Bimonthly fee					
	Distance < 50ft	\$6.03	Monthly fee per cart, each way					
	Distance > 50ft	\$7.74	Monthly fee per cart, each way					

* Customers must have a sufficient level of service for the volume of material generated. Requests for 20gal carts require assessment and approval of a Route Manager.

NOTE: All container types and sizes may not be available at all locations depending on a variety of factors including safety, accessibility, and efficiency. Requests to be assessed and approved by Route Manager.

ONE TIME SERVICE FEES	Commercial Service Fees	Fee
	Return Fee - BIN	\$75.00
Return Fee - CART -same day	\$10.00	
Return Fee - CART -off day	\$25.00	
Late Fee/Resume Service Fee	\$35.00	
Contamination (BIN)	\$50.00	
Contamination (CART)	\$30.00	
Overload/Compaction (BIN)	\$60.00	
Overload/Compaction (CART)	\$25.00	
Extra Bag Garbage	\$15.00	
Additional Empty BIN	Fees vary	
Extra Bag Yard Waste	\$15.00	
Steam Clean (1-6 yard BIN)	\$95.00	
Steam Clean (CART)	\$15.00	
Steam Clean (COMPACTOR/ROLL-OFF)	\$225.00	
Lock Set-up Admin Fee	\$25.00	
Lock Single Use Fee	\$5.00	
Lock Purchase Fee	\$20.00	
Lock Bar Bin Set-up Fee	\$75.00	
Overweight Charge Per Ton*	\$205.00	
20 Gal Cart Replacement Fee	\$55.00	
32 Gal Cart Replacement Fee	\$60.00	
64 Gal Cart Replacement Fee	\$65.00	
96 Gal Cart Replacement Fee	\$75.00	
64 Gal Split Cart Replacement Fee	\$90.00	
96 Gal Split Cart Replacement Fee	\$100.00	
Bin Repair/Replacement Fee**	Fees vary	

*Boxes exceeding 300lbs/yard

**Fees vary by size up to \$1,200, not to exceed current replacement value.

**LAS GALLINAS VALLEY SANITARY DISTRICT
EXHIBIT C - SCHEDULE OF RATES**

MULTI-FAMILY DWELLING REFUSE COLLECTION RATES

Rate increase: 6.17%
Effective date: 01/01/2023

	MFD CARTS, BINS, ROLL-OFFS		Collections per Week				Additional One Time Empty
	1	2	3	4	5	6	
Garbage							
20 gallon cart*	\$37.34	\$74.68	\$112.02	\$149.36	\$186.70	\$224.04	\$8.62
32 gallon cart	\$43.93	\$87.86	\$131.79	\$175.72	\$219.65	\$263.58	\$10.14
64 gallon cart	\$87.86	\$175.72	\$263.58	\$351.44	\$439.30	\$527.16	\$20.28
96 gallon cart	\$131.79	\$263.58	\$395.37	\$527.16	\$658.95	\$790.74	\$30.41
1 yard bin	\$290.50	\$503.29	\$716.01	\$928.79	\$1,141.57	\$1,354.38	\$67.04
2 yard bin	\$475.48	\$918.08	\$1,360.35	\$1,802.55	\$2,245.16	\$2,687.38	\$109.73
3 yard bin	\$636.43	\$1,206.32	\$1,776.30	\$2,346.21	\$2,916.10	\$3,485.99	\$146.87
4 yard bin	\$840.30	\$1,647.28	\$2,454.44	\$3,261.34	\$4,068.35	\$4,875.61	\$193.92
5 yard bin	\$1,044.19	\$2,088.26	\$3,132.59	\$4,176.49	\$5,220.55	\$6,265.12	\$240.97
6 yard bin	\$1,209.21	\$2,292.03	\$3,374.97	\$4,457.79	\$5,540.74	\$6,623.68	\$279.05
10 yard roll-off	\$1,921.15	\$3,642.95	\$5,364.35	\$7,085.92	\$8,807.85	\$10,529.36	\$443.34
18 yard roll-off	\$3,152.83	\$5,907.93	\$8,662.93	\$11,418.08	\$14,173.39	\$16,928.40	\$727.58
20 yard roll-off	\$3,842.29	\$7,285.88	\$10,728.69	\$14,171.85	\$17,615.69	\$21,058.71	\$886.68
25 yard roll-off	\$4,802.88	\$9,107.37	\$13,410.86	\$17,714.81	\$22,019.62	\$26,323.40	\$1,108.36
Organics							
Additional Organics Cart Rental (35 gallon cart) after 4 TOTAL carts per cart per month	\$2.59	\$5.18	\$7.77	\$10.36	\$12.95	\$15.54	NA
Additional Organics Cart Rental (64 gallon cart) after 4 TOTAL carts per cart per month.	\$2.59	\$5.18	\$7.77	\$10.36	\$12.95	\$15.54	NA
1 yard	\$148.50	\$297.00	\$445.50	\$594.00	\$742.50	\$891.00	\$34.27
2 yard	\$297.00	\$594.00	\$891.00	\$1,188.00	\$1,485.00	\$1,782.00	\$68.54
3 yard	\$445.50	\$891.00	\$1,336.50	\$1,782.00	\$2,227.50	\$2,673.00	\$102.81
Garbage Compactors (Per empty)							
Roll-off Compactor Tipping fee per ton	\$152.47			Roll-off Compactor Hauling charge			\$309.69
Stationary FL (Per Compacted Yard)	\$129.15			Roll-off Compactor Special handling			Rates Vary
Other Charges	Service	Fee		Details			
	Lock	\$25.00		Monthly fee			
	Box rental	Fees Vary		Minimum Bimonthly fee			
	Distance < 50ft	\$6.03		Monthly fee per cart, each way			
	Distance > 50ft	\$7.74		Monthly fee per cart, each way			

NOTE: Minimum service level is 32 gallons per unit or equivalent volume. Decrease to 20 gallon per unit is subject to company review and approval.
NOTE: Up to four (4) Organics carts provided at no additional charge. Additional carts may be rented for a nominal monthly fee.
NOTE: All container types and sizes may not be available depending on a variety of factors including safety, accessibility, and efficiency. Requests to be assessed and approved by Route Manager.

	MFD One Time Service Fees	Fee
	Return Fee - BIN	
Return Fee - CART -same day		\$10.00
Return Fee - CART -off day		\$25.00
Late Fee/Resume Service Fee		\$35.00
Contamination (BIN) Per Yard		\$50.00
Contamination (CART)		\$30.00
Overload/Compaction (BIN)		\$60.00
Overload/Compaction (CART)		\$25.00
Additional Empty Bag		\$15.00
Extra Bag Yard Waste		\$10.00
Additional Empty Garbage		Fees vary
Steam Clean (BIN)		\$95.00
Steam Clean (CART)		\$15.00
Steam Clean (COMPACTOR/ROLL-OFF)		\$225.00
Lock Set-up Admin Fee		\$25.00
Lock Single Use Fee		\$5.00
Lock Purchase Fee		\$20.00
Lock Bar Bin Set-up Fee		\$75.00
Overweight Charge Per Ton*		\$205.00
20 Gal Cart Replacement Fee		\$55.00
32 Gal Cart Replacement Fee		\$60.00
64 Gal Cart Replacement Fee		\$65.00
96 Gal Cart Replacement Fee		\$75.00
64 Gal Split Cart Replacement Fee		\$90.00
96 Gal Split Cart Replacement Fee		\$100.00
Bin Repair/Replacement Fee**		Fees vary by size up to

*Boxes exceeding 300lbs/yard
**Fees vary by size not to exceed current replacement value.

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

* * * * *

I hereby certify that the foregoing is full, true, and correct copy of the Ordinance duly and regularly passed and adopted by the Sanitary Board of the Las Gallinas Valley Sanitary District of Marin County, California, at a meeting hereof held on December 15, 2022, by the following vote of members thereof:

AYES:

NOES:

ABSTAIN:

ABSENT:

Teresa Lerch, District Secretary
Las Gallinas Valley Sanitary District

APPROVED:

Crystal Yezman, Vice President
Las Gallinas Valley Sanitary District

(seal)

DRAFT



Item Number _____ 5 _____

GM Review _____ CP _____

Agenda Summary Report

To: Board of Directors

From: Dale McDonald, Administrative Services Manager *DM*
(415) 526-1519 dmcdonald@lqvsd.org

Meeting Date: November 17, 2022

Re: Receive Sewer Capital Facilities Study and Consider Amending the Miscellaneous Fee Schedule of the Las Gallinas Valley Sanitary District

Item Type: Consent _____ Action X Information _____ Other _____.

Standard Contract: Yes _____ No _____ (See attached) Not Applicable X .

STAFF RECOMMENDATION

1. Board to accept the Sewer Capital Facilities Charge (CFC) Study Final Report dated October 24, 2022 from HDR Engineering, Inc.
2. Board to adopt Resolution No. 2022-2290 amending the Miscellaneous Fee Schedule of the District, adjusting the connection fees imposed by the District.

BACKGROUND

A Sewer Capital Facilities Charge (CFC) Study by HDR Engineering was commissioned in March 2020. The purpose of the study was to determine if the District’s Capital Facilities Charges (CFCs) need to be adjusted to recover the cost of the District’s public facilities, taking into consideration existing infrastructure and identified future capital improvements needed to serve growth within the District. The District’s current CFCs were reviewed in 2015.

Annual adjustments to the CFC have been implemented to maintain parity of the CFC in current dollar value. The annual adjustments are based on the Engineering News Record (ENR) San Francisco City Index. The most recent ENR adjustment, effective September 1, 2022, is factored into the CFC Study.

The Mitigation Fee Act (*Gov’t Code §§ 66000 – 66025*) authorizes a local government agency to impose fees on specific development projects to defray the cost of new or additional public facilities that are needed to serve those developments. A requirement is that *“Prior to levying a new fee or service charge, or prior to approving an increase in an existing fee or service charge, a local agency shall hold at least one open and public meeting, at which oral or written presentations can be made, as part of a regularly scheduled meeting.”* (*Gov’t Code §§ 66016(a)*). This regular meeting of the Board of Directors of the Las Gallinas Valley Sanitary District meets the requirements under the Act.

The current CFC is \$7,106 per Equivalent Service Unit (ESU) and \$355 per Plumbing Fixture Unit (PFU) in excess of 20 PFUs. The calculated and staff recommended CFC adjustment is \$8,189 per ESU and \$409 per PFU.



HDR, Engineering Inc. will present the study and is available to answer questions.

The amended Miscellaneous Fee Schedule will be effective December 1, 2022 upon adoption of the resolution attached.

PREVIOUS BOARD ACTION

Ordinance No. 183, adopted on July 2, 2020, revised Title 2, Chapter 1 to allow the CFC and PFU to be reviewed and adjusted by resolution.

Resolution No. 2022-2275 Miscellaneous Fee Schedule adopted August 18, 2022.

ENVIRONMENTAL REVIEW

N/A

FISCAL IMPACT

Connection Fee / Capital Facilities Charge Revenue increase: \$1,083 per ESU and \$54 per PFU.



LGVSD.org
101 Lucas Valley Road
San Rafael, CA 94903
(415) 472-1734

MISCELLANEOUS FEE SCHEDULE
(Effective 12/1/2022)

CONNECTION FEES:

Application Fee for New Sewer Capacity	\$ 500
Application Fee for Additional Sewer Capacity	\$ 250
Capital Facilities Charge (CFC)	\$8,189 per ESU
Additional Plumbing Fixture Units (PFU) <i>(in excess of 20 PFUs)</i>	\$ 409 each
Pump Service Charge Fee	50% surcharge of CFC

Reference Ordinance 183 (Title 2, Chapter 1): Approved 7/2/2020

Reference Resolution 2022-2290, Miscellaneous Fee Schedule: Approved 11/17/2022

SEWER LATERAL INSPECTION FEES:

Standard Review (10 business day turnaround): \$250

Expedited Review (5 business day turnaround): \$500

Reference Ordinance 180 (Title 2, Chapter 9): Approved 11/21/2019
Fee effective: 12/6/2019

Reference Resolution 2020-2183, Miscellaneous Fee Schedule: Approved 3/19/2020
Reference Resolution 2021-2216, Miscellaneous Fee Schedule: Approved 6/3/2021

METHOD OF PAYMENT:

Personal/Business check, cashier's check or money order. If the bank for any reason does not honor payment tendered, the full amount plus a ten percent penalty must be paid by a cashier's check to the District immediately.

Final Report



Sewer Capital Facilities Charge Study

Las Gallinas Valley Sanitary District
October 2022





October 24, 2022

Mr. Dale McDonald
Administrative Services Manager
Las Gallinas Valley Sanitary District
101 Lucas Valley Road, Suite 300
San Rafael, CA 94903

Subject: Sewer Capital Facilities Charge Study Final Report

Dear Mr. McDonald:

Enclosed please find HDR's final report regarding the sewer capital facilities charge study for the Las Gallinas Valley Sanitary District (District).

This report has been prepared using generally accepted financial and engineering principles. The District's financial, planning, and engineering data were the primary sources for the information contained in this report. HDR would recommend that prior to implementing the charges, the charges be reviewed by District legal counsel for compliance with California State law.

HDR appreciates the opportunity to assist the District in this matter. We also would like to thank you and your staff for the assistance provided to us. We look forward to future opportunities to work with the District.

Sincerely yours,
HDR Engineering, Inc.

A handwritten signature in black ink, appearing to read 'Shawn Koorn'.

Shawn Koorn
Associate Vice President



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Executive Summary

Introduction

The purpose of Capital Facilities Charges (CFCs) is to recover the costs of public facilities in existence at the time the charge is imposed, and for new public facilities to be acquired or constructed in the future, that are of proportional benefit to the person or property being charged. These CFCs are charged to new customers connecting to the system, or the incremental increase for existing customers increasing their demands compared to value of their existing (pre-expansion) capacity. By establishing cost-based sewer CFCs, the District attempts to have growth-pay-for-growth by having new customers pay their equitable share of the infrastructure in place which will serve them, while also reflecting the system costs existing utility customers have funded for available capacity in the system.

HDR Engineering Inc. (HDR) was retained by Las Gallinas Valley Sanitary District (District) to review and update the sewer CFCs. The District's current CFCs were last reviewed in 2015 and were recently updated on September 1, 2022 for inflation. General industry practice recommends adjusting these CFCs annually for changes in the costs of construction, and to update the CFCs every three to five years, or whenever comprehensive planning documents for the systems are updated. Periodic review of the CFCs is prudent for the District to determine parity between existing and new utility customers.

Study Overview

The CFCs are calculated in conformance with generally accepted rate making practices, California legal requirements, and are based on the District's planning and design criteria. As noted, CFCs are based on the existing infrastructure, and applicable future capital improvements needed to serve growth, divided by the number of equivalent service units (ESUs) that will be served by the existing and future system capacity. A component buy-in (existing) and expansion (future) approach is often taken in developing the CFCs because each component can have different planning and design criteria.

The calculations also take into account the financing mechanisms of capital improvements. These charges must be implemented according to the capacity requirement (i.e., the impact) each new connection places on the sewer system. This way, the CFCs are related to the costs the new customer places on the systems and the benefit they derive from infrastructure in place to serve them.

The District implements the sewer CFCs on a per ESU basis. An ESU is calculated to reflect the capacity of a single-family home to provide sewer service. In this way, the number of ESU's better reflects the capacity impacts the customer has placed upon the sewer system. For the District, One ESU is defined as 20 plumbing fixture units (PFUs). The additional plumbing fixture units in excess of the One ESU (20 PFUs) is charged on a per PFU basis. The CFC analysis resulted in the sewer CFC for One ESU (20 PFUs) increasing from \$7,106 per ESU, the existing CFC, to \$8,189 per ESU or an increase of \$1,083. The additional plumbing fixture units in excess of the 20 PFUs

increased from \$355 per PFU to \$409 per PFU or a \$54 increase. Table ES – 1, below, shows the existing and calculated sewer CFCs.

Table ES – 1 Present and Calculated Sewer Capital Facility Charge		
ESU ^[1]	Present Capital Facility Charge ^[2]	Calculated Capital Facility Charge ^[3]
1.00 (20 PFUs)	\$7,106 per ESU	\$8,189 per ESU
Additional Plumbing Fixture Units (PFU) in Excess of 20 PFUs	\$355 per PFU	\$409 per PFU

[1] One equivalent service unit (ESU) equals 20 plumbing fixture units (PFUs).

[2] Present capital facility charge as of September 1, 2022.

[3] Based on "Combined" methodology established in AWWA M1, Seventh Edition, Table VII.2-1, page 333.

The District, as a matter of policy, may charge any amount up to the calculated cost-based CFC but not over that amount. Charging an amount greater than the net allowable CFCs would not meet the practical basis of charging cost-based CFCs that are proportionally related to the benefit derived by the customer. While the District has been discussing additional future system expansion needs these projects costs have not been developed and therefore are not included in this analysis.

Consultant’s Recommendation

Based on our review and analysis of the District’s sewer CFCs, HDR makes the following recommendations:

1. The District should adopt the sewer CFCs for new connections which are no greater than the net allowable sewer CFCs as set forth in this report.
2. The District should continue to annually update the sewer CFCs by a local construction cost index such as the Engineering News Record Construction Cost Index (ENR-CCI) for no more than five years before a complete update of the sewer CFCs is completed. Industry best practice of annual inflationary adjustment can keep the charges (infrastructure investment) relatively current with construction pricing practices.
3. The District should update the actual calculations for the sewer CFCs at such time when a new capital improvement plan, public facilities plan, comprehensive system plan, or a comparable plan is approved or updated by the District, or every five years.

Disclaimer

HDR, in its calculation of the sewer CFCs presented in this report, has used generally accepted engineering, planning, and ratemaking principles. This should not be construed as a legal opinion with respect to California law. HDR recommends that the District have its legal counsel review the sewer CFCs for sewer as set forth in this report to ensure compliance with California law.

Summary

The sewer CFCs presented in this report are based on the planning and engineering design criteria of the District's sewer system, the value of the existing assets, past financing of system infrastructure, future capacity needs, and generally accepted rate and fee setting principles. The calculated sewer CFCs will provide multiple benefits to the District and will continue the practice of establishing proportional and cost-based sewer CFCS for new customers connecting to the District's sewer system. Should future additional future projects, and costs, be identified the CFCs should be updated to reflect the value of additional capacity added by those projects as well as the number of additional ESU's that can be provided service.



1.0 Introduction and Overview of CFCs

1.1 Introduction

The purpose of Capital Facility Charges (CFCs) is to fund a proportionate share of capital costs for the District’s sewer system. The objective of the analysis is to calculate the cost-based charges for new customers connecting to, or requesting additional capacity on, the District’s sewer system. By establishing cost-based CFCs, the District has growth-pay-for-growth by having new customers pay their equitable share of the infrastructure in place which will serve them, while also capturing the value of the portion existing customers have paid for funding the available capacity in the existing system, thereby shielding existing customers from the financial impacts of growth.

The District’s current CFCs were last reviewed in 2015 and were recently updated effective September 1, 2022 for inflation based on District Resolution 2022-2275. General industry recommendations are to update the charges every three to five years, or when comprehensive planning documents for the system have been. Given that the CFCs have not been updated since 2015, and the District recently updated its capital plan, a review of the CFCs is prudent at this time to maintain parity between existing and new District customers.

1.2 Defining Capital Facility Charges

The first step in establishing cost-based CFCs, sometimes referred to as system development charges, is to gain a better understanding of the definition of a CFC. For the purposes of this analysis, a CFC (or system development charge) is defined as follows:

“System development charges are one-time charges paid by new development to finance construction of public facilities needed to serve them.”¹

CFCs are generally imposed as a condition of service. The objective of CFCs is not to generate revenue for the utility, but to create a fiscal balance between existing customers and new customers. In this way, all customers seeking to connect to the utility’s system bear an equitable share of the cost of capacity that is invested in both the existing and any future growth-related expansions. Through the implementation of proportional and cost-based CFCs, existing customers will not be unduly burdened with the cost of new development (e.g., system expansion). If cost-based CFCs are not implemented, then existing utility customers will bear (i.e., pay for) a significant portion of the costs associated with new development. Ultimately, the adoption of the final CFCs is a policy decision by the District’s Board regarding the sharing of costs between new development and existing customers. The adoption of a cost-based CFCs moves towards a proportional balance of growth-pays-for-growth.

¹ Arthur C. Nelson, System Development Charges for Water, Sewer, and Stormwater Facilities, Lewis Publishers, New York, 1995, p. 1,

1.3 Requirement Under California State Law

In establishing CFCs (system development charges, capacity charges), an important requirement is that they be developed and implemented in conformance with State and local laws. California law provides the basis for the determination of CFCs through a uniform framework for the imposition of CFCs by local governments. Specifically, the requirement for the calculation of CFCs in California are found in the California Government Code sections 66013, 66016, and 66022, which are interspersed within the ‘Mitigation Fee Act’.

A summary of the relevant statutes required in the calculation of CFCs under California law is as follows:

“66013 (a) Notwithstanding any other provision of law, when a local agency imposes fees for water connections or sewer connections, or imposes capacity fees, those fees or charges shall not exceed the estimated reasonable cost of providing the service for which the fee or charge is imposed, unless a question regarding the amount of the fee or charge imposed in excess of the estimated reasonable cost of providing the services or materials is submitted to, and approved by, a popular vote of two-thirds of those electors voting on the issue.”

“66013 (b) (3) ‘Capacity charge’ means a charge for public facilities in existence at the time a charge is imposed or charges for new public facilities to be acquired or constructed in the future that are of proportional benefit to the person or property being charged, including supply or capacity contracts for rights or entitlements, real property interests, and entitlements and other rights of the local agency involving capital expense relating to its use of existing or new public facilities. A “capacity charge” does not include a commodity charge.”

“66016 (a) Prior to levying a new fee or service charge, or prior to approving an increase in an existing fee or service charge, a local agency shall hold at least one open and public meeting, at which oral or written presentations can be made, as part of a regularly scheduled meeting.”

“66022 (a) Any judicial action or proceeding to attack, review, set aside, void, or annul an ordinance, resolution, or motion adopting a new fee or service charge, or modifying or amending an existing fee or service charge, adopted by a local agency, as defined in Section 66000, shall be commenced within 120 days of the effective date of the ordinance, resolution, or motion.”

In addition to the determination of “the estimated reasonable cost of providing the service for which the fee is imposed,” California law also requires the following:

- That notice (of the time and place of the meeting, including a general explanation of the matter to be considered) and a statement that certain data is available be mailed to those who filed a written request for such notice,

- That certain data (the estimated cost to provide the service and anticipated revenue sources) be made available to the public,
- An opportunity for public input at an open and public meeting to adopt or modify the fee, and
- That revenue in excess of actual cost be used to reduce the fee creating the excess.

In 1996, the voters of California approved Proposition 218, which required that the imposition of certain fees and assessments by municipal governments require a vote of the people to change or increase the fee or assessment. In *Richmond v. Shasta Community Services Dist.*, 32 Cal.4th 409 (2004), the California Supreme Court held that capital facilities charges are not “assessments” under Proposition 218 because they are imposed only on those who are voluntarily seeking water and wastewater service, rather than being charged to particular identified parcels, and therefore such fees are not subject to the procedural or substantive requirements of Proposition 218. The court also held that such fees can properly be enacted by either ordinance or resolution.

In November 2010 the voters of California passed Proposition 26, an initiative based state constitutional amendment that provided a new definition of the term “tax” in the California Constitution. Under Proposition 26 a fee or charge imposed by a public agency is a tax unless it meets one of seven exceptions. “Connection fees” would be included within exceptions 1 and/or 2. These two exception note that the connection fee or charge is:

- (1) “A charge imposed for a specific benefit conferred... directly to the payor that is not provided to those not charged, and which does not exceed the reasonable cost to the local government of conferring the benefit...,”
- (2) “A charge imposed for a specific government service... directly to the payor that is not provided to those not charged, and which does not exceed the reasonable cost to the local government of providing the service or product.”

In the case of the District’s sewer CFCs, the District does not charge one fee payer more in order to charge another fee payer less (i.e., a cross-subsidy), and it does not exceed the reasonable costs to the local government of providing the service. Given this, the fee is not a tax within the meaning of Proposition 26.

In simplified terms, the basic principle that needs to be followed under California law is that the CFCs be based on a proportionate share of the costs of the system required to provide service and that the requirements for adoptions and accounting be followed in compliance with California law.

1.4 Methodology to Development of Capital Facility Charges

There are various approaches that can be used to establish CFCs which ultimately depend on the available capacity in the utility system to meet future customer demands. The Water Environment Federation Manual of Practice No. 27 discusses three generally accepted capacity charges methods:

- “The *buy-in method*, is based on the value of the existing system’s capacity. This method is typically used when the existing system has sufficient capacity to serve new development now and into the future.
- The *incremental cost method*, is based on the value or cost to expand the existing system’s capacity. This method is typically used when the existing system has limited or no capacity to serve new development now and into the future.
- The *combined approach* is based on a blended value of both the existing and expanded system’s capacity. This method is typically used where some capacity is available in parts of the existing system (e.g., wastewater treatment), but new or incremental capacity will need to be built in other parts (e.g., wastewater lift station) to serve new development at some point in the future.”²

The "combined approach" was used for the calculation of the District's CFCs. The District's sewer system has available capacity to accommodate additional growth. and has identified future improvements necessary to serve growth up to current available capacity. Given this, the combined approach is the approach that best fits the District's facilities given the impacts of growth on the system. Should growth exceed available capacity, future additional projects will need to be developed and the fee updated to reflect the value of the available capacity. Therefore, the existing and future component cost per ESU, is determined, and the cost per ESU for each existing and future component is added together for a combined total.

Within the generally accepted CFC methodologies³, there are a number of different steps used to establish cost-based and equitable CFCs. These steps are as follows:

- Step 1** - Determination of system planning criteria
- Step 2** - Determination of equivalent service units (ESUs)
- Step 3** – Valuation of system component costs
- Step 4** - Determination of any credits

Step 1 – Determination of System Planning Criteria

The first step in establishing CFCs is the determination of the system planning criteria. This implies calculating the amount of capacity required by a single-family residential customer. The use of an adopted facility plan or master plan for the utility provides the basis for the CFCs system planning criteria. These planning documents provide the rational planning basis and criteria for the facilities and investment needed to operate and maintain the system properly and adequately. For a sewer system the planning criterion is the average usage per ESU. The District’s billing data and recent sewer rate study are the documents and information that are referenced for the determination of the system planning criteria.

²Water Environment Federation (WEF) Manual of Practice No. 27, 4th Edition, p. 206-211.

³ Methodologies established in industry documents referenced as System Development Charges for Water, Wastewater, and Stormwater Facilities, by Arthur C. Nelson; AWWA M-1 Manual, 7th Edition.

Step 2 – Determination of Equivalent Service Unit (ESU)

The next step is the determination of the ESUs. An ESU provides a “common denominator” for assessing impact on a utility system. The determination of the total system ESUs is an important calculation in that it provides the linkage between the level of infrastructure necessary to provide service to a set number of customers. This implies that if the system is designed to provide service for demands at a specific point in time, then the infrastructure costs are divided by the additional ESUs projected to be connected by that point in time to determine the proportionate system cost per ESU.

Step 3 – Valuation of System Component Costs

Once the number of ESUs, or capacity for the system are determined, a component by component analysis is undertaken of the assets to determine the portion of the CFC attributable to each component in dollars per ESU. In this process, the existing assets must be valued. Existing assets may be valued in a number of different⁴ ways. These methods may include the following:

- Original Cost (OC) is cost of construction in year of construction
- Original Cost Less Depreciation (OCLD)
- Replacement Cost New (RCN) is current day dollars of replacing existing
- Replacement Cost New Less Depreciation (RCNLD)

Given these four different methods for valuing the assets, the selection of the valuation method certainly arises. The Water Environment Foundation Manual of Practice No. 27 notes the following concerning these various generally accepted valuation methods:

“Using the OC and OCLD valuations, the [capital facilities charge] reflects the original investment in the existing capacity. The new customer “buys in” to the capacity at the OC or the net book value cost (OCLD) for the facilities and as a result pays an amount similar to what the existing customers paid for the capacity (OC) or the remaining value of the original investment (OCLD).

Using the RCN and the RCNLD valuations, the [capital facilities charge] reasonably reflects the cost of providing new expansion capacity to customers as if the capacity was added at the time the new customers connected to the sewer system. It may be also thought of as a valuation method to fairly compensate the existing customers for the carrying costs of the excess capacity built into the system in advance of when the new customers connect to the system. This is because, up to the point of the new customer connecting to the system, the existing customers have been financially responsible for the carrying costs of that excess capacity that is available to development.”⁵

As a point of reference for this study, the District’s CFC analyses will use a RCNLD methodology for all assets in the study. The District’s existing assets and corresponding depreciation are valued at “replacement” cost based on original cost escalated to current dollars using a cost index (e.g.

⁴ Methodologies established in industry documents referenced as System Development Charges for Water, Wastewater, and Stormwater Facilities, by Arthur C. Nelson; and WEF Manual of Practice No. 27, Financing and Charges for Wastewater Systems, Fourth Edition.

⁵ WEF, 4th Edition, p. 206-211.

the Engineering New Record, Construction Cost Index; (ENR-CCI). This value reasonably reflects the carrying costs of the excess capacity paid by existing customers. Infrastructure not paid by the utility such as developer contributions or grants is also not included in the fee.

The next step in the analysis is to determine the valuation of the system infrastructure. The combined approach is based on the existing infrastructure plus future expansion-related capital projects, based on an adopted capital plan or master plan and valued at today's cost, regardless of the timing of when the facility will be built within the study timeframe (e.g. 7 years). The future component is related only to future capital projects which accommodate future growth.

Step 4 – Determination of Any Credits

The last step in the calculation of the CFC is the determination of any credits. The credit takes into account the method used to finance infrastructure on the system and assures that customers are not paying twice for infrastructure – once through the CFCs and again through rates. The double payment can come in through the imposition of a CFC and then the requirement to pay debt service within a customer's sewer rates.

This component accounts for the outstanding debt principal on existing assets. By segregating the debt service out, the cost can be clearly identified and calculated appropriately. To avoid double-counting of the assets financed with debt, the future principal associated with those assets was deducted from the existing infrastructure value.

1.5 Summary

This section of the report has defined CFCs; provided an overview of the requirements under California state law, the CFC approach which must be established between new development and the new or expanded facilities required to accommodate new development, and appropriate apportionment of the cost to the new development in relation to benefits reasonably to be received. The next section of the report will provide a discussion of the calculation of the District's sewer CFCs.



2.0 Development of Sewer Capital Facility Charge

2.1 Introduction

This section of the report presents the key assumptions and details used in calculating the District's sewer CFCs. The calculation of the District's sewer CFCs is based on District-specific accounting and planning information. Specifically, the charges are based upon the District's fixed asset records; the District's current capital improvement plans; existing equivalent service units (ESUs) and projection of future ESUs.

To the extent that the cost and timing of future planning or capital improvements change, then the CFCs presented in this section of the report should be updated to reflect the changes.

2.2 Overview of District's Sewer System

The Las Gallinas Valley Sanitary District is located in the Las Gallinas Valley between Novato and San Rafael, in Marin County, California. The District's wastewater treatment and recycling facilities are located on over 400 acres on San Pablo Bay. The District currently serves 31,198 (2020 census) people in communities north of central San Rafael.

The original wastewater treatment plant was constructed in 1955 to address health problems from failing septic tanks in Santa Venetia. New development in north San Rafael resulted in annexation of Terra Linda in 1956, followed by other areas including San Rafael Meadows, Marinwood, Lucas Valley, and other communities.

Major plant expansions were built in 1958, 1972, and 1984. The latter increased permitted capacity to 2.92 million gallons per day with ponds to hold treated wastewater and spray fields that allow the District to withhold discharge in summer months to San Francisco Bay via Miller Creek. Current plans address increasing capacity to best serve the present and future residents and address maintenance, efficiency and regulatory issues.

2.3 Existing Sewer Capital Facility Charge

The District implements the sewer CFCs on a per ESU basis. For the sewer utility, an ESU is calculated to reflect the capacity of a single-family home to provide sewer service. In this way, the number of ESU's better reflects the capacity impacts the customer has placed upon the sewer system. For the District, One ESU is defined as 20 plumbing fixture units (PFUs). The additional plumbing fixture units in excess of the One ESU (20 PFUs) is charged on a per PFU basis. The CFC for One ESU (20 PFUs) is presently \$7,106 per ESU, with any additional plumbing fixture units in excess of the 20 PFUs at \$355 per PFU. Table 2-1, below, shows the present sewer CFCs.

**Table 2-1
Present Sewer Capital Facilities Charges**

ESU ^[1]	Present Capital Facility Charge ^[2]
1.00 (20 PFUs)	\$7,106 per ESU
Additional Plumbing Fixture Units (PFU) in Excess of 20 PFUs	\$355 per PFU

[1] One equivalent service unit (ESU) equals 20 plumbing fixture units (PFUs).

[2] Present capital facility charge as of September 1, 2022.

2.4 Calculation of the Sewer Capital Facility Charge

As discussed in Section 1, the process of calculating capacity charges is based on a four-step process. In summary form, these steps are as follows:

- Determination of system planning criteria
- Determination of equivalent service units (ESUs)
- Calculation of the capacity charge by system component costs
- Determination of capacity charge credits

Each of these steps is discussed in more detail below.

2.4.1 Sewer System Planning Criteria

System planning criteria typically involves calculating the amount of sewer required by a single-family residential customer or ESU. Sewer demand represents the basis for system design. For the District, an ESU is established as 200 gallon per day (gpd) per ESU. The District provided the total number of equivalent dwelling units by source code. As can be seen in Table 2-2, the total number of sewer service ESUs is 16,251.

**Table 2-2
Sewer Capacity Charge – Existing Equivalent Service Units**

Classes of Service	Use Code	# of Accounts	# of Units ^[1]	Factor ^[2]	Total
Single Family	1	8,150	8,150	1.0	8,150
Duplex	2	45	90	0.9	81
3 – 4 Units	3	68	259	0.9	233
5-9 Units	4	99	731	0.9	658
10+ Units	5	105	2,423	0.9	2,181
Non-Residential		441	3,831	1.0	3,831
Hand Billed		<u>92</u>	<u>1,117</u>	1.0	<u>1,117</u>
Total		9,000	16,601		16,251

[1] Based on data from utility billing system.

[2] Equivalent service unit factor from current rate study.

2.4.2 Determination of Sewer Equivalent Service Units

System planning criteria are used to establish the capacity needs of a ESU. The system capacity in MGD is divided by the average day demand per service unit to estimate the build out ESU. The treatment system capacity is 3.20 MGD reflecting buildout ESUs of 16,251 (3.20/200 gallons per day =20,651 ESUs). The 2021 average daily flow is 2.32 MGD or 16,251 ESUs (2.32/200 gallons per day per sewer unit = 16,251 ESUs). Based on the District’s projected buildout, the remaining capacity of 0.88 mgd, when divided by 200 gpd/EDU equals approximately 4,400 ESUs left. A summary of the existing and future ESUs is presented in Table 2-3.

**Table 2-3
Sewer Capacity Charge – Total ESUs**

Description	Capacity in MGD	Average Day Demand	Total ESUs
Existing ESUs	2.32	200	16,251
Future ESUs	<u>0.88</u>	200	<u>4,400</u>
Total Buildout ESUs	3.20		20,651

2.4.3 Calculation of the Sewer Capital Facilities Charge

The next step of the analysis is to review the major functional system infrastructure to determine the capacity charge for the system. In calculating the capacity charges for the District, existing components, debt service for existing facilities, future capital improvements relating to growth were included. The methodology used to calculate each of these components is described below.

EXISTING OR BUY-IN COMPONENT – To calculate the value of the existing assets for the buy-in component, the District’s methodology considered the original cost of each asset. The original cost of the asset was then adjusted to the value for replacement cost. The replacement cost of each asset was then depreciated for the remaining useful life (i.e. replacement cost less depreciation). A replacement cost method “is appropriate when the system has been completely built out, or possesses substantial excess capacity to accommodate new development on a fill-in basis...” The District provided an asset listing for the various existing components and their installation dates. As was noted in Section 1, there are different methods for valuing existing assets. In this case, a replacement cost new less depreciation (RCNLD) was used. To accomplish this, the original cost of each asset was escalated to current, July 2022 dollars, based on the Construction Cost Index (CCI) for San Francisco Engineering News & Record (ENR). Then, based on the installation date and an estimated useful life provided by the District for each asset, the escalated cost for each asset was depreciated.

Given the value of the existing assets, the next step was to determine the portion of the asset costs that were eligible to be included in the calculation of the capacity charge. The term “capacity charge eligible” simply describes the amount of the asset to be included within the calculation of the charge. Within this study, assets that were less than \$5,000 in value were not included. The total RCNLD value of the eligible existing assets was \$56.3 million. Contributed capital in the amount of \$4.4 million was subtracted from the existing plant for a total existing plant basis of \$51.8 million. A summary of the existing assets valuation can be seen on Exhibit 1 of the Technical Appendix.

DEBT SERVICE COMPONENT - In addition to the buy-in component, a debt service component was also developed. This component accounts for the principal on existing assets. The remaining principal portion of the debt associated with the assets was deducted from the total eligible asset value prior to calculating the capacity charge. This inclusion of a “debt service credit” avoids double charging the customer for the asset value in the existing or buy-in component of the capacity charge, and also in the debt service component of the rates. The principal portion of the debt service balance on existing assets is removed from the value prior to calculating the buy-in portion of the fee. By segregating the debt service out, the cost can be clearly identified and calculated appropriately. The District has four outstanding debt issues for the sewer system for existing assets, in the total of an outstanding principal amounts of \$7.7 million as of June 2022. Details of the debt service are shown on Exhibit 2 of the Sewer Technical Appendix.

OTHER COMPONENTS - In addition to the buy-in component and debt service component, the capital fund reserves were determined to be capital facility charge related. The inclusion of capital fund reserves can be viewed from the perspective existing customers created this reserve for the construction of assets and a new customer should pay a proportional share of the value of these reserves. The total CFC eligible unrestricted capital fund reserves is \$2.9 million. Further detail can be seen on Exhibit 3 of the Technical Appendix.

FUTURE COMPONENTS – An important requirement for a capacity fee study is the connection between the anticipated future growth on the system and the needed facilities required to accommodate that growth. For purposes of this study, the District’s most current Capital Improvement Plan (CIP) was provided. District staff reviewed the existing capital improvement plan and updated it with the best available information. The projects necessary to meet demand for the sewer system were included in the CIP, along with a projection of the percentage of capacity eligible projects. [The District’s Secondary Treatment Plant Upgrade Recycled Water Expansion \(STPURWE\) project, currently in-progress, is considered a future project for CFC calculation purposes](#)

The sewer CIP projects total \$226.1 million of which \$196.9 million were capacity charge eligible. Exhibit 4 of the Sewer Technical Appendix contains the details of this portion of the charge.

The District has recently issued two outstanding debt issues for a portion of [the STPURWE project](#), in the total of outstanding principal of \$44.3 million as of June 2022. In addition the District anticipates issuing an additional \$30.5 over the CIP plan to fund projects. This totals approximately \$74.9 million in debt credit for the future component. Details of the debt service are shown on Exhibit 1 and 2 of the Sewer Technical Appendix.

2.4.4 Allowable Sewer Capital Facilities Charge

Based on the sum of the component costs calculated above, the allowable sewer capacity charge was determined. “Allowable” refers to the concept that the calculated capacity charges shown , as a matter of policy, the District may charge any amount up to the allowable capacity charge, but not over that amount. Charging an amount greater than the allowable capacity charge would not meet the practical basis of a cost-based capacity charge. Table 2-3 are the District’s cost-based sewer capacity charges. Details are provided in Exhibit 1 of the Sewer Technical Appendix.

**Table 2-3
Summary of Allowable Capital Facility Charge**

	Total "Allowable" CFC Charge
Total CFC Eligible Plant (Replace. Cost Less Depreciation)	\$56,342,845
Less: Contributed Capital	(4,492,683)
Less: Outstanding Principal on Debt	(7,728,307)
Plus: Unrestricted Reserves	<u>2,973,576</u>
Total Existing Plant Cost Basis	\$47,095,430
Plus: Future Plant	\$196,960,519
Less: Outstanding Principal on Debt	(44,357,679)
Less: Outstanding Principal on Debt	<u>(30,587,663)</u>
Total Future Plant	\$73,448,805
Total Existing and Future Plant	\$122,015,177
Total Equivalent Service Units	20,651
Total Allowable Capital Facility Charge	\$8,189

As can be seen in Table 2-3, the calculated sewer capacity charge was determined to be \$8,189 for one ESU. Table 2-4 provides a summary of the present and calculated allowable sewer capacity charges per ESU.

**Table 2-4
Present and Calculated Sewer Capital Facility Charge**

ESU ^[1]	Present Capital Facility Charge ^[2]	Calculated Capital Facility Charge ^[3]
1.00 (20 PFUs)	\$7,106 per ESU	\$8,189 per ESU
Additional Plumbing Fixture Units (PFU) in Excess of 20 PFUs	\$355 per PFU	\$409 per PFU

[1] One equivalent service unit (ESU) equals 20 plumbing fixture units (PFUs).

[2] Present capital facility charge as of September 1, 2022.

[3] Based on "Combined" methodology established in AWWA M1, Seventh Edition, Table VII.2-1, page 333.

2.5 Key Assumptions

In developing the capital facilities charges for the District's sewer system, a number of key assumptions were utilized. These are as follows:

- The methodology used is the "combined" methodology. The existing and future component are added together for a net allowable capital facility charge.
- The District's capital facilities charges were developed on the basis of planning documents, and capacity connections.

- The District provided the most recent number of sewer equivalent dwelling units
- The District’s asset records as of June 2021 were used to determine the existing infrastructure assets.
- The year 2022 was used as the basis for the CIP.
- The outstanding principal portion of all outstanding debt was deducted (i.e. a debt service credit) from the cost of the existing assets and future projects to avoid double counting.
- The District provided the CIP for future improvements.
- The District determined the portion of future improvements that were growth related.

2.6 Consultant’s Recommendations

Based on our review and analysis of the District’s sewer capital facilities charges, HDR makes the following recommendations:

1. The District should adopt the sewer capital facilities charges for new connections which are no greater than the net allowable sewer capital facilities charges as set forth in this report.
2. HDR recommends that these charges be adjusted each year by an escalation factor to reflect the cost of interest and inflation (i.e., ENR CCI).
3. The District should update the actual calculations for the sewer capital facilities charges at such time when a new capital improvement plan, public facilities plan, comprehensive system plan, or a comparable plan is approved or updated by the District, or every five years.

2.7 Summary

The sewer capital facilities charges developed and presented in this report are based on the planning and engineering design criteria of the District’s sewer system, the value of the existing assets, and generally accepted ratemaking principles. Annually updating the fee based on the Engineering New Record construction cost index and reviewing the capital facilities charges every five years would continue to create equitable and cost-based charges for new customers connecting to the District’s sewer systems.



Technical Appendix

Las Gallinas Valley Sanitary District
 Exhibit 1
 Development of the Capital Facilities Charge Per ESU

	ORIGINAL COST ⁽¹⁾	CFC ELIGIBLE ORIGINAL COST ⁽²⁾	REPLACEMENT COST NEW (ENR) ⁽³⁾	REPLACEMENT COST NEW (ENR) LESS DEPRECIATION ⁽⁴⁾
Existing Plant				
5501 - Collection System Lines/Manholes	\$30,899,766	\$30,348,779	\$141,552,147	\$14,515,012
5551 - Collections Dept Equipment	2,002,256	1,961,118	5,367,273	154,123
5552 - Facilities & Equip - Treatment	41,236,195	23,234,661	67,717,652	5,643,450
5553 - Facilities & Equip - Disposal	8,141,898	8,098,212	27,950,248	4,302
5554 - Facilities & Equip - Admin	4,064,949	2,349,611	3,564,694	2,404,420
5555 - Facilities & Equip - Lab	497,905	0	0	0
5556 - Facilities & Equip - Pump Station	21,244,397	20,983,220	40,299,438	14,408,877
5557 - Facilities & Equip - Reclamation	4,544,817	4,431,757	5,822,601	4,470,287
5558 - Facilities & Equip - Recycled Water	9,831,986	9,785,944	14,742,374	14,742,374
Total Existing Plant	\$122,464,168	\$101,193,301	\$307,016,428	\$56,342,845
Less: Contributed Capital⁽⁵⁾	(\$13,131,900)	(\$13,131,900)	\$86,375,888	(\$4,492,683)
Less: Existing Outstanding Debt Principal⁽⁶⁾	(\$7,728,307)	(\$7,728,307)	(\$7,728,307)	(\$7,728,307)
Plus: Reserves⁽⁶⁾	\$2,973,576	\$2,973,576	\$2,973,576	\$2,973,576
Net Existing Plant	\$104,577,536	\$83,306,670	\$388,637,585	\$47,095,430
Future Plant				
Planning, Software, & Other Engineering	\$16,860,763	\$13,143,428	\$13,143,428	\$13,143,428
Collection System (Incl. Pump Stations & Force Mains)	43,239,795	23,708,048	23,708,048	23,708,048
Reclamation	19,100,202	17,695,373	17,695,373	17,695,373
Treatment Plant (Incl. Recycled Water)	71,988,471	67,468,329	67,468,329	67,468,329
Financed Projects	74,945,341	74,945,341	74,945,341	74,945,341
Total Future Plant	\$226,134,573	\$196,960,519	\$196,960,519	\$196,960,519
Less: Outstanding Debt Principal on Future Projects⁽⁶⁾			(\$44,357,679)	(\$44,357,679)
Financed CIP of \$74.5M less Future Debt shown of \$44.3 M			(\$30,587,663)	(\$30,587,663)
Net Future Plant			\$122,015,177	\$122,015,177
Total Existing and Future Plant			\$510,652,762	\$169,110,608
Existing Equivalent Service Units				16,251
Future Equivalent Service Units				4,400
Total Customer Base ⁽⁷⁾				20,651
Total Capital Facilities Charge per ESU⁽⁸⁾				\$8,189
			Present Fee ⁽⁹⁾	\$7,106
			Difference	\$1,083

NOTES:

- (1) Asset list based on June 2019. See Exhibit 7.
- (2) Eligible for CFC. Does not include items less than \$5,000. See Exhibit 7.
- (3) Based on specific "in service" date of asset and July 2022 Engineering News Record, San Fran construction cost index. See Exhibit 7.
- (4) Based on eligible asset, plus ENR, less accumulated depreciation. See Exhibit 7.
- (5) Based on contributed capital listed from last CFC study. See Exhibit 7.
- (6) Principal balance as of June 30, 2022. Future based on CIP financed projects. See Exhibit 2.
- (7) Projected equivalent service units and capacity. See Exhibit 5.
- (8) Based on "combined" methodology in AWWA M1, Sixth Edition, Table VI.2-4, page 273.
- (9) Present capacity charge as of Sept. 2022, per Resolution 2022-2275.

Las Gallinas Valley Sanitary District
Exhibit 2
Development of Outstanding Debt Principal

Note Payable	Started	Reason for Loan	End Date	Years	Interest %	Original Amount	Estimated Balance June 30, 2022 (1)
Existing Debt on Assets							
Bank of Marin #1	6/10/2011	Recycled Water Facility	6/10/2031	20.01	3.88%	\$4,600,000	\$2,517,664
Bank of Marin #2	7/27/2012	Recycled Water Facility	8/10/2022	10.04	3.25%	2,000,000	39,064
City National Bank for Municipal Finance Corporation	4/1/2014	Refinance 2005 COP (Certificates of Participation) Bonds	6/1/2025	11.18	3.30%	6,880,000	2,698,800
State Water Resources Control Board State Revolving fund	11/1/2012	Construction	6/1/2032	19.59	2.70%	3,778,806	2,472,779
Total Existing Debt on Assets						\$17,258,806	\$7,728,307
Debt on Future Projects							
US Bank 2017 Revenue Bonds	4/28/2017	Bonds for Construction	4/1/2042	24.94	3.30%	\$38,365,000	33,375,000
California Infrastructure & Economic Developmental Bank for I-Bank Loan	5/1/2019	Construction	5/1/2039	20.01	3.00%	12,000,000	10,982,679
Total Debt on Future Projects						\$50,365,000	\$44,357,679
Total Debt						\$67,623,806	\$52,085,986

NOTES:

(1) Las Gallinas Valley Sanitary District, as of June 30, 2022.

Las Gallinas Valley Sanitary District
 Exhibit 3
 Development of Cash Reserves

Reserve Fund Balance			
	Estimated Balance July 1, 2022	% CFC	\$ CFC
Cash	\$2,973,576	100%	\$2,973,576
Total	\$2,973,576		\$2,973,576

NOTES:

(1) Las Gallinas Valley Sanitary District, 2022-23 Budget, page 25.

Las Gallinas Valley Sanitary District

Exhibit 4

Development of Future Capital Improvements

Capital Improvement Project ⁽¹⁾	2021 CWIP	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	Total	% CFC(2)	\$ CFC
Planning, Software, & Other Engineering												
Integrated Wastewater Master Plan Phase 2(1)	\$359,881	\$231,274	\$448,910	\$0	\$0	\$0	\$0	\$0	\$0	\$1,040,064	100.0%	\$1,040,064
Integrated Wastewater Master Plan Phase 3(1)	0	0	100,000	100,000	105,000	0	0	0	0	305,000	100.0%	305,000
Biosolids System Improvement Analysis	17,445	15,144	107,000	0	0	0	0	0	0	139,588	100.0%	139,588
Asset Management Onboarding Task 2-4 CMMS CityWorks	0	10,976	400,000	875,000	510,000	110,000	30,000	30,600	31,200	1,997,776	100.0%	1,997,776
Sea Level Rise Mitigation Program Design	0	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	500,000	100.0%	500,000
Standard Specifications and Drawings Update Project	0	0	50,000	0	0	0	0	0	0	50,000	100.0%	50,000
On-Call Engineering Contract	46,644	39,285	210,000	100,000	100,000	100,000	100,000	100,000	100,000	895,929	0.0%	0
On-Call Inspection	0	90	44,910	45,000	45,000	45,000	45,000	45,000	45,000	315,000	0.0%	0
On-Call Construction Contract (2021-2023)	0	183,076	100,000	100,000	100,000	100,000	100,000	100,000	100,000	883,076	0.0%	0
IT Pipes Software Upgrade for Video Interface w/CityWorks	0	0	35,000	11,000	11,000	11,000	11,000	11,000	11,000	101,000	0.0%	0
City Works Azteca Annual Licensing plus ESRI license	0	39,750	40,000	40,000	40,000	40,000	40,000	40,000	40,000	319,750	0.0%	0
Fleet Maintenance Software annual licenses	1,606	1,392	2,160	2,000	2,000	2,000	2,000	2,000	2,000	17,158	0.0%	0
Accounting ERP Integration	0	11,266	53,798	0	0	0	0	0	0	65,064	0.0%	0
Website Improvement - O&M beginning in FY 22-23	0	0	25,000	5,000	5,000	5,000	0	0	0	40,000	0.0%	0
Drafting Software & Computer Upgrade	599	6,089	6,000	0	0	0	0	0	0	12,688	0.0%	0
Biosolids well monitoring design and construction	0	0	300,000	50,000	50,000	50,000	50,000	0	0	500,000	0.0%	0
Hydraulic Modeling	0	0	200,000	100,000	0	0	0	0	0	300,000	0.0%	0
Sea Level Rise Mitigation Construction (Placeholder)	0	0	0	0	0	0	3,000,000	3,000,000	3,000,000	9,000,000	100.0%	9,000,000
Arc Flash Study	0	51,313	0	0	0	0	0	0	0	51,313	0.0%	0
Temp Access Rd Guide Dogs (temp asphalt road) - ADDED 2021	60,410	1,454	0	0	0	0	0	0	0	61,864	0.0%	0
Asset Management Onboarding Task 1 STPURWE CMMS CityWorks	0	111,000	0	0	0	0	0	0	0	111,000	100.0%	111,000
On-Call Construction Contract (2019-2021)	154,494	0	0	0	0	0	0	0	0	154,494	0.0%	0
Total Planning, Software, & Other Engineering	\$641,077	\$702,108	\$2,222,778	\$1,528,000	\$1,068,000	\$563,000	\$3,478,000	\$3,328,600	\$3,329,200	\$16,860,763		\$13,143,428
Collection System												
John Duckett PS & HWY 101 Terra Linda Trunk Sewer Design	\$19,891	\$3,260	\$730,927	\$601,674	\$0	\$0	\$0	\$0	\$0	\$1,355,751	100.0%	\$1,355,751
Rafael Meadows Pump Station - Electrical Standby Generator	502	140,380	160,000	0	0	0	0	0	0	300,882	0.0%	0
Smith Ranch Pump Station Electrical Upgrades	22,547	3,612	300,000	0	0	0	0	0	0	326,159	0.0%	0
Force Main Assessment, Cleaning, Location Marking, & Mapping	6,004	0	350,000	250,000	0	0	0	0	0	606,004	0.0%	0
Standby/Towable Generators for Minor Pump Stations	0	10,094	357,044	0	0	0	0	0	0	367,138	0.0%	0
Automatic Transfer Switches for Pump Stations	12,803	0	260,000	0	0	0	0	0	0	272,803	0.0%	0
Pump Station Site Lighting, Safety, & Security Improvements	16,546	1,576	241,877	0	0	0	0	0	0	260,000	0.0%	0
Emergency Bypass Pumping Analysis & Response Plan	12,171	11,760	105,000	0	0	0	0	0	0	128,931	0.0%	0
Rafael Meadows Pump Station - Civil, fencing, other	0	0	180,000	400,000	0	0	0	0	0	580,000	0.0%	0
Mulligan PS wet well upgrade	0	0	60,000	250,000	0	0	0	0	0	310,000	0.0%	0
Manhole Frame & Cover Adjustment Allowance	2,481	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	352,481	0.0%	0
Fencing Improvements at Various Locations	9,360	0	60,000	0	0	0	0	0	0	69,360	0.0%	0
Annual Facility Paving at Various Locations	70,366	0	35,000	35,000	35,000	35,000	35,000	35,000	35,000	315,366	0.0%	0
Smith Ranch CNG Filling Station Function	0	0	45,000	0	0	0	0	0	0	45,000	0.0%	0
Captains Cove Pump Station Upgrades(2)	10,642	0	50,000	0	0	0	0	0	0	60,642	100.0%	60,642
Sewer Main Collection System Rehabilitation Program	0	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	800,000	800,000	6,600,000	100.0%	6,600,000
SCADA Integration & Control Panel Repl. for Pump Stations	0	0	250,000	250,000	250,000	250,000	0	0	0	1,000,000	0.0%	0
Install Ports in Pump Stations	0	0	30,000	0	0	0	0	0	0	30,000	0.0%	0
Hawthorn Pump Station Fencing - Second Fence line	0	0	25,000	0	0	0	0	0	0	25,000	100.0%	25,000
Descanso Pump Station Odor Control	0	0	0	0	45,000	100,000	150,000	0	0	295,000	0.0%	0
Marin Lagoon Pump Station No.1 (2)	25,360	191,294	0	0	0	400,000	400,000	200,000	200,000	1,416,655	100.0%	1,416,655
Smith Ranch Rd Combined Force Main	0	0	0	0	0	250,000	2,500,000	0	0	2,750,000	0.0%	0
Captains Cove and Marin Lagoon Pump Station Telemetry(2)	0	0	0	0	0	250,000	250,000	250,000	0	750,000	100.0%	750,000
Civic Center Pump Station VFD Control	0	0	0	0	0	100,000	0	0	0	100,000	0.0%	0
Lower Marinwood TS Capacity Upgrade & Relocation	0	0	0	0	0	250,000	1,500,000	0	0	1,750,000	0.0%	0
McInnis Pump Station Improvements	0	0	0	0	0	75,000	300,000	0	0	375,000	0.0%	0
Vac Truck Recycled Water Filling Station & Wash Rack	0	0	0	0	0	60,000	0	0	0	60,000	0.0%	0
Smith Ranch Pump Station Generator Diesel Conversion	0	0	0	0	0	0	100,000	500,000	0	600,000	0.0%	0
IWMP Pump Station & Force Main Projects (Placeholder)	0	0	0	2,000,000	2,000,000	2,000,000	2,500,000	500,000	4,500,000	13,500,000	100.0%	13,500,000
Air Release Valve & Vault Replacements Sewer Main Rehabilitation	190,397	100,241	0	0	0	0	0	2,500,000	0	2,790,638	0.0%	0
SCADA Integration & Control Panel Replacements for Minor Pump Stations (4) plus	0	18,780	0	0	0	0	0	750,000	5,000,000	5,768,780	0.0%	0
Hawthorn Pump Station Fencing - 1st Fence project	0	15,359	0	0	0	0	0	0	0	15,359	0.0%	0
Lower Marinwood Trunk Sewer M000.5 and MH M000.03 Access Road	0	0	0	0	0	0	0	0	0	0	0.0%	0
Marinwood HWY 101 Trunk Sewer MH M000.51 & M000.49 Access Road	0	0	0	0	0	0	0	0	0	0	0.0%	0
Contempo Marin MH N050.07 & Connection Improvement	7,350	55,498	0	0	0	0	0	0	0	62,848	0.0%	0
Total Collection System	\$406,421	\$551,853	\$4,289,848	\$4,816,176	\$3,380,000	\$4,820,000	\$8,785,000	\$5,585,000	\$10,585,000	\$43,239,795		\$23,708,048

Las Gallinas Valley Sanitary District
 Exhibit 4
 Development of Future Capital Improvements

Capital Improvement Project ⁽¹⁾	2021 CWIP	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	Total	% CFC(2)	\$ CFC
Reclamation												
Reclamation Pump Station Improvements	\$15,910	\$4,429	\$130,000	\$150,000	\$0	\$0	\$0	\$0	\$0	\$300,338	100.0%	\$300,338
St. Vincent's Pump Station Improvements	0	0	100,000	100,000	200,000	0	0	0	0	400,000	100.0%	400,000
Reclamation Pasture Irrigation System Assessment Study	0	0	45,000	0	0	45,000	0	0	0	90,000	100.0%	90,000
Miller Creek Vegetation Maintenance repair, maint.	105,907	47,340	75,000	75,000	0	0	0	0	0	303,247	0.0%	0
Solar PV System Replacement	0	0	300,000	0	0	0	0	0	0	300,000	100.0%	300,000
Reclamation Pond Diversion Boxes	0	0	175,000	0	0	0	0	0	0	175,000	100.0%	175,000
Reclamation Staging Area	0	0	60,000	0	0	0	0	0	0	60,000	100.0%	60,000
Sludge Lagoon Liner Replacement/Repair	0	0	75,000	75,000	75,000	75,000	0	0	0	300,000	0.0%	0
Storage Pond 1 Transfer Pipe Repair	0	0	0	100,000	0	0	0	0	0	100,000	0.0%	0
IWMP Reclamation Projects (Placeholder)	0	0	0	150,000	150,000	150,000	2,000,000	2,000,000	2,000,000	6,450,000	100.0%	6,450,000
Marsh Pond Vegetation Removal & Long-Term Vegetation Management Plan	375	833	0	0	0	0	0	0	0	1,208	0.0%	0
Reclamation Levee Capping - SLR mitigation	0	0	0	0	0	0	0	250,000	250,000	500,000	0.0%	0
Pond Security Fencing	375	0	0	0	0	0	0	0	200,000	200,375	0.0%	0
Center Pivot No. 2 Irrigation Pipe System	23,592	0	0	0	0	0	0	0	0	23,592	100.0%	23,592
Reclamation Shop Improvements	16,064	0	0	0	0	0	0	0	0	16,064	100.0%	16,064
Automated Gate for Reclamation Bridge	27,967	0	0	0	0	0	0	0	0	27,967	100.0%	27,967
WIP Recycled Water Improvements as of June 30, 2022	9,852,411	0	0	0	0	0	0	0	0	9,852,411	100.0%	9,852,411
Total Reclamation	\$10,042,601	\$52,602	\$960,000	\$650,000	\$425,000	\$270,000	\$2,000,000	\$2,250,000	\$2,450,000	\$19,100,202		\$17,695,373
Treatment Plant (Including Recycled Water)												
Plant Operations Control & Admin Building Design		\$238,854	\$1,525,000	\$221,775	\$0	\$0		\$0	\$0	\$1,985,629	0.0%	0
Digester Inspection & Coating Improvement		0	300,000	0	0	0		0	0	300,000	0.0%	0
Digester Room MCC #2 Upgrade Design & Construction	22,785	29,448	682,000	0	0	0		0	0	734,232	100.0%	734,232
Flow Equalization Basin Design and Construction	63,395	31,248	375,000	1,000,000	2,000,000	0		0	0	3,469,643	100.0%	3,469,643
Primary Clarifier #1 Repair		0	300,000	0	0	0		0	0	300,000	0.0%	0
Grit Chambers Coating & Auger Rebuild		494	300,000	0	0	0		0	0	300,494	100.0%	300,494
Annual Plant Paving at Various Locations	72,978	0	60,000	60,000	60,000	60,000	60,000	60,000	60,000	492,978	0.0%	0
Plant Lighting Improvements and Other Electrical Enhan.		0	50,000	150,000	0	0		0	0	200,000	0.0%	0
Misc Plant Equipment Demolition & Disposal	24,327	0	30,000	0	0	0		0	0	54,327	0.0%	0
Maintenance Shop & Locker Room Improvements		0	50,000	0	0	0		0	0	50,000	0.0%	0
Secondary Digester Piping Project			60,000	0	0	0		0	0	60,000	0.0%	0
BERS Tail Gas Piping		0	0	400,000	0	0		0	0	400,000	0.0%	0
Primary Clarifiers - Improvements		0	0	0	0	0	5,000,000	0	0	5,000,000	100.0%	5,000,000
Disinfection System Review and Upgrade Design		0	0	0	0	0	250,000	0	0	250,000	0.0%	0
Fixed Film Reactor Demolition		0	0	0	0	150,000	0	0	0	150,000	0.0%	0
IWMP Treatment Plant Projects (Placeholder)		0	0	250,000	2,000,000	2,000,000	5,000,000	5,000,000	5,000,000	19,250,000	100.0%	19,250,000
BERS Canopy (Biogas Equip CNG Fueling)		0	0	0	0	0	0	0	0	0	0.0%	0
Plant Operations Control & Admin Building - Site Evaluation and improvements	62,040	7,535	0	0	0	0	0	0	0	69,575	0.0%	0
Radio Antenna at Hawthorn Pump Station		0	0	0	0	0	0	0	0	0	0.0%	0
Sludge Thickener Structure Demolition	112,052	0	0	0	0	0	0	0	0	112,052	0.0%	0
Bioassay Tank Installation	29,040	0	0	0	0	0	0	0	0	29,040	0.0%	0
WWTP Upgrades - retention payoff Gregory Equipment	25,012	0	0	0	0	0	0	0	0	25,012	0.0%	0
Lab Cabinet Rehab for Dishwasher & Sink		0	0	0	0	0	0	0	0	0	0.0%	0
Carport & Paving Lab cancelled - USED FOR Paving Project 2020	41,530	0	0	0	0	0	0	0	0	41,530	0.0%	0
High Strength Waste Receiving Station	0	0	0	0	0	0	0	0	0	0	0.0%	0
Chemical Tanks Replacement & Eyewash Station		0	0	0	0	0	0	0	0	0	0.0%	0
WIP Secondary Treatment as of June 30, 2022	25,165,773	0	0	0	0	0	0	0	0	25,165,773	100.0%	25,165,773
WIP Secondary Treatment as of June 30, 2022	13,548,188	0	0	0	0	0	0	0	0	13,548,188	100.0%	13,548,188
Total Treatment Plant	\$39,167,119	\$307,577	\$3,732,000	\$2,081,775	\$4,060,000	\$2,210,000	\$10,310,000	\$5,060,000	\$5,060,000	\$71,988,471		\$67,468,329

Las Gallinas Valley Sanitary District
 Exhibit 4
 Development of Future Capital Improvements

Capital Improvement Project ⁽¹⁾	2021 CWIP	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	Total	% CFC(2)	\$ CFC
Financed Projects ⁽³⁾												
Secondary Treatment Plant Upgrade & Recycled Water Expan.	\$15,961,768	\$8,377,132	\$8,606,442	\$0	\$0	\$0	\$0	\$0	\$0	\$32,945,341	100.0%	\$32,945,341
Operations Control Center Building Construction & Soft Costs	0	0	3,000,000	3,000,000	24,000,000	0	0	0	0	30,000,000	100.0%	30,000,000
John Duckett Pump Station & HWY 101 Terra Linda TS Crossing Const.	0	0		6,000,000	6,000,000	0	0	0	0	12,000,000	100.0%	12,000,000
Total Financed Projects	\$15,961,768	\$8,377,132	\$11,606,442	\$9,000,000	\$30,000,000	\$0	\$0			\$74,945,341		\$74,945,341
Total Capital Improvement Projects	\$66,218,984	\$9,991,272	\$22,811,068	\$18,096,449	\$38,933,000	\$7,863,000	\$24,573,000			\$226,134,573		\$196,960,519
Project Type Summary												
PLANNING, SOFTWARE, & OTHER ENGINEERING	\$641,077	\$702,108	\$2,222,778	\$1,528,000	\$1,068,000	\$563,000	\$3,478,000			\$16,860,763		\$13,143,428
COLLECTION SYSTEM (INCL. PUMP STATIONS & FORCE MAINS)	406,421	551,853	4,289,848	4,836,674	3,380,000	4,820,000	8,785,000			43,239,795		23,708,048
RECLAMATION	10,042,601	52,602	960,000	650,000	425,000	270,000	2,000,000			19,100,202		17,695,373
TREATMENT PLANT (INCL. RECYCLED WATER)	39,167,119	307,577	3,732,000	2,081,775	4,060,000	2,210,000	10,310,000			71,988,471		67,468,329
FINANCED PROJECTS	15,961,768	8,377,132	11,606,442	9,000,000	30,000,000	0	0			74,945,341		74,945,341
Total Capital Projects	\$66,218,984	\$9,991,272	\$22,811,068	\$18,096,449	\$38,933,000	\$7,863,000	\$24,573,000			\$226,134,573		\$196,960,519

NOTES:

- (1) Las Gallinas Valley Sanitary District Capital Improvement Plan "2022-2023 Capital Budget 5-Year V7". 2021 CWIP, 2021-22 actual to date, 2022-23 - 2028-29 capital.
- (2) Percentage CFC eligible based on District input.
- (3) Financed projects from future debt. See Exhibit 2.

Las Gallinas Valley Sanitary District

Exhibit 5

Development of Equivalent Service Units For Year Ended June 30, 2019

Class of Service	Use Code	# of		Factor ⁽²⁾	ESUs
		Accounts	# of Units ⁽¹⁾		
Customer					
Single Family	1	8,150	8,150	1.0	8,150
Duplex	2	45	90	0.9	81
3 - 4 Units	3	68	259	0.9	233
5 - 9 Units	4	99	731	0.9	658
10+ Units	5	105	2,423	0.9	2,181
Non Residential		441	3,831		3,831
Hand Billed		92	1,117		1,117
Total		9,000	16,601		16,251
Projected Ultimate ESUs ⁽³⁾					20,651
Expansion ESUs ⁽³⁾					4,400

	Capacity			21.3%
	Average Day			
	MGD	Demand	Total ESUs	
Existing ERUs	2.32	200	16,251	
Future ERUs	<u>0.88</u>	200	<u>4,400</u>	
Total ERUs	3.20		20,651	

Notes:

- (1) Based on data from the utility billing system as of FY 2019.
- (2) Equivalent service unit factor from current rate study.
- (3) Based on 200 gpd/ESU and 3.2 MGD capacity; permit is at 2.99 but will be updated in 2025.

Las Gallinas Valley Sanitary District

Exhibit 6

Present and Calculated Sewer Capital Facilities Charge

Item	CFC - RCNLD Per ESU
Capital Facilities Charge (CFC)	
Calculated - Replacement Cost New Less Depreciation (RCNLD) ⁽¹⁾	\$8,189
Present Charge ⁽²⁾	<u>\$7,106</u>
Difference	\$1,083
 Additional Plumbing Fixture Units (PFU) in Excess of 20 PFUs	
Calculated - each PFU	\$409
Present - Each PFU	<u>\$355</u>
Difference	\$54

Notes:

(1) Based on "combined" methodology.

(2) District Present CFC as of Sept. 2022. Change per Equivalent Service Unit (ESU)

Las Gallinas Valley Sanitary District
Exhibit 7
Fixed Asset Listing as of June 2021

Sys ID	Class	Category Description	Contributed	Date Acquired	Total Cost	Total Accumulated Depreciation	ENR-CCI 7/1/2022 15,640 ENR Factor	Repl. Cost	% Depr.	% CFC (> \$5,000)	CFC Eligible Original Cost	Replacement Cost New (ENR)	Replacement Cost New (ENR) Less Depreciation
730	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1954	\$160,548	\$160,548	24.90	\$3,998,387	100%	100%	\$160,548	\$3,998,387	\$0
859	5501 - Collection System Lines/Manholes	Prior Years Subsurface Lines		7/1/1955	867,383	867,383	23.70	20,554,480	100%	100%	867,383	20,554,480	0
731	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1958	801,371	801,371	20.61	16,513,205	100%	100%	801,371	16,513,205	0
732	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1963	936,158	879,989	17.36	16,250,394	94%	100%	936,158	16,250,394	975,024
733	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1968	866,351	727,735	13.54	11,731,443	84%	100%	866,351	11,731,443	1,877,031
734	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1972	758,585	576,525	8.92	6,768,024	76%	100%	758,585	6,768,024	1,624,326
857	5552 - Facilities & Equip - Treatment	Prior 1977		7/1/1977	790,283	790,283	6.07	4,798,177	100%	100%	790,283	4,798,177	0
735	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1978	266,600	266,600	5.63	1,502,036	100%	100%	266,600	1,502,036	0
736	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1979	81,116	81,116	5.21	422,465	100%	100%	81,116	422,465	0
858	5552 - Facilities & Equip - Treatment	Prior 1979		7/1/1979	855,803	855,803	5.21	4,457,156	100%	100%	855,803	4,457,156	0
	5554 - Facilities & Equip - Admin	Jib Room		7/1/1980	456	456	4.83	2,202	100%	0%	0	0	0
599	5501 - Collection System Lines/Manholes	Black Cyn Subdivision		7/1/1981	400	400	4.42	1,770	100%	0%	0	0	0
737	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1982	315,679	315,679	4.09	1,290,785	100%	100%	315,679	1,290,785	0
892	5501 - Collection System Lines/Manholes	Ranch Rd Improv		7/1/1982	180,099	180,099	4.09	736,410	100%	100%	180,099	736,410	0
973	5551 - Collections Dept Equipment	Trash Pump		7/1/1982	842	842	4.09	3,443	100%	0%	0	0	0
738	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1983	260,893	260,893	3.85	1,003,541	100%	100%	260,893	1,003,541	0
813	5556 - Facilities & Equip - Pump Station	Mulligan Force Main		7/1/1983	125,135	125,135	3.85	481,338	100%	100%	125,135	481,338	0
963	5556 - Facilities & Equip - Pump Station	Terra Linda Force Main		7/1/1983	116,543	116,543	3.85	448,290	100%	100%	116,543	448,290	0
584	5501 - Collection System Lines/Manholes	Adrian & Garden Ave.		7/1/1984	34,267	34,267	3.77	129,265	100%	100%	34,267	129,265	0
739	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1984	246,625	246,625	3.77	930,352	100%	100%	246,625	930,352	0
606	5551 - Collections Dept Equipment	Built Rite Trailers		7/1/1984	2,321	2,321	3.77	8,755	100%	0%	0	0	0
740	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1985	164,000	164,000	3.73	611,437	100%	100%	164,000	611,437	0
979	5501 - Collection System Lines/Manholes	Underground Truck Lines -6		7/1/1985	2,818,044	2,818,044	3.73	10,506,434	100%	100%	2,818,044	10,506,434	0
825	5552 - Facilities & Equip - Treatment	New Plant Construction		7/1/1985	4,830,534	4,830,534	3.73	18,009,544	100%	100%	4,830,534	18,009,544	0
827	5552 - Facilities & Equip - Treatment	New Plant Construction		7/1/1985	4,186,451	4,186,451	3.73	15,608,226	100%	100%	4,186,451	15,608,226	0
715	5557 - Facilities & Equip - Reclamation	Kubota Tractor		7/1/1985	32,520	32,520	3.73	121,243	100%	0%	0	0	0
830	5553 - Facilities & Equip - Disposal	New Plant Construction		6/30/1986	3,457,069	3,457,069	3.64	12,588,801	100%	100%	3,457,069	12,588,801	0
741	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1986	748,080	748,080	3.64	2,724,109	100%	100%	748,080	2,724,109	0
980	5501 - Collection System Lines/Manholes	Underground Truck Lines		7/1/1986	29,930	29,930	3.64	108,989	100%	100%	29,930	108,989	0
660	5552 - Facilities & Equip - Treatment	Equipment Building		7/1/1986	50,244	50,244	3.64	182,963	100%	100%	50,244	182,963	0
826	5552 - Facilities & Equip - Treatment	New Plant Construction		7/1/1986	105,225	105,225	3.64	383,173	100%	100%	105,225	383,173	0
828	5552 - Facilities & Equip - Treatment	New Plant Construction		7/1/1986	89,636	89,636	3.64	326,407	100%	100%	89,636	326,407	0
823	5553 - Facilities & Equip - Disposal	New Plant Const		7/1/1986	5,854	5,854	3.64	21,319	100%	100%	5,854	21,319	0
829	5553 - Facilities & Equip - Disposal	New Plant Construction		7/1/1986	1,980,816	1,980,816	3.64	7,213,077	100%	100%	1,980,816	7,213,077	0
593	5554 - Facilities & Equip - Admin	Asphalt Rock Roof		7/1/1986	12,284	12,284	3.64	44,733	100%	100%	12,284	44,733	0
742	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1987	45,500	45,500	3.55	161,513	100%	100%	45,500	161,513	0
931	5501 - Collection System Lines/Manholes	Sewer Rehabilitation		7/1/1987	356,761	356,761	3.55	1,266,404	100%	100%	356,761	1,266,404	0
854	5551 - Collections Dept Equipment	Pre 87		7/1/1987	559,247	559,247	3.55	1,985,176	100%	100%	559,247	1,985,176	0
855	5551 - Collections Dept Equipment	Pre 87		7/1/1987	8,511	8,511	3.55	30,210	100%	100%	8,511	30,210	0
786	5552 - Facilities & Equip - Treatment	Misc Plant Improv		7/1/1987	5,859	5,859	3.55	20,796	100%	100%	5,859	20,796	0
788	5552 - Facilities & Equip - Treatment	Misc Plant Improvements		7/1/1987	6,877	6,877	3.55	24,413	100%	100%	6,877	24,413	0
777	5553 - Facilities & Equip - Disposal	Misc Effluent Disp Imp		7/1/1987	1,615	1,615	3.55	5,733	100%	0%	0	0	0
824	5553 - Facilities & Equip - Disposal	New Plant Constr		7/1/1987	3,588	3,588	3.55	12,737	100%	0%	0	0	0
879	5556 - Facilities & Equip - Pump Station	Pump Stn Fencing		7/1/1987	5,068	5,068	3.55	17,989	100%	100%	5,068	17,989	0
968	5557 - Facilities & Equip - Reclamation	Tractor Equipment		7/1/1987	3,750	3,750	3.55	13,313	100%	0%	0	0	0
743	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1988	1,021,000	1,021,000	3.46	3,533,645	100%	100%	1,021,000	3,533,645	0
789	5552 - Facilities & Equip - Treatment	Misc Plant Improvements		7/1/1988	1,935	1,935	3.46	6,698	100%	0%	0	0	0
790	5552 - Facilities & Equip - Treatment	Misc Plant Improvements		7/1/1988	1,649	1,649	3.46	5,706	100%	0%	0	0	0
675	5553 - Facilities & Equip - Disposal	Flo-Thru Bioassay		7/1/1988	18,289	18,289	3.46	63,297	100%	100%	18,289	63,297	0
779	5553 - Facilities & Equip - Disposal	Misc Effluent Disp Improv		7/1/1988	990	990	3.46	3,426	100%	0%	0	0	0
579	5554 - Facilities & Equip - Admin	A/C Kit		7/1/1988	2,008	2,008	3.46	6,950	100%	0%	0	0	0
653	5556 - Facilities & Equip - Pump Station	Duckett Pump Stn Improv		7/1/1988	1,240,233	1,240,233	3.46	4,292,403	100%	100%	1,240,233	4,292,403	0
684	5556 - Facilities & Equip - Pump Station	Gallinas Village Pmp Stn		7/1/1988	103,559	103,559	3.46	358,415	100%	100%	103,559	358,415	0
768	5556 - Facilities & Equip - Pump Station	Mclnns Pump Station		7/1/1988	92,076	92,076	3.46	318,671	100%	100%	92,076	318,671	0
877	5556 - Facilities & Equip - Pump Station	Pump Stn Alarm System		7/1/1988	2,838	2,838	3.46	9,823	100%	0%	0	0	0
610	5501 - Collection System Lines/Manholes	Cathodic Protection		7/1/1989	14,115	14,115	3.39	47,836	100%	100%	14,115	47,836	0
622	5501 - Collection System Lines/Manholes	Collection System Rehab		7/1/1989	292,990	292,990	3.39	992,934	100%	100%	292,990	992,934	0
744	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1989	1,106,100	1,106,100	3.39	3,748,541	100%	100%	1,106,100	3,748,541	0
985	5501 - Collection System Lines/Manholes	Venetia Hrb Sewer Rehab		7/1/1989	32,670	32,670	3.39	110,718	100%	100%	32,670	110,718	0
971	5552 - Facilities & Equip - Treatment	Trailer Mounted Pump		7/1/1989	2,801	2,801	3.39	9,492	100%	0%	0	0	0

Las Gallinas Valley Sanitary District
 Exhibit 7
 Fixed Asset Listing as of June 2021

Sys ID	Class	Category Description	Contributed	Date Acquired	Total Cost	Total Accumulated Depreciation	ENR-CCI	Repl. Cost	%	% CFC (> \$5,000)	CFC Eligible Original Cost	Replacement Cost New (ENR)	Replacement Cost New (ENR) Less Depreciation
							7/1/2022 15,640						
674	5553 - Facilities & Equip - Disposal	Flo-Thru Bioassay		7/1/1989	6,096	6,096	3.39	20,660	100%	100%	6,096	20,660	0
778	5553 - Facilities & Equip - Disposal	Misc Effluent Disp Imp		7/1/1989	2,215	2,215	3.39	7,505	100%	0%	0	0	0
780	5553 - Facilities & Equip - Disposal	Misc Effluent Disp Improv		7/1/1989	1,357	1,357	3.39	4,600	100%	0%	0	0	0
617	5556 - Facilities & Equip - Pump Station	Civic Center No Pump Stn	Contributed	7/1/1989	1,181,746	1,181,746	3.39	4,004,902	100%	100%	1,181,746	4,004,902	0
869	5556 - Facilities & Equip - Pump Station	Pump Station Alarm		7/1/1989	2,683	2,683	3.39	9,093	100%	0%	0	0	0
880	5556 - Facilities & Equip - Pump Station	Pump Stn San Raf Meadows		7/1/1989	509,835	509,835	3.39	1,727,816	100%	100%	509,835	1,727,816	0
745	5501 - Collection System Lines/Manholes	Mainline Extensions	Contributed	7/1/1990	46,500	46,500	3.31	153,691	100%	100%	46,500	153,691	0
852	5551 - Collections Dept Equipment	Portable Generator Consultin		7/1/1990	1,435	1,435	3.31	4,743	0%	0%	0	0	0
862	5551 - Collections Dept Equipment	Program Recorder		7/1/1990	2,153	2,153	3.31	7,116	100%	0%	0	0	0
913	5551 - Collections Dept Equipment	Rodding Machine		7/1/1990	17,755	17,755	3.31	58,683	100%	100%	17,755	58,683	0
614	5552 - Facilities & Equip - Treatment	Chlorine Analyzer		7/1/1990	9,440	9,440	3.31	31,202	100%	0%	0	0	0
676	5552 - Facilities & Equip - Treatment	Flood Protection Outfall		7/1/1990	192,853	192,853	3.31	637,413	100%	100%	192,853	637,413	0
849	5552 - Facilities & Equip - Treatment	Portable Generator		7/1/1990	1,938	1,938	3.31	6,404	100%	0%	0	0	0
865	5552 - Facilities & Equip - Treatment	Pump - Peninsula		7/1/1990	1,549	1,549	3.31	5,119	100%	0%	0	0	0
970	5552 - Facilities & Equip - Treatment	Trailer Mounted Generator		7/1/1990	16,065	16,065	3.31	53,099	100%	0%	0	0	0
686	5554 - Facilities & Equip - Admin	Gates		7/1/1990	1,075	1,075	3.31	3,553	100%	0%	0	0	0
682	5556 - Facilities & Equip - Pump Station	Gallinas Valley Pmp Stn		7/1/1990	532,724	532,724	3.31	1,760,747	100%	100%	532,724	1,760,747	0
794	5556 - Facilities & Equip - Pump Station	Misc Pump Station		7/1/1990	3,747	3,747	3.31	12,384	100%	0%	0	0	0
746	5501 - Collection System Lines/Manholes	Mainline Extensions		7/1/1991	148,700	148,700	3.23	481,010	100%	100%	148,700	481,010	0
748	5551 - Collections Dept Equipment	Manhole Lifters		7/1/1991	810	810	3.23	2,620	100%	0%	0	0	0
802	5552 - Facilities & Equip - Treatment	Misc Treatment Plant Imprv		7/1/1991	4,388	4,388	3.23	14,193	100%	0%	0	0	0
969	5552 - Facilities & Equip - Treatment	Tractor Forklift		7/1/1991	9,813	9,813	3.23	31,741	100%	0%	0	0	0
986	5552 - Facilities & Equip - Treatment	Vise		7/1/1991	521	521	3.23	1,685	100%	0%	0	0	0
591	5554 - Facilities & Equip - Admin	Aluminum Trailer		7/1/1991	1,099	1,099	3.23	3,556	100%	0%	0	0	0
647	5554 - Facilities & Equip - Admin	Disaster Improv		7/1/1991	31,783	31,783	3.23	102,809	100%	100%	31,783	102,809	0
711	5554 - Facilities & Equip - Admin	Jack/Dolly		7/1/1991	500	500	3.23	1,617	100%	0%	0	0	0
807	5554 - Facilities & Equip - Admin	Monitoring Equipment		7/1/1991	2,257	2,257	3.23	7,302	100%	0%	0	0	0
967	5554 - Facilities & Equip - Admin	Titration Amperometric		7/1/1991	1,664	1,664	3.23	5,383	100%	0%	0	0	0
759	5556 - Facilities & Equip - Pump Station	Marin Lagoon (9 Stations)	Contributed	7/1/1991	540,000	540,000	3.23	1,746,774	100%	100%	540,000	1,746,774	0
796	5556 - Facilities & Equip - Pump Station	Misc Pump Stn Rehab		7/1/1991	3,256	3,256	3.23	10,532	100%	0%	0	0	0
749	5551 - Collections Dept Equipment	Manhole Lifters		7/1/1992	11,160	11,160	3.14	35,014	100%	100%	11,160	35,014	0
750	5551 - Collections Dept Equipment	Manhole Lifters		7/1/1992	14,594	14,594	3.14	45,786	100%	100%	14,594	45,786	0
982	5551 - Collections Dept Equipment	Vactor		7/1/1992	95,507	95,507	3.14	299,646	100%	100%	95,507	299,646	0
613	5552 - Facilities & Equip - Treatment	Chessell 392		7/1/1992	2,848	2,848	3.14	8,934	100%	0%	0	0	0
643	5552 - Facilities & Equip - Treatment	Digester Imprvs		7/1/1992	5,090	5,090	3.14	15,970	100%	100%	5,090	15,970	0
803	5552 - Facilities & Equip - Treatment	Misc Treatment Plnt Improv		7/1/1992	26,118	26,118	3.14	81,942	100%	100%	26,118	81,942	0
808	5552 - Facilities & Equip - Treatment	Motor-op Auma		7/1/1992	3,164	3,164	3.14	9,926	100%	0%	0	0	0
847	5552 - Facilities & Equip - Treatment	Poly Cont Plt		7/1/1992	588	588	3.14	1,845	100%	0%	0	0	0
941	5552 - Facilities & Equip - Treatment	Sod Hydrox Leak		7/1/1992	36,628	36,628	3.14	114,917	100%	0%	0	0	0
954	5552 - Facilities & Equip - Treatment	Stormwater Pump Stn		7/1/1992	233,155	233,155	3.14	731,508	100%	100%	233,155	731,508	0
934	5553 - Facilities & Equip - Disposal	Sludge Pond		7/1/1992	2,185,606	2,185,606	3.14	6,857,192	100%	100%	2,185,606	6,857,192	0
950	5553 - Facilities & Equip - Disposal	St. Vincent's Pump Stn		7/1/1992	17,621	17,621	3.14	55,285	100%	100%	17,621	55,285	0
583	5554 - Facilities & Equip - Admin	Admn Bldg		7/1/1992	295,041	295,041	3.14	925,670	100%	100%	295,041	925,670	0
636	5554 - Facilities & Equip - Admin	Debris Body Wash		7/1/1992	2,767	2,767	3.14	8,681	100%	0%	0	0	0
839	5554 - Facilities & Equip - Admin	Phone Wires		7/1/1992	970	970	3.14	3,043	100%	0%	0	0	0
683	5501 - Collection System Lines/Manholes	Gallinas Village		7/1/1993	727,907	727,907	3.00	2,185,132	100%	100%	727,907	2,185,132	0
721	5501 - Collection System Lines/Manholes	Laurel Glen	Contributed	7/1/1993	70,000	70,000	3.00	210,136	100%	100%	70,000	210,136	0
964	5501 - Collection System Lines/Manholes	The Gables	Contributed	7/1/1993	36,500	36,500	3.00	109,571	100%	100%	36,500	109,571	0
965	5501 - Collection System Lines/Manholes	The Highlands	Contributed	7/1/1993	65,700	65,700	3.00	197,227	100%	100%	65,700	197,227	0
645	5552 - Facilities & Equip - Treatment	Digester Scum Pump		7/1/1993	500	500	3.00	1,501	100%	0%	0	0	0
704	5552 - Facilities & Equip - Treatment	Hypochlorite/Bisulfite Facility		7/1/1993	576,300	576,300	3.00	1,730,018	100%	100%	576,300	1,730,018	0
801	5552 - Facilities & Equip - Treatment	Misc Treatment Plant Improv		7/1/1993	16,190	16,190	3.00	48,602	100%	100%	16,190	48,602	0
958	5552 - Facilities & Equip - Treatment	Tank		7/1/1993	2,555	2,555	3.00	7,669	100%	0%	0	0	0
604	5553 - Facilities & Equip - Disposal	Break at Ponds		7/1/1993	13,977	13,977	3.00	41,959	100%	100%	13,977	41,959	0
634	5553 - Facilities & Equip - Disposal	Culvert		7/1/1993	2,000	2,000	3.00	6,004	100%	0%	0	0	0
781	5553 - Facilities & Equip - Disposal	Misc Effluent Disp Improv		7/1/1993	5,360	5,360	3.00	16,092	100%	100%	5,360	16,092	0
966	5553 - Facilities & Equip - Disposal	Tidegate		7/1/1993	1,047	1,047	3.00	3,142	100%	0%	0	0	0
588	5554 - Facilities & Equip - Admin	Air Conditioning Unit		7/1/1993	3,849	3,849	3.00	11,554	100%	0%	0	0	0
831	5556 - Facilities & Equip - Pump Station	Northgate Pump Stn		7/1/1993	202,094	202,094	3.00	606,674	100%	100%	202,094	606,674	0
936	5556 - Facilities & Equip - Pump Station	Smith Ranch Pump Station		7/1/1993	417,607	417,607	3.00	1,253,629	100%	100%	417,607	1,253,629	0

Las Gallinas Valley Sanitary District
Exhibit 7
Fixed Asset Listing as of June 2021

Sys ID	Class	Category Description	Contributed	Date Acquired	Total Cost	Total Accumulated Depreciation	ENR-CCI 7/1/2022 15,640 ENR Factor	Repl. Cost	% Depr.	% CFC (> \$5,000)	CFC Eligible Original Cost	Replacement Cost New (ENR)	Replacement Cost New (ENR) Less Depreciation
972	5557 - Facilities & Equip - Reclamation	Trailer Sprayer		7/1/1993	1,662	1,662	3.00	4,990	100%	0%	0	0	0
569	5501 - Collection System Lines/Manholes	10 Summit Road	Contributed	7/1/1994	8,790	3,153	2.89	25,421	36%	100%	8,790	25,421	16,303
575	5501 - Collection System Lines/Manholes	3 Sunny Oaks Storm Drain		7/1/1994	3,981	3,981	2.89	11,513	100%	0%	0	0	0
577	5501 - Collection System Lines/Manholes	40 Bayhills	Contributed	7/1/1994	8,768	8,768	2.89	25,357	100%	100%	8,768	25,357	0
585	5501 - Collection System Lines/Manholes	Adrian Terrace	Contributed	7/1/1994	55,430	55,430	2.89	160,305	100%	100%	55,430	160,305	0
656	5501 - Collection System Lines/Manholes	Ellen Way Manhole		7/1/1994	1,531	1,531	2.89	4,429	100%	0%	0	0	0
685	5501 - Collection System Lines/Manholes	Golden Court Manhole		7/1/1994	971	971	2.89	2,807	100%	0%	0	0	0
816	5501 - Collection System Lines/Manholes	N. Circle Road		7/1/1994	427,471	427,471	2.89	1,236,260	100%	100%	427,471	1,236,260	0
897	5501 - Collection System Lines/Manholes	Redwood Bl Manhole		7/1/1994	713	713	2.89	2,063	100%	0%	0	0	0
751	5551 - Collections Dept Equipment	Manhole Lifters		7/1/1994	1,275	1,275	2.89	3,687	100%	0%	0	0	0
754	5551 - Collections Dept Equipment	Manhole Lifters (City of SR)		7/1/1994	12,604	12,604	2.89	36,451	100%	100%	12,604	36,451	0
574	5552 - Facilities & Equip - Treatment	20HP Baldor Motor		7/1/1994	597	597	2.89	1,725	100%	0%	0	0	0
580	5552 - Facilities & Equip - Treatment	AC Voltage Hour Meter		7/1/1994	725	725	2.89	2,098	100%	0%	0	0	0
582	5552 - Facilities & Equip - Treatment	Adapter Flange (Dorr-Oliver)		7/1/1994	2,175	2,175	2.89	6,291	100%	0%	0	0	0
624	5552 - Facilities & Equip - Treatment	Composite Sampler		7/1/1994	2,829	2,829	2.89	8,182	100%	0%	0	0	0
681	5552 - Facilities & Equip - Treatment	Fuel Storage Tanks		7/1/1994	109,063	109,063	2.89	315,413	100%	100%	109,063	315,413	0
696	5552 - Facilities & Equip - Treatment	Grundfos Pump & Motor		7/1/1994	1,449	1,449	2.89	4,191	100%	0%	0	0	0
697	5552 - Facilities & Equip - Treatment	Grundfos Pump (Peninsula)		7/1/1994	654	654	2.89	1,893	100%	0%	0	0	0
705	5552 - Facilities & Equip - Treatment	Hypochlorite/Bisulfite Facility		7/1/1994	20,698	20,698	2.89	59,860	100%	100%	20,698	59,860	0
797	5552 - Facilities & Equip - Treatment	Misc Pump Stn Rehab		7/1/1994	4,410	4,410	2.89	12,754	100%	0%	0	0	0
800	5552 - Facilities & Equip - Treatment	Misc Treatment Plant Improv		7/1/1994	14,241	14,241	2.89	41,187	100%	100%	14,241	41,187	0
868	5552 - Facilities & Equip - Treatment	Pump Chamber (Dorr-Oliver)		7/1/1994	2,777	2,777	2.89	8,032	100%	0%	0	0	0
908	5552 - Facilities & Equip - Treatment	Retrofit Group Analyzer		7/1/1994	2,118	2,118	2.89	6,126	100%	0%	0	0	0
991	5552 - Facilities & Equip - Treatment	Winch,Tripod, Block		7/1/1994	1,639	1,639	2.89	4,740	100%	0%	0	0	0
767	5553 - Facilities & Equip - Disposal	Marsh Pond Erosion Project		7/1/1994	16,281	16,281	2.89	47,086	100%	100%	16,281	47,086	0
951	5553 - Facilities & Equip - Disposal	St. Vincents Pump Station		7/1/1994	7,865	7,865	2.89	22,747	100%	100%	7,865	22,747	0
989	5553 - Facilities & Equip - Disposal	Well Installation		7/1/1994	17,161	17,161	2.89	49,629	100%	100%	17,161	49,629	0
668	5554 - Facilities & Equip - Admin	File Cabinet		7/1/1994	622	622	2.89	1,799	100%	0%	0	0	0
637	5556 - Facilities & Equip - Pump Station	Descanso Pump Stn		7/1/1994	278,441	278,441	2.89	805,261	100%	100%	278,441	805,261	0
814	5556 - Facilities & Equip - Pump Station	Mulligan Pump Station		7/1/1994	51,987	51,987	2.89	150,349	100%	100%	51,987	150,349	0
602	5557 - Facilities & Equip - Reclamation	Boat - Reclamation		7/1/1994	858	858	2.89	2,481	100%	0%	0	0	0
623	5551 - Collections Dept Equipment	Completed Construction		7/1/1995	45,655	45,655	2.86	130,515	100%	100%	45,655	130,515	0
752	5551 - Collections Dept Equipment	Manhole Lifters		7/1/1995	456,838	456,838	2.86	1,305,974	100%	100%	456,838	1,305,974	0
840	5551 - Collections Dept Equipment	Pipe Locator		7/1/1995	1,958	1,958	2.86	5,599	100%	0%	0	0	0
570	5552 - Facilities & Equip - Treatment	110' Rotary Distributor		7/1/1995	26,628	26,628	2.86	76,121	100%	100%	26,628	76,121	0
571	5552 - Facilities & Equip - Treatment	150' Rotary Distributor		7/1/1995	33,136	33,136	2.86	94,727	100%	100%	33,136	94,727	0
616	5552 - Facilities & Equip - Treatment	Circular Chart Recorder		7/1/1995	1,469	1,469	2.86	4,199	100%	0%	0	0	0
	5552 - Facilities & Equip - Treatment	Culligan Everpure 3500		7/1/1995	751	751	2.86	2,146	100%	0%	0	0	0
646	5552 - Facilities & Equip - Treatment	Digester, Biofilter Sludge		7/1/1995	13,540	13,540	2.86	38,707	100%	100%	13,540	38,707	0
692	5552 - Facilities & Equip - Treatment	GM Module		7/1/1995	612	612	2.86	1,748	100%	0%	0	0	0
	5552 - Facilities & Equip - Treatment	Grit Washer		7/1/1995	45,045	45,045	2.86	128,771	100%	0%	0	0	0
703	5552 - Facilities & Equip - Treatment	HP Lawn Mower		7/1/1995	3,212	3,212	2.86	9,183	100%	0%	0	0	0
706	5552 - Facilities & Equip - Treatment	Hypochlorite/Bisulfite Facility		7/1/1995	160,221	160,221	2.86	458,028	100%	100%	160,221	458,028	0
722	5552 - Facilities & Equip - Treatment	Ledex Rotary Switch		7/1/1995	23,302	23,302	2.86	66,614	100%	0%	0	0	0
770	5552 - Facilities & Equip - Treatment	Mercury Tester		7/1/1995	5,474	5,474	2.86	15,648	100%	0%	0	0	0
772	5552 - Facilities & Equip - Treatment	Meter & Probe		7/1/1995	2,001	2,001	2.86	5,721	100%	0%	0	0	0
773	5552 - Facilities & Equip - Treatment	Meter Relocation		7/1/1995	3,706	3,706	2.86	10,595	100%	0%	0	0	0
836	5552 - Facilities & Equip - Treatment	Parking Lot Light		7/1/1995	2,780	2,780	2.86	7,946	100%	0%	0	0	0
850	5552 - Facilities & Equip - Treatment	Portable Generator		7/1/1995	833	833	2.86	2,382	100%	0%	0	0	0
891	5552 - Facilities & Equip - Treatment	Rake Classifier		7/1/1995	3,525	3,525	2.86	10,077	100%	0%	0	0	0
909	5552 - Facilities & Equip - Treatment	Retrofit Micro 2000 Analyzer		7/1/1995	2,312	2,312	2.86	6,609	100%	0%	0	0	0
911	5552 - Facilities & Equip - Treatment	Robey Pump Engine		7/1/1995	985	985	2.86	2,816	100%	0%	0	0	0
918	5552 - Facilities & Equip - Treatment	Sampler, Probe, Hammer		7/1/1995	801	801	2.86	2,291	100%	0%	0	0	0
983	5552 - Facilities & Equip - Treatment	Valve		7/1/1995	4,361	4,361	2.86	12,465	100%	0%	0	0	0
990	5552 - Facilities & Equip - Treatment	WEMCO Pump		7/1/1995	5,062	5,062	2.86	14,471	100%	100%	5,062	14,471	0
611	5554 - Facilities & Equip - Admin	Chairs/Table		7/1/1995	354	354	2.86	1,012	100%	0%	0	0	0
669	5554 - Facilities & Equip - Admin	File Cabinet		7/1/1995	622	622	2.86	1,778	100%	0%	0	0	0
718	5554 - Facilities & Equip - Admin	Laminator		7/1/1995	307	307	2.86	876	100%	0%	0	0	0
961	5554 - Facilities & Equip - Admin	Television & VCR		7/1/1995	682	682	2.86	1,950	100%	0%	0	0	0
987	5554 - Facilities & Equip - Admin	Voysystem		7/1/1995	4,065	4,065	2.86	11,621	100%	0%	0	0	0

Las Gallinas Valley Sanitary District
 Exhibit 7
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761	5556 - Facilities & Equip - Pump Station	Marinwood Pump Station		7/1/1995	7,510	7,510	2.86	21,468	100%	100%	7,510	21,468	0
815	5556 - Facilities & Equip - Pump Station	Mulligan Pump Station		7/1/1995	43,495	43,495	2.86	124,340	100%	100%	43,495	124,340	0
724	5501 - Collection System Lines/Manholes	Los Ranchitos A.D.	Contributed	7/1/1996	1,328,556	1,328,556	2.78	3,697,287	100%	100%	1,328,556	3,697,287	0
725	5501 - Collection System Lines/Manholes	Los Ranchitos A.D.	Contributed	7/1/1996	586,902	586,902	2.78	1,633,311	100%	100%	586,902	1,633,311	0
648	5552 - Facilities & Equip - Treatment	Discharge Hose		7/1/1996	1,399	1,399	2.78	3,892	100%	0%	0	0	0
689	5552 - Facilities & Equip - Treatment	Generator		7/1/1996	32,047	32,047	2.78	89,185	100%	0%	0	0	0
693	5552 - Facilities & Equip - Treatment	Gorman Rupp Trash Pump		7/1/1996	10,189	10,189	2.78	28,355	100%	100%	10,189	28,355	0
804	5552 - Facilities & Equip - Treatment	Misc Treatment Plnt Improv		7/1/1996	44,975	44,975	2.78	125,163	100%	100%	44,975	125,163	0
978	5552 - Facilities & Equip - Treatment	Ultrasonic Transmitter		7/1/1996	2,279	2,279	2.78	6,342	100%	0%	0	0	0
782	5553 - Facilities & Equip - Disposal	Misc Effluent Disp Improv		7/1/1996	1,024	1,024	2.78	2,849	100%	0%	0	0	0
833	5553 - Facilities & Equip - Disposal	Outfall Pipe		7/1/1996	6,820	6,820	2.78	18,979	100%	100%	6,820	18,979	0
910	5553 - Facilities & Equip - Disposal	Rip Rap Pond Levee		7/1/1996	850	850	2.78	2,365	100%	0%	0	0	0
935	5553 - Facilities & Equip - Disposal	Sludge Pond		7/1/1996	11,302	11,302	2.78	31,452	100%	100%	11,302	31,452	0
5554	Facilities & Equip - Admin	Sampler		7/1/1996	1,548	1,548	2.78	4,307	100%	0%	0	0	0
762	5556 - Facilities & Equip - Pump Station	Marinwood Pump Station		7/1/1996	706,979	706,979	2.78	1,967,477	100%	100%	706,979	1,967,477	0
726	5501 - Collection System Lines/Manholes	Los Ranchitos A.D.	Contributed	7/1/1997	153,328	153,328	2.68	411,614	100%	100%	153,328	411,614	0
755	5501 - Collection System Lines/Manholes	Manhole Repair		7/1/1997	3,981	3,981	2.68	10,686	100%	0%	0	0	0
756	5501 - Collection System Lines/Manholes	Manhole Repair		7/1/1997	10,661	10,661	2.68	28,621	100%	0%	0	0	0
927	5501 - Collection System Lines/Manholes	Sewer Line Rehab		7/1/1997	591,292	591,292	2.68	1,587,343	100%	100%	591,292	1,587,343	0
928	5501 - Collection System Lines/Manholes	Sewer Main Replacement		7/1/1997	3,483	3,483	2.68	9,349	100%	0%	0	0	0
596	5551 - Collections Dept Equipment	Backflow Valve		7/1/1997	1,083	1,083	2.68	2,908	100%	0%	0	0	0
600	5551 - Collections Dept Equipment	Block Header Assembly		7/1/1997	1,092	1,092	2.68	2,930	100%	0%	0	0	0
712	5551 - Collections Dept Equipment	Jacuzzi/Cover Sump Pump		7/1/1997	1,190	1,190	2.68	3,195	100%	0%	0	0	0
753	5551 - Collections Dept Equipment	Manhole Lifters		7/1/1997	27,414	27,414	2.68	73,594	100%	100%	27,414	73,594	0
625	5552 - Facilities & Equip - Treatment	Conduit, Elect Installation		7/1/1997	1,958	1,958	2.68	5,257	100%	0%	0	0	0
640	5552 - Facilities & Equip - Treatment	Dezurik Plug Valves		7/1/1997	2,250	2,250	2.68	6,041	100%	0%	0	0	0
641	5552 - Facilities & Equip - Treatment	Digester Cleaning		7/1/1997	403,984	403,984	2.68	1,084,510	100%	100%	403,984	1,084,510	0
644	5552 - Facilities & Equip - Treatment	Digester Pipe Replacement		7/1/1997	2,150	2,150	2.68	5,771	100%	0%	0	0	0
662	5552 - Facilities & Equip - Treatment	Exhaust Piping		7/1/1997	1,050	1,050	2.68	2,819	100%	0%	0	0	0
791	5552 - Facilities & Equip - Treatment	Misc Plant Improvements		7/1/1997	97,909	97,909	2.68	262,840	100%	100%	97,909	262,840	0
861	5552 - Facilities & Equip - Treatment	Production Drill Press		7/1/1997	1,040	1,040	2.68	2,793	100%	0%	0	0	0
905	5552 - Facilities & Equip - Treatment	Repl Damaged Piping		7/1/1997	1,265	1,265	2.68	3,396	100%	0%	0	0	0
926	5552 - Facilities & Equip - Treatment	Separator Assembly		7/1/1997	2,166	2,166	2.68	5,816	100%	0%	0	0	0
933	5552 - Facilities & Equip - Treatment	Sludge Line Replacement		7/1/1997	14,097	14,097	2.68	37,843	100%	100%	14,097	37,843	0
992	5552 - Facilities & Equip - Treatment	Wiring		7/1/1997	1,153	1,153	2.68	3,094	100%	0%	0	0	0
628	5553 - Facilities & Equip - Disposal	Connection Box		7/1/1997	2,036	2,036	2.68	5,465	100%	0%	0	0	0
654	5553 - Facilities & Equip - Disposal	Electrical Improvements		7/1/1997	3,277	3,277	2.68	8,797	100%	0%	0	0	0
661	5553 - Facilities & Equip - Disposal	Erosion Control		7/1/1997	3,113	3,113	2.68	8,357	100%	0%	0	0	0
687	5553 - Facilities & Equip - Disposal	Gear Bix & Diaphragm		7/1/1997	1,795	1,795	2.68	4,819	100%	0%	0	0	0
708	5553 - Facilities & Equip - Disposal	Influent Bar Screen		7/1/1997	237,012	237,012	2.68	636,266	100%	100%	237,012	636,266	0
783	5553 - Facilities & Equip - Disposal	Misc Effluent Disp Improv		7/1/1997	29,923	29,923	2.68	80,329	100%	100%	29,923	80,329	0
817	5553 - Facilities & Equip - Disposal	Nelson SR 100		7/1/1997	14,523	14,523	2.68	38,987	100%	100%	14,523	38,987	0
953	5553 - Facilities & Equip - Disposal	Storm Water Outflow repair		7/1/1997	4,303	4,303	2.68	11,553	100%	0%	0	0	0
988	5553 - Facilities & Equip - Disposal	Water Line Repair		7/1/1997	1,845	1,845	2.68	4,953	100%	0%	0	0	0
5554	Facilities & Equip - Admin	Oxygen Pump & Calibration		7/1/1997	1,733	1,733	2.68	4,653	100%	0%	0	0	0
896	5554 - Facilities & Equip - Admin	Recording Equipment		7/1/1997	769	769	2.68	2,064	100%	0%	0	0	0
763	5556 - Facilities & Equip - Pump Station	Marinwood Pump Station		7/1/1997	43,521	43,521	2.68	116,834	100%	100%	43,521	116,834	0
795	5556 - Facilities & Equip - Pump Station	Misc Pump Station Rehab		7/1/1997	35,557	35,557	2.68	95,453	100%	100%	35,557	95,453	0
698	5501 - Collection System Lines/Manholes	Hickory/Hyacynth Sewer Rep		7/1/1998	2,596	2,596	2.64	6,858	100%	0%	0	0	0
727	5501 - Collection System Lines/Manholes	Los Ranchitos A.D.	Contributed	7/1/1998	31,135	31,135	2.64	82,256	100%	100%	31,135	82,256	0
729	5501 - Collection System Lines/Manholes	Lower Sunny Oak - Sewer		7/1/1998	4,000	4,000	2.64	10,568	100%	0%	0	0	0
757	5501 - Collection System Lines/Manholes	Manhole Repair		7/1/1998	5,429	5,429	2.64	14,344	100%	0%	0	0	0
904	5501 - Collection System Lines/Manholes	Rehab. Repair Sewer		7/1/1998	2,945	2,945	2.64	7,780	100%	0%	0	0	0
929	5501 - Collection System Lines/Manholes	Sewer Rehabilitation		7/1/1998	133,615	133,615	2.64	352,999	100%	100%	133,615	352,999	0
598	5551 - Collections Dept Equipment	Battery Bank		7/1/1998	1,922	1,922	2.64	5,078	100%	0%	0	0	0
615	5551 - Collections Dept Equipment	Choke Assembly		7/1/1998	1,403	1,403	2.64	3,706	100%	0%	0	0	0
956	5551 - Collections Dept Equipment	Sump Pump		7/1/1998	1,080	1,080	2.64	2,853	100%	0%	0	0	0
576	5552 - Facilities & Equip - Treatment	3126 Motor, 3102 Pump		7/1/1998	3,462	3,462	2.64	9,146	100%	0%	0	0	0
581	5552 - Facilities & Equip - Treatment	Adapter Flange		7/1/1998	2,220	2,220	2.64	5,865	100%	0%	0	0	0
626	5552 - Facilities & Equip - Treatment	Conduits		7/1/1998	1,814	1,814	2.64	4,793	100%	0%	0	0	0

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638	5552 - Facilities & Equip - Treatment	Design & Construction Serv		7/1/1998	38,114	38,114	2.64	100,693	100%	100%	38,114	100,693	0
667	5552 - Facilities & Equip - Treatment	Fence posts		7/1/1998	1,578	1,578	2.64	4,169	100%	0%	0	0	0
672	5552 - Facilities & Equip - Treatment	Flanges, Parts		7/1/1998	628	628	2.64	1,659	100%	0%	0	0	0
673	5552 - Facilities & Equip - Treatment	Flg RQ Gate Valves		7/1/1998	3,019	3,019	2.64	7,975	100%	0%	0	0	0
792	5552 - Facilities & Equip - Treatment	Misc Plant Improvements		7/1/1998	306,833	306,833	2.64	810,625	100%	100%	306,833	810,625	0
810	5552 - Facilities & Equip - Treatment	Motor (H314-7.5HP)		7/1/1998	805	805	2.64	2,127	100%	0%	0	0	0
860	5552 - Facilities & Equip - Treatment	Probe Unit		7/1/1998	2,163	2,163	2.64	5,714	100%	0%	0	0	0
863	5552 - Facilities & Equip - Treatment	PSI Gauge		7/1/1998	928	928	2.64	2,451	100%	0%	0	0	0
867	5552 - Facilities & Equip - Treatment	Pump Chamber		7/1/1998	2,833	2,833	2.64	7,485	100%	0%	0	0	0
914	5552 - Facilities & Equip - Treatment	Rotor 4x4 PP		7/1/1998	2,615	2,615	2.64	6,909	100%	0%	0	0	0
917	5552 - Facilities & Equip - Treatment	Sampler Equipment		7/1/1998	3,931	3,931	2.64	10,384	100%	0%	0	0	0
945	5552 - Facilities & Equip - Treatment	Spare Motor - Filter Pumps		7/1/1998	544	544	2.64	1,437	100%	0%	0	0	0
946	5552 - Facilities & Equip - Treatment	SS Brackets		7/1/1998	865	865	2.64	2,285	100%	0%	0	0	0
952	5552 - Facilities & Equip - Treatment	Startup Flo Screen		7/1/1998	1,400	1,400	2.64	3,699	100%	0%	0	0	0
955	5552 - Facilities & Equip - Treatment	Stuffing Box, Seal, Ring		7/1/1998	5,001	5,001	2.64	13,213	100%	100%	5,001	13,213	0
607	5553 - Facilities & Equip - Disposal	Bus Stab Assembly		7/1/1998	1,327	1,327	2.64	3,506	100%	0%	0	0	0
630	5553 - Facilities & Equip - Disposal	Converter & Cables		7/1/1998	3,067	3,067	2.64	8,103	100%	0%	0	0	0
723	5553 - Facilities & Equip - Disposal	Level Controller		7/1/1998	676	676	2.64	1,786	100%	0%	0	0	0
784	5553 - Facilities & Equip - Disposal	Misc Effluent Disp Improv		7/1/1998	7,076	7,076	2.64	18,695	100%	100%	7,076	18,695	0
809	5553 - Facilities & Equip - Disposal	Motor & Gearbox		7/1/1998	3,440	3,440	2.64	9,089	100%	0%	0	0	0
900	5554 - Facilities & Equip - Admin	Refrigerator(w/warranty)		7/1/1998	533	533	2.64	1,407	100%	0%	0	0	0
977	5554 - Facilities & Equip - Admin	Two Lateral File Cabinets		7/1/1998	1,072	1,072	2.64	2,833	100%	0%	0	0	0
798	5556 - Facilities & Equip - Pump Station	Misc Pump Stn Rehab		7/1/1998	69,400	69,400	2.64	183,348	100%	100%	69,400	183,348	0
728	5501 - Collection System Lines/Manholes	Los Ranchitos A.D.	Contributed	7/1/1999	6,643	6,643	2.58	17,148	100%	100%	6,643	17,148	0
885	5501 - Collection System Lines/Manholes	Raise Manholes		7/1/1999	38,721	38,721	2.58	99,949	100%	100%	38,721	99,949	0
901	5501 - Collection System Lines/Manholes	Rehab Elda		7/1/1999	3,488	3,488	2.58	9,003	100%	0%	0	0	0
930	5501 - Collection System Lines/Manholes	Sewer Rehab-Gallinas Vlg		7/1/1999	1,218,232	1,218,232	2.58	3,144,624	100%	100%	1,218,232	3,144,624	0
981	5501 - Collection System Lines/Manholes	Univ Forks		7/1/1999	634	634	2.58	1,637	100%	0%	0	0	0
680	5551 - Collections Dept Equipment	Foxboro Converter		7/1/1999	2,575	2,575	2.58	6,647	100%	0%	0	0	0
747	5551 - Collections Dept Equipment	Manhole Cover Lifter		7/1/1999	608	608	2.58	1,569	100%	0%	0	0	0
902	5551 - Collections Dept Equipment	Rehab Rodder Pump		7/1/1999	2,038	2,038	2.58	5,260	100%	0%	0	0	0
923	5551 - Collections Dept Equipment	Scotty's Market Manhole		7/1/1999	5,275	5,275	2.58	13,616	100%	100%	5,275	13,616	0
589	5552 - Facilities & Equip - Treatment	Air Diaphragm		7/1/1999	703	703	2.58	1,816	100%	0%	0	0	0
597	5552 - Facilities & Equip - Treatment	Barnes/Jacuzzi Pumps		7/1/1999	1,170	1,170	2.58	3,021	100%	0%	0	0	0
603	5552 - Facilities & Equip - Treatment	Bottom Cone Selection		7/1/1999	805	805	2.58	2,078	100%	0%	0	0	0
631	5552 - Facilities & Equip - Treatment	Core & Gaskets		7/1/1999	912	912	2.58	2,353	100%	0%	0	0	0
639	5552 - Facilities & Equip - Treatment	Design & Construction Serv		7/1/1999	2,772	2,772	2.58	7,156	100%	0%	0	0	0
655	5552 - Facilities & Equip - Treatment	Electrodes & Oxygen Cells		7/1/1999	696	696	2.58	1,796	100%	0%	0	0	0
695	5552 - Facilities & Equip - Treatment	Grundfos Pump		7/1/1999	2,003	2,003	2.58	5,170	100%	0%	0	0	0
699	5552 - Facilities & Equip - Treatment	High Flow Alarm		7/1/1999	1,060	1,060	2.58	2,736	100%	0%	0	0	0
714	5552 - Facilities & Equip - Treatment	Keypad & Transmitter		7/1/1999	810	810	2.58	2,091	100%	0%	0	0	0
793	5552 - Facilities & Equip - Treatment	Misc Plant Improvements		7/1/1999	6,199	6,199	2.58	16,001	100%	100%	6,199	16,001	0
881	5552 - Facilities & Equip - Treatment	Purification Kit		7/1/1999	644	644	2.58	1,662	100%	0%	0	0	0
957	5552 - Facilities & Equip - Treatment	System 4-Port		7/1/1999	663	663	2.58	1,710	100%	0%	0	0	0
959	5553 - Facilities & Equip - Disposal	Tapping Sleeve		7/1/1999	568	568	2.58	1,467	100%	0%	0	0	0
632	5554 - Facilities & Equip - Admin	Coring Entrance Rode		7/1/1999	825	825	2.58	2,130	100%	0%	0	0	0
975	5554 - Facilities & Equip - Admin	Tresch Elect Equipment		7/1/1999	33,728	33,728	2.58	87,062	100%	100%	33,728	87,062	0
671	5555 - Facilities & Equip - Lab	Fisher Scientific		7/1/1999	1,327	1,327	2.58	3,426	100%	0%	0	0	0
907	5555 - Facilities & Equip - Lab	Restroom, Lab, Interp Ctr		7/1/1999	10,339	10,339	2.58	26,688	100%	0%	0	0	0
903	5551 - Collections Dept Equipment	Rehab Rodder Pump		7/1/2000	2,069	2,069	2.51	5,202	100%	0%	0	0	0
572	5552 - Facilities & Equip - Treatment	1997 Ford F250 Truck		7/1/2000	15,991	15,991	2.51	40,203	100%	0%	0	0	0
586	5552 - Facilities & Equip - Treatment	Advanced Engin Equip		7/1/2000	5,814	5,814	2.51	14,616	100%	100%	5,814	14,616	0
701	5552 - Facilities & Equip - Treatment	Honor Farm Road Improv		7/1/2000	67,290	67,290	2.51	169,171	100%	100%	67,290	169,171	0
915	5552 - Facilities & Equip - Treatment	RV & Assoc Equip		7/1/2000	1,188	1,188	2.51	2,987	100%	0%	0	0	0
635	5554 - Facilities & Equip - Admin	DCV Consulting for Proj		7/1/2000	454	454	2.51	1,141	100%	0%	0	0	0
819	5555 - Facilities & Equip - Lab	New Lab Building		7/1/2000	459,278	459,278	2.51	1,154,662	100%	0%	0	0	0
947	5556 - Facilities & Equip - Pump Station	St. Vincent's Pump Station		6/30/2001	4,381	4,381	2.47	10,819	100%	0%	0	0	0
948	5556 - Facilities & Equip - Pump Station	St. Vincent's Pump Station		6/30/2001	129,593	129,593	2.47	319,995	100%	100%	129,593	319,995	0
700	5552 - Facilities & Equip - Treatment	High Flow Alarm		7/1/2001	45,498	45,498	2.47	112,346	100%	100%	45,498	112,346	0
702	5552 - Facilities & Equip - Treatment	Honor Farm Road Improv		7/1/2001	7,068	7,068	2.47	17,452	100%	100%	7,068	17,452	0

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787	5552 - Facilities & Equip - Treatment	Misc Plant Improv		7/1/2001	90,628	90,628	2.47	223,781	100%	100%	90,628	223,781	0
820	5552 - Facilities & Equip - Treatment	New Lab Building		7/1/2001	2,139	2,139	2.47	5,281	100%	0%	0	0	0
587	5554 - Facilities & Equip - Admin	AED Unit & Accessories		7/1/2001	3,760	3,760	2.47	9,284	100%	0%	0	0	0
	5554 - Facilities & Equip - Admin	Misc Plant Improv-Dual Sn		7/1/2001	10,581	10,581	2.47	26,127	100%	0%	0	0	0
822	5554 - Facilities & Equip - Admin	New Phones		7/1/2001	7,325	7,325	2.47	18,087	100%	0%	0	0	0
886	5501 - Collection System Lines/Manholes	Raise Manholes		6/30/2002	15,350	15,350	2.39	36,720	100%	0%	0	0	0
799	5556 - Facilities & Equip - Pump Station	Misc Pump Stn Rehab		6/30/2002	12,644	12,644	2.39	30,246	100%	100%	12,644	30,246	0
949	5556 - Facilities & Equip - Pump Station	St. Vincent's Pump Station		6/30/2002	3,263	3,263	2.39	7,806	100%	0%	0	0	0
573	5552 - Facilities & Equip - Treatment	2003 Toyota Truck		7/1/2002	22,198	22,198	2.39	53,101	100%	0%	0	0	0
670	5552 - Facilities & Equip - Treatment	Filing Cabinet - Lab		7/1/2002	622	622	2.39	1,488	100%	0%	0	0	0
765	5552 - Facilities & Equip - Treatment	Marsh Pond Bank Erosion		7/1/2002	76,625	76,625	2.39	183,300	100%	100%	76,625	183,300	0
899	5552 - Facilities & Equip - Treatment	Refrigerator		7/1/2002	586	586	2.39	1,402	100%	0%	0	0	0
937	5552 - Facilities & Equip - Treatment	Smith Ranch Road Generator		7/1/2002	35,691	35,691	2.39	85,380	100%	100%	35,691	85,380	0
960	5552 - Facilities & Equip - Treatment	Tel Star Project		7/1/2002	71,359	71,359	2.39	170,703	100%	100%	71,359	170,703	0
666	5553 - Facilities & Equip - Disposal	Fence		7/1/2002	9,200	9,200	2.39	22,008	100%	100%	9,200	22,008	0
845	5553 - Facilities & Equip - Disposal	Plant Security Fence		7/1/2002	19,604	19,604	2.39	46,896	100%	100%	19,604	46,896	0
932	5553 - Facilities & Equip - Disposal	Signs		7/1/2002	713	713	2.39	1,706	100%	0%	0	0	0
	5554 - Facilities & Equip - Admin	Dual Sand Project		7/1/2002	53,359	53,359	2.39	127,644	100%	0%	0	0	0
841	5557 - Facilities & Equip - Reclamation	Pivot		7/1/2002	83,295	83,295	2.39	199,258	100%	100%	83,295	199,258	0
887	5501 - Collection System Lines/Manholes	Raise Manholes		6/30/2003	33,183	33,183	2.34	77,531	100%	0%	0	0	0
919	5501 - Collection System Lines/Manholes	Santa Venetia Sewer Rehab		6/30/2003	2,138,856	2,138,856	2.34	4,997,299	100%	100%	2,138,856	4,997,299	0
844	5552 - Facilities & Equip - Treatment	Plant Pump & Chemicals		7/1/2003	17,422	17,422	2.34	40,705	100%	100%	17,422	40,705	0
848	5552 - Facilities & Equip - Treatment	Portable Engine Set		7/1/2003	1,334	1,334	2.34	3,116	100%	0%	0	0	0
853	5552 - Facilities & Equip - Treatment	Portable MH Channel Flow		7/1/2003	24,707	24,707	2.34	57,727	100%	100%	24,707	57,727	0
976	5552 - Facilities & Equip - Treatment	Trtment Plant Improv		7/1/2003	12,199	12,199	2.34	28,501	100%	100%	12,199	28,501	0
663	5553 - Facilities & Equip - Disposal	Expand/Pave Parking Lot		7/1/2003	7,050	7,050	2.34	16,472	100%	100%	7,050	16,472	0
601	5554 - Facilities & Equip - Admin	Boardroom Table		7/1/2003	2,683	2,683	2.34	6,268	100%	0%	0	0	0
	5554 - Facilities & Equip - Admin	Dual Sand Project		7/1/2003	395	395	2.34	922	100%	0%	0	0	0
995	5554 - Facilities & Equip - Admin	Office Furniture		7/1/2003	1,692	1,100	2.34	3,953	65%	0%	0	0	0
665	5555 - Facilities & Equip - Lab	Fax Machine		7/1/2003	429	429	2.34	1,002	100%	0%	0	0	0
717	5555 - Facilities & Equip - Lab	Lab fixed assets		7/1/2003	5,633	5,633	2.34	13,161	100%	0%	0	0	0
812	5555 - Facilities & Equip - Lab	Muffle Furnace for Total Solids		7/1/2003	1,920	1,920	2.34	4,486	100%	0%	0	0	0
864	5556 - Facilities & Equip - Pump Station	Pump - Civic Center		7/1/2003	5,644	5,644	2.34	13,187	100%	100%	5,644	13,187	0
878	5556 - Facilities & Equip - Pump Station	Pump Stn Equip		7/1/2003	5,041	5,041	2.34	11,779	100%	100%	5,041	11,779	0
943	5557 - Facilities & Equip - Reclamation	Solar Project - Reclam PS		7/1/2003	365,672	365,672	2.34	854,368	100%	100%	365,672	854,368	0
944	5557 - Facilities & Equip - Reclamation	Solar Project - Reclim PS		7/1/2003	7,889	7,889	2.34	18,432	100%	100%	7,889	18,432	0
650	5501 - Collection System Lines/Manholes	District Sewer Main Replac		6/30/2004	22,650	22,650	2.20	49,789	100%	100%	22,650	49,789	0
771	5501 - Collection System Lines/Manholes	Merrydale Relief Line		6/30/2004	248,038	248,038	2.20	545,234	100%	100%	248,038	545,234	0
920	5501 - Collection System Lines/Manholes	Santa Venetia Sewer Rehab		6/30/2004	7,166	7,166	2.20	15,752	100%	100%	7,166	15,752	0
984	5501 - Collection System Lines/Manholes	Vendola Sewer Rehab		6/30/2004	50,000	50,000	2.20	109,909	100%	100%	50,000	109,909	0
774	5551 - Collections Dept Equipment	MH I/I Prohibitors		6/30/2004	1,138	1,138	2.20	2,503	100%	0%	0	0	0
888	5551 - Collections Dept Equipment	Raise Manholes		6/30/2004	23,665	23,665	2.20	52,020	100%	100%	23,665	52,020	0
938	5551 - Collections Dept Equipment	Smoke Test Machine		6/30/2004	1,780	1,780	2.20	3,914	100%	0%	0	0	0
578	5501 - Collection System Lines/Manholes	4300 Redwood Hwy	Contributed	7/1/2004	325,296	325,296	2.20	715,061	100%	100%	325,296	715,061	0
590	5501 - Collection System Lines/Manholes	Air Release Valves		7/1/2004	1,690	1,690	2.20	3,715	100%	0%	0	0	0
764	5501 - Collection System Lines/Manholes	Marinwood Thru Silveira		7/1/2004	1,084,324	1,084,324	2.20	2,383,547	100%	100%	1,084,324	2,383,547	0
889	5501 - Collection System Lines/Manholes	Raise Manholes		7/1/2004	5,287	5,287	2.20	11,621	100%	0%	0	0	0
594	5551 - Collections Dept Equipment	Auditor fixed asset		7/1/2004	13,331	13,331	2.20	29,305	100%	100%	13,331	29,305	0
595	5551 - Collections Dept Equipment	Auditor Fixed Asset		7/1/2004	19,091	19,091	2.20	41,967	100%	100%	19,091	41,967	0
621	5551 - Collections Dept Equipment	Collection Line Software		7/1/2004	3,105	3,105	2.20	6,825	100%	0%	0	0	0
678	5551 - Collections Dept Equipment	Flusher Truck w/ Camera		7/1/2004	169,600	169,600	2.20	372,812	100%	100%	169,600	372,812	0
939	5551 - Collections Dept Equipment	Smoke Test Machine		7/1/2004	8,630	8,630	2.20	18,970	100%	100%	8,630	18,970	0
688	5552 - Facilities & Equip - Treatment	General Treatment Improv		7/1/2004	19,044	19,044	2.20	41,862	100%	100%	19,044	41,862	0
760	5552 - Facilities & Equip - Treatment	Marinwood N Impeller		7/1/2004	20,453	20,453	2.20	44,959	100%	100%	20,453	44,959	0
818	5552 - Facilities & Equip - Treatment	New Electrical Room		7/1/2004	338,175	338,175	2.20	743,372	100%	100%	338,175	743,372	0
	5554 - Facilities & Equip - Admin	Anthracite		7/1/2004	6,000	6,000	2.20	13,189	100%	0%	0	0	0
627	5554 - Facilities & Equip - Admin	Conference table		7/1/2004	3,921	3,921	2.20	8,619	100%	0%	0	0	0
707	5554 - Facilities & Equip - Admin	Ikon Color Copier		7/1/2004	12,110	12,110	2.20	26,620	100%	0%	0	0	0
609	5556 - Facilities & Equip - Pump Station	Captains Cove	Contributed	7/1/2004	908,000	908,000	2.20	1,995,954	100%	100%	908,000	1,995,954	0
657	5556 - Facilities & Equip - Pump Station	Emergency Smith Ranch Pump		7/1/2004	265,319	265,319	2.20	583,220	100%	100%	265,319	583,220	0

Las Gallinas Valley Sanitary District
Exhibit 7
Fixed Asset Listing as of June 2021

Sys ID	Class	Category Description	Contributed	Date Acquired	Total Cost	Total Accumulated Depreciation	ENR-CCI 7/1/2022 15,640 ENR Factor	Repl. Cost	% Depr.	% CFC (> \$5,000)	CFC Eligible Original Cost	Replacement Cost New (ENR)	Replacement Cost New (ENR) Less Depreciation
866	5556 - Facilities & Equip - Pump Station	Pump 2ND		7/1/2004	5,265	5,265	2.20	11,573	100%	100%	5,265	11,573	0
871	5556 - Facilities & Equip - Pump Station	Pump Stn - Captain's Cove		7/1/2004	34,411	34,411	2.20	75,641	100%	100%	34,411	75,641	0
872	5556 - Facilities & Equip - Pump Station	Pump Stn - Descano Wet Well		7/1/2004	227,193	227,193	2.20	499,412	100%	100%	227,193	499,412	0
873	5556 - Facilities & Equip - Pump Station	Pump Stn - Hawthorn		7/1/2004	107,651	107,651	2.20	236,638	100%	100%	107,651	236,638	0
874	5556 - Facilities & Equip - Pump Station	Pump Stn - Hawthorn & Adrian		7/1/2004	14,200	14,200	2.20	31,214	100%	100%	14,200	31,214	0
875	5556 - Facilities & Equip - Pump Station	Pump Stn - Marinwood		7/1/2004	18,459	18,459	2.20	40,577	100%	100%	18,459	40,577	0
876	5556 - Facilities & Equip - Pump Station	Pump Stn - Venetia Harbor		7/1/2004	122,614	122,614	2.20	269,529	100%	100%	122,614	269,529	0
883	5556 - Facilities & Equip - Pump Station	PV System Construction		7/1/2004	19,345	19,345	2.20	42,523	100%	100%	19,345	42,523	0
895	5557 - Facilities & Equip - Reclamation	Polaris Range 6X6		7/1/2004	12,269	12,269	2.20	26,970	100%	0%	0	0	0
618	5501 - Collection System Lines/Manholes	CMOM Response Prog		6/30/2006	60,575	54,518	1.81	109,932	90%	100%	60,575	109,932	10,993
619	5501 - Collection System Lines/Manholes	CMOM Response Program		6/30/2006	187,531	168,778	1.81	340,334	90%	100%	187,531	340,334	34,033
720	5501 - Collection System Lines/Manholes	Las Colindas Project		6/30/2006	495,088	445,579	1.81	898,491	90%	100%	495,088	898,491	89,849
758	5501 - Collection System Lines/Manholes	Manholes		6/30/2006	968	871	1.81	1,756	90%	0%	0	0	0
608	5551 - Collections Dept Equipment	Cal Osha Plant Safety Mod		6/30/2006	2,744	2,470	1.81	4,981	90%	0%	0	0	0
659	5551 - Collections Dept Equipment	Engineering misc projects		6/30/2006	\$4,884	\$4,395	1.81	\$8,863	90%	0%	\$0	\$0	0
677	5551 - Collections Dept Equipment	Flusher Truck #2		6/30/2006	138,889	125,000	1.81	252,057	90%	100%	138,889	252,057	25,206
719	5551 - Collections Dept Equipment	Large Portable Pump		6/30/2006	92,913	83,622	1.81	168,621	90%	100%	92,913	168,621	16,862
925	5551 - Collections Dept Equipment	Self Cont Breathing Equip (2)		6/30/2006	8,654	7,788	1.81	15,705	90%	100%	8,654	15,705	1,570
940	5551 - Collections Dept Equipment	Smoke Test Machine		6/30/2006	1,633	1,469	1.81	2,963	90%	0%	0	0	0
974	5551 - Collections Dept Equipment	Trash Pump Hoses		6/30/2006	6,611	5,950	1.81	11,998	90%	100%	6,611	11,998	1,200
993	5551 - Collections Dept Equipment	WWTech/Collection Crew Office		6/30/2006	20,554	18,499	1.81	37,301	90%	100%	20,554	37,301	3,730
612	5552 - Facilities & Equip - Treatment	Chemical Filling Tanks		6/30/2006	680	612	1.81	1,234	90%	0%	0	0	0
629	5552 - Facilities & Equip - Treatment	Containment Wall/Hypo Tank		6/30/2006	34,661	31,195	1.81	62,904	90%	100%	34,661	62,904	6,290
710	5552 - Facilities & Equip - Treatment	Inter Clarifier Repl		6/30/2006	17,037	15,333	1.81	30,919	90%	100%	17,037	30,919	3,092
769	5552 - Facilities & Equip - Treatment	Men's Locker Room		6/30/2006	20,363	18,327	1.81	36,955	90%	100%	20,363	36,955	3,695
776	5552 - Facilities & Equip - Treatment	Mini Van		6/30/2006	13,765	12,388	1.81	24,980	90%	0%	0	0	0
805	5552 - Facilities & Equip - Treatment	MMWD		6/30/2006	33,587	30,228	1.81	60,954	90%	100%	33,587	60,954	6,095
835	5552 - Facilities & Equip - Treatment	Park Bench		6/30/2006	300	270	1.81	545	90%	0%	0	0	0
843	5552 - Facilities & Equip - Treatment	Plant Air Compressor		6/30/2006	11,465	10,318	1.81	20,806	90%	0%	0	0	0
851	5552 - Facilities & Equip - Treatment	Portable Generator		6/30/2006	174,700	157,230	1.81	317,049	90%	0%	0	0	0
856	5552 - Facilities & Equip - Treatment	Primary Clarifiers - 2		6/30/2006	61,855	55,670	1.81	112,255	90%	100%	61,855	112,255	11,226
921	5552 - Facilities & Equip - Treatment	SC - Electrical Room		6/30/2006	47,851	43,066	1.81	86,841	90%	100%	47,851	86,841	8,684
924	5552 - Facilities & Equip - Treatment	Second Effluent Box		6/30/2006	54,154	48,739	1.81	98,280	90%	100%	54,154	98,280	9,828
962	5552 - Facilities & Equip - Treatment	TelStar - Chlorin/dechl		6/30/2006	92,163	82,947	1.81	167,259	90%	100%	92,163	167,259	16,726
766	5553 - Facilities & Equip - Disposal	Marsh Pond Bank Erosion		6/30/2006	23,705	21,335	1.81	43,021	90%	100%	23,705	43,021	4,302
837	5553 - Facilities & Equip - Disposal	Perimeter Irrigation		6/30/2006	2,840	2,556	1.81	5,153	90%	0%	0	0	0
716	5555 - Facilities & Equip - Lab	Lab Data Software		6/30/2006	4,508	4,057	1.81	8,181	90%	0%	0	0	0
620	5556 - Facilities & Equip - Pump Station	CMOM Response Program		6/30/2006	20,720	18,648	1.81	37,603	90%	100%	20,720	37,603	3,760
690	5556 - Facilities & Equip - Pump Station	Generator - Hawthorn PS		6/30/2006	607	546	1.81	1,102	90%	0%	0	0	0
691	5556 - Facilities & Equip - Pump Station	Generator - Venetia Harb		6/30/2006	608	547	1.81	1,102	90%	0%	0	0	0
811	5556 - Facilities & Equip - Pump Station	Move Bar Screen - Duckett		6/30/2006	229,593	206,634	1.81	416,668	90%	100%	229,593	416,668	41,667
838	5556 - Facilities & Equip - Pump Station	Perimeter Irrigation System		6/30/2006	565	509	1.81	1,026	90%	0%	0	0	0
870	5556 - Facilities & Equip - Pump Station	Pump Station Equipment (2006 aje)		6/30/2006	5,479	4,931	1.81	9,944	90%	100%	5,479	9,944	994
893	5556 - Facilities & Equip - Pump Station	Rebuild Descanso Wet Well		6/30/2006	1,728	1,555	1.81	3,135	90%	0%	0	0	0
842	5557 - Facilities & Equip - Reclamation	Pivots 3,4 & 5		6/30/2006	22,743	20,469	1.81	41,274	90%	100%	22,743	41,274	4,127
894	5557 - Facilities & Equip - Reclamation	Reclam Flow Meter Pipe		6/30/2006	9,590	8,631	1.81	17,404	90%	100%	9,590	17,404	1,740
906	5557 - Facilities & Equip - Reclamation	Replace Pivots		6/30/2006	123,623	111,260	1.81	224,352	90%	100%	123,623	224,352	22,435
890	5501 - Collection System Lines/Manholes	Raise manholes/rodholes		6/30/2007	7,210	5,047	1.72	12,398	70%	0%	0	0	0
898	5501 - Collection System Lines/Manholes	Redwood Village & Fairchild Property constr.		6/30/2007	37,685	26,380	1.72	64,801	70%	100%	37,685	64,801	19,440
679	5551 - Collections Dept Equipment	Formalize grease program		6/30/2007	33,422	23,395	1.72	57,470	70%	100%	33,422	57,470	17,241
882	5551 - Collections Dept Equipment	Push Camera		6/30/2007	11,314	7,920	1.72	19,454	70%	100%	11,314	19,454	5,836
912	5551 - Collections Dept Equipment	Rodder Truck		6/30/2007	159,885	111,919	1.72	274,926	70%	100%	159,885	274,926	82,478
605	5552 - Facilities & Equip - Treatment	Build New Electrical Room		6/30/2007	20,614	14,430	1.72	35,447	70%	100%	20,614	35,447	10,634
642	5552 - Facilities & Equip - Treatment	Digester Gas/Pipe Safety Rep		6/30/2007	11,900	8,330	1.72	20,462	70%	100%	11,900	20,462	6,139
649	5552 - Facilities & Equip - Treatment	Discrete Manhole Sampler		6/30/2007	5,786	4,050	1.72	9,949	70%	100%	5,786	9,949	2,985
658	5552 - Facilities & Equip - Treatment	Energy Efficient Motor Repl. Program		6/30/2007	2,658	1,860	1.72	4,570	70%	0%	0	0	0
664	5552 - Facilities & Equip - Treatment	Extend Vehicle Storage		6/30/2007	47,915	33,540	1.72	82,391	70%	100%	47,915	82,391	24,717
709	5552 - Facilities & Equip - Treatment	Initial Phase SCADA Controls		6/30/2007	189,008	132,305	1.72	325,004	70%	100%	189,008	325,004	97,501
806	5552 - Facilities & Equip - Treatment	MMWD Backwash Piping		6/30/2007	17,334	12,134	1.72	29,806	70%	100%	17,334	29,806	8,942
821	5552 - Facilities & Equip - Treatment	New Paint Job for Plant		6/30/2007	6,700	4,690	1.72	11,521	70%	100%	6,700	11,521	3,456

Las Gallinas Valley Sanitary District
 Exhibit 7
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Sys ID	Class	Category Description	Contributed	Date Acquired	Total Cost	Total Accumulated Depreciation	ENR-CCI 7/1/2022 15,640 ENR Factor	Repl. Cost	% Depr.	% CFC (> \$5,000)	CFC Eligible Original Cost	Replacement Cost New (ENR)	Replacement Cost New (ENR) Less Depreciation
832	5552 - Facilities & Equip - Treatment	Organize Shop		6/30/2007	4,247	2,973	1.72	7,302	70%	0%	0	0	0
942	5552 - Facilities & Equip - Treatment	Solar Phase II		6/30/2007	2,059,537	1,441,676	1.72	3,541,432	70%	100%	2,059,537	3,541,432	1,062,430
994	5552 - Facilities & Equip - Treatment	WWTP1-05 - General Upgrades		6/30/2007	4,993,244	3,495,271	1.72	8,586,023	70%	100%	4,993,244	8,586,023	2,575,807
846	5556 - Facilities & Equip - Pump Station	Plant/Duckett Diesel Gen Upd		6/30/2007	69,855	48,898	1.72	120,118	70%	100%	69,855	120,118	36,035
884	5556 - Facilities & Equip - Pump Station	Rafael Meadows Generator		6/30/2007	27,491	19,244	1.72	47,272	70%	100%	27,491	47,272	14,182
922	5556 - Facilities & Equip - Pump Station	SCADA - Five Pump Station		6/30/2007	489,282	342,498	1.72	841,334	70%	100%	489,282	841,334	252,400
775	5557 - Facilities & Equip - Reclamation	Miller Creek Restoration Project		6/30/2007	21,210	14,847	1.72	36,470	70%	100%	21,210	36,470	10,941
	5501 - Collection System Lines/Manholes	2007 Sewer Main Rehab		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5501 - Collection System Lines/Manholes	515 Northgate Mainline Extension		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5501 - Collection System Lines/Manholes	Arbor Subdivision		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5501 - Collection System Lines/Manholes	Miscellaneous Subsurface Lines		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5551 - Collections Dept Equipment	Backflow Prevention Device		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5551 - Collections Dept Equipment	Gamajet VIII Tank Cleaning Machine		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5551 - Collections Dept Equipment	Mini Chain Cutter		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5551 - Collections Dept Equipment	Miscellaneous Equipment		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5552 - Facilities & Equip - Treatment	Deep Bed Filters		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5552 - Facilities & Equip - Treatment	Electrial Building "B"		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5552 - Facilities & Equip - Treatment	Grit Chamber Valves		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5552 - Facilities & Equip - Treatment	Miscellaneous Electrical		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5552 - Facilities & Equip - Treatment	Paving on road b/biofilter and chlorine container		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5553 - Facilities & Equip - Disposal	Impeller		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
1023	5554 - Facilities & Equip - Admin	Portable 12" Trash Pump - Add'l Costs		7/1/2007	29,063	14,531	1.72	49,974	50%	0%	0	0	0
	5555 - Facilities & Equip - Lab	DI Water System		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5556 - Facilities & Equip - Pump Station	2007 Ford Boom 1 Ton Truck		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5556 - Facilities & Equip - Pump Station	Descanso Pump Station		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5556 - Facilities & Equip - Pump Station	Duckett PS Capital Repair		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
	5556 - Facilities & Equip - Pump Station	Four PS VFD		07/01/2007	0	0	1.72	0	0%	0%	0	0	0
1002	5501 - Collection System Lines/Manholes	2007 Sewer Main Rehab		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1005	5501 - Collection System Lines/Manholes	515 Northgate Mainline Extension		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1026	5501 - Collection System Lines/Manholes	Arbor Subdivision	Contributed	6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1007	5501 - Collection System Lines/Manholes	Miscellaneous Subsurface Lines		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1003	5501 - Collection System Lines/Manholes	Raise Manholes		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1011	5501 - Collection System Lines/Manholes	Raise Manholes/Rodholes		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1004	5501 - Collection System Lines/Manholes	Seal Manholes		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1022	5551 - Collections Dept Equipment	Backflow Prevention Device		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
999	5551 - Collections Dept Equipment	Gamajet VIII Tank Cleaning Machine		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
998	5551 - Collections Dept Equipment	Mini Chain Cutter		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1006	5551 - Collections Dept Equipment	Miscellaneous Equipment		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1019	5552 - Facilities & Equip - Treatment	Deep Bed Filters		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1014	5552 - Facilities & Equip - Treatment	Electrial Building "B"		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
996	5552 - Facilities & Equip - Treatment	Grit Chamber Valves		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1017	5552 - Facilities & Equip - Treatment	Miscellaneous Electrical		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1001	5552 - Facilities & Equip - Treatment	Paving on road b/biofilter and chlorine container		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1016	5552 - Facilities & Equip - Treatment	Scada Electrical		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1010	5552 - Facilities & Equip - Treatment	Scada Treatment Plant		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1015	5552 - Facilities & Equip - Treatment	Tuff Shed Electrical		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1013	5553 - Facilities & Equip - Disposal	Impeller		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1000	5553 - Facilities & Equip - Disposal	Push Mower		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1020	5553 - Facilities & Equip - Disposal	Silvera Pump Station Rehab		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
997	5555 - Facilities & Equip - Lab	DI Water System		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1012	5556 - Facilities & Equip - Pump Station	2007 Ford Boom 1 Ton Truck		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1024	5556 - Facilities & Equip - Pump Station	Descanso Pump Station		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1028	5556 - Facilities & Equip - Pump Station	Duckett PS Capital Repair		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1025	5556 - Facilities & Equip - Pump Station	Portable 12" Trash Pump - Add'l Costs		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1008	5556 - Facilities & Equip - Pump Station	Portable Pump Emergency Connect		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1018	5556 - Facilities & Equip - Pump Station	Pumps		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1009	5556 - Facilities & Equip - Pump Station	Scada Five Pump Stations		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1027	5557 - Facilities & Equip - Reclamation	Reclamation Box Weir		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1021	5557 - Facilities & Equip - Reclamation	Reclamation Parking Lot Repaving		6/30/2008	0	0	1.67	0	0%	0%	0	0	0
1030	5501 - Collection System Lines/Manholes	Road Work/Manhole		6/30/2009	35,000	3,500	1.61	56,214	10%	0%	0	0	0

Las Gallinas Valley Sanitary District
 Exhibit 7
 Fixed Asset Listing as of June 2021

Sys ID	Class	Category Description	Contributed	Date Acquired	Total Cost	Total Accumulated Depreciation	ENR-CCI 7/1/2022 15,640 ENR Factor	Repl. Cost	% Depr.	% CFC (> \$5,000)	CFC Eligible Original Cost	Replacement Cost New (ENR)	Replacement Cost New (ENR) Less Depreciation
1031	5551 - Collections Dept Equipment	2009 Ford Ranger Pick up Truck		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1029	5551 - Collections Dept Equipment	Push camera controller, reel, cable, and rod		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1053	5552 - Facilities & Equip - Treatment	2008 Chevrolet Pickup Truck		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1033	5552 - Facilities & Equip - Treatment	Airlines at Grit Chambers (2 - 3")		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1044	5552 - Facilities & Equip - Treatment	Bio Tower Stairs		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1032	5552 - Facilities & Equip - Treatment	Magnetic Insertion Probe and Remote Process Panel		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1049	5552 - Facilities & Equip - Treatment	MCC Electrical Building		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1047	5552 - Facilities & Equip - Treatment	Plant Air Compressor Saylor Beall		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1048	5552 - Facilities & Equip - Treatment	SCADA for Treatment Plant		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1050	5552 - Facilities & Equip - Treatment	Secondary Clarifier Cost		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1045	5552 - Facilities & Equip - Treatment	Solar disconnect switch upgrades		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1058	5553 - Facilities & Equip - Disposal	Silveira PS Rehab		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1037	5554 - Facilities & Equip - Admin	Admin area furniture		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1038	5554 - Facilities & Equip - Admin	Admin area/board room window blinds		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1039	5554 - Facilities & Equip - Admin	Admin Svs Mgr Office Furniture		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1040	5554 - Facilities & Equip - Admin	Board room high back chairs (9)		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1041	5554 - Facilities & Equip - Admin	HVAC Ducting/Repair for admin building		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1042	5554 - Facilities & Equip - Admin	HVAC Unit for Collection Office		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1052	5555 - Facilities & Equip - Lab	2009 Ford Ranger		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1035	5555 - Facilities & Equip - Lab	Sigma Sampler		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1034	5555 - Facilities & Equip - Lab	Sterilmatic Steam Pressure Sterilizer		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1056	5556 - Facilities & Equip - Pump Station	ARV 18" Force Main NWPRR		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1057	5556 - Facilities & Equip - Pump Station	ARV 20" HDPE Force Main NWPRR		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1055	5556 - Facilities & Equip - Pump Station	ARV Descanso PS		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1054	5556 - Facilities & Equip - Pump Station	ARV Mulligan PS		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1046	5556 - Facilities & Equip - Pump Station	SCADA for Pump Stations		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1043	5556 - Facilities & Equip - Pump Station	Smith Ranch Pump Station Rehab		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1051	5557 - Facilities & Equip - Reclamation	SCADA for Reclamation Area		6/30/2009	0	0	1.61	0	0%	0%	0	0	0
1089	5501 - Collection System Lines/Manholes	Trunk Sewer Capacity Analysis		7/1/2009	0	0	1.61	0	0%	0%	0	0	0
1090	5551 - Collections Dept Equipment	Small Push Camera		7/1/2009	0	0	1.61	0	0%	0%	0	0	0
1095	5552 - Facilities & Equip - Treatment	Digester motor mix pump		7/1/2009	0	0	1.61	0	0%	0%	0	0	0
1093	5552 - Facilities & Equip - Treatment	Digester pump		7/1/2009	0	0	1.61	0	0%	0%	0	0	0
1103	5552 - Facilities & Equip - Treatment	MCCB Building Improvements Stairs and Stucco		7/1/2009	0	0	1.61	0	0%	0%	0	0	0
1094	5552 - Facilities & Equip - Treatment	Sludge pump for digester		7/1/2009	0	0	1.61	0	0%	0%	0	0	0
1076	5554 - Facilities & Equip - Admin	Admin area furniture to complete remodel		7/1/2009	0	0	1.61	0	0%	0%	0	0	0
1079	5554 - Facilities & Equip - Admin	Admin area granite counter top		7/1/2009	0	0	1.61	0	0%	0%	0	0	0
1078	5554 - Facilities & Equip - Admin	Admin area maple bookshelf and locking cabinet		7/1/2009	0	0	1.61	0	0%	0%	0	0	0
1075	5554 - Facilities & Equip - Admin	Administration Area Remodel		7/1/2009	0	0	1.61	0	0%	0%	0	0	0
1077	5554 - Facilities & Equip - Admin	Board room remodel		7/1/2009	0	0	1.61	0	0%	0%	0	0	0
1080	5554 - Facilities & Equip - Admin	Conference room chairs		7/1/2009	0	0	1.61	0	0%	0%	0	0	0
1096	5552 - Facilities & Equip - Treatment	Deep Bed Filter		8/1/2009	0	0	1.61	0	0%	0%	0	0	0
1065	5555 - Facilities & Equip - Lab	Refrigerated Influent Composite Sampler		8/19/2009	0	0	1.61	0	0%	0%	0	0	0
1062	5556 - Facilities & Equip - Pump Station	SCADA Contemp Marin		9/30/2009	0	0	1.61	0	0%	0%	0	0	0
1067	5557 - Facilities & Equip - Reclamation	Supplemental Irrigation Pipe		9/30/2009	0	0	1.61	0	0%	0%	0	0	0
1101	5552 - Facilities & Equip - Treatment	Electrical wiring headworks, MCC enable scada		10/31/2009	0	0	1.61	0	0%	0%	0	0	0
1073	5552 - Facilities & Equip - Treatment	Second Effluent Box Pump		10/31/2009	0	0	1.61	0	0%	0%	0	0	0
1074	5552 - Facilities & Equip - Treatment	Intermediate Clarifier Upgrade		11/30/2009	0	0	1.61	0	0%	0%	0	0	0
1091	5552 - Facilities & Equip - Treatment	Secondary Digester Upgrade		11/30/2009	0	0	1.61	0	0%	0%	0	0	0
1097	5556 - Facilities & Equip - Pump Station	Cathodic Protection Descanso		11/30/2009	0	0	1.61	0	0%	0%	0	0	0
1069	5557 - Facilities & Equip - Reclamation	Wildlife Marsh Pond Barrier		11/30/2009	0	0	1.61	0	0%	0%	0	0	0
1068	5552 - Facilities & Equip - Treatment	Solar Panel Replacement (90 panels)		12/31/2009	0	0	1.61	0	0%	0%	0	0	0
1098	5556 - Facilities & Equip - Pump Station	Cathodic Protection Civic Center North		12/31/2009	0	0	1.61	0	0%	0%	0	0	0
1099	5556 - Facilities & Equip - Pump Station	Cathodic Protection McInnis East		12/31/2009	0	0	1.61	0	0%	0%	0	0	0
1063	5556 - Facilities & Equip - Pump Station	Install/Replace Air Release Valves McInnis East		12/31/2009	0	0	1.61	0	0%	0%	0	0	0
1066	5557 - Facilities & Equip - Reclamation	Outer Levee Maintenance		12/31/2009	0	0	1.61	0	0%	0%	0	0	0
1092	5552 - Facilities & Equip - Treatment	Gravity Thickener		1/31/2010	0	0	1.58	0	0%	0%	0	0	0
1061	5501 - Collection System Lines/Manholes	Raise manholes/rod holes		3/31/2010	0	0	1.58	0	0%	0%	0	0	0
1059	5501 - Collection System Lines/Manholes	Sewer Main Rehabilitation		3/31/2010	0	0	1.58	0	0%	0%	0	0	0
1064	5556 - Facilities & Equip - Pump Station	Cathodic Protection TL/Mulligan		3/31/2010	0	0	1.58	0	0%	0%	0	0	0
1086	5554 - Facilities & Equip - Admin	Copy room cabinets and remodel		4/1/2010	0	0	1.58	0	0%	0%	0	0	0

Las Gallinas Valley Sanitary District
 Exhibit 7
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1083	5554 - Facilities & Equip - Admin	Engineer's office furniture		4/1/2010	0	0	1.58	0	0%	0%	0	0	0
1082	5554 - Facilities & Equip - Admin	Engineer's office remodel		4/1/2010	0	0	1.58	0	0%	0%	0	0	0
1087	5554 - Facilities & Equip - Admin	Hallway remodel		4/1/2010	0	0	1.58	0	0%	0%	0	0	0
1084	5554 - Facilities & Equip - Admin	Plant manager's office remodel		4/1/2010	0	0	1.58	0	0%	0%	0	0	0
1088	5554 - Facilities & Equip - Admin	2010 Ford Fusion Hybrid		4/5/2010	0	0	1.58	0	0%	0%	0	0	0
1100	5552 - Facilities & Equip - Treatment	DBF Weir modifications		4/30/2010	0	0	1.58	0	0%	0%	0	0	0
1070	5552 - Facilities & Equip - Treatment	SCADA Programming for Treatment Plant		4/30/2010	0	0	1.58	0	0%	0%	0	0	0
1071	5552 - Facilities & Equip - Treatment	WWTP Electrical Upgrades 2009/10		4/30/2010	0	0	1.58	0	0%	0%	0	0	0
1072	5552 - Facilities & Equip - Treatment	Grit Pump		5/14/2010	0	0	1.58	0	0%	0%	0	0	0
1085	5554 - Facilities & Equip - Admin	Plant Manager's office furniture		5/31/2010	0	0	1.58	0	0%	0%	0	0	0
1060	5501 - Collection System Lines/Manholes	Road Work/Manhole		6/30/2010	0	0	1.58	0	0%	0%	0	0	0
1102	5552 - Facilities & Equip - Treatment	Recycle Clarifier Return Pump		6/30/2010	0	0	1.58	0	0%	0%	0	0	0
1081	5554 - Facilities & Equip - Admin	Conference room tables and side cabinet		6/30/2010	0	0	1.58	0	0%	0%	0	0	0
1116	5557 - Facilities & Equip - Reclamation	Reclamation area irrigation leak repair		7/30/2010	0	0	1.58	0	0%	0%	0	0	0
1106	5552 - Facilities & Equip - Treatment	WWTP Electrical Upgrades 2009/10 addl costs		7/31/2010	0	0	1.58	0	0%	0%	0	0	0
1113	5556 - Facilities & Equip - Pump Station	Portable 125 kW generator		7/31/2010	0	0	1.58	0	0%	0%	0	0	0
1112	5556 - Facilities & Equip - Pump Station	Portable 40 kW generator		7/31/2010	0	0	1.58	0	0%	0%	0	0	0
1114	5554 - Facilities & Equip - Admin	AutoCad Civil 3D software		8/31/2010	0	0	1.58	0	0%	0%	0	0	0
1109	5554 - Facilities & Equip - Admin	HVAC unit for GM office		9/30/2010	0	0	1.58	0	0%	0%	0	0	0
1107	5554 - Facilities & Equip - Admin	Plant Manager Office		9/30/2010	0	0	1.58	0	0%	0%	0	0	0
5556	5556 - Facilities & Equip - Pump Station	Civic Center PS Generator Replacement		1/31/2011	175,000	35,000	1.54	269,047	20%	100%	175,000	269,047	215,237
5552	5552 - Facilities & Equip - Treatment	Digester Waste Gas Flare		2/15/2011	200,000	40,000	1.54	307,482	20%	100%	200,000	307,482	245,986
5556	5556 - Facilities & Equip - Pump Station	John Duckett PS Generator		2/28/2011	225,000	45,000	1.54	345,917	20%	100%	225,000	345,917	276,734
5552	5552 - Facilities & Equip - Treatment	Security Measures		3/31/2011	35,000	3,000	1.54	53,809	9%	100%	35,000	53,809	49,197
5501	5501 - Collection System Lines/Manholes	Manhole/Rodhole Repairs		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5551	5551 - Collections Dept Equipment	Flusher Camera/Computer		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5551	5551 - Collections Dept Equipment	GIS		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5552	5552 - Facilities & Equip - Treatment	Aspirating Aerator		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5552	5552 - Facilities & Equip - Treatment	Digester Boiler Replacement		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5552	5552 - Facilities & Equip - Treatment	Primary Clarification System Upgrade		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5552	5552 - Facilities & Equip - Treatment	SCADA Server Upgrades and Programming		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5552	5552 - Facilities & Equip - Treatment	Wemco Digester Sludge Recirculating Pump		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5554	5554 - Facilities & Equip - Admin	Admin area front office windows		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5554	5554 - Facilities & Equip - Admin	Library/Plan Room Improvements Including Montors		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5556	5556 - Facilities & Equip - Pump Station	Cathodic Protection TL/Forcemain		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5556	5556 - Facilities & Equip - Pump Station	Flygt Pump 35 HP Duckett		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5556	5556 - Facilities & Equip - Pump Station	Smith Ranch 5 HP 460V Flygt Pump		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5556	5556 - Facilities & Equip - Pump Station	ARV-Mulligan		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5557	5557 - Facilities & Equip - Reclamation	Culbert & Drain Ditch		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5557	5557 - Facilities & Equip - Reclamation	Lighting Enhancements		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5557	5557 - Facilities & Equip - Reclamation	Security Measures - Fencing and Bridge Gate		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5557	5557 - Facilities & Equip - Reclamation	Solar Panel Replacement		7/1/2011	0	0	1.54	0	0%	0%	0	0	0
5558	5558 - Facilities & Equip - Recycled Water	Change Order #1 Recycled water plant		12/31/2011	1,162	0	1.54	1,786	0%	0%	0	0	0
5558	5558 - Facilities & Equip - Recycled Water	Change Order #2 Recycled Water Plant		12/31/2011	4,880	0	1.54	7,503	0%	0%	0	0	0
5501	5501 - Collection System Lines/Manholes	Sewer Main Rehabilitation		6/30/2012	1,200,000	0	1.51	1,814,380	0%	100%	1,200,000	1,814,380	1,814,380
5501	5501 - Collection System Lines/Manholes	Sewer Main Rehabilitation Annual Project		6/30/2012	868,303	0	1.51	1,312,859	0%	100%	868,303	1,312,859	1,312,859
5501	5501 - Collection System Lines/Manholes	Gallinas Creek and Miller Creek Watershed Programs		6/30/2012	40,000	0	1.51	60,479	0%	100%	40,000	60,479	60,479
5501	5501 - Collection System Lines/Manholes	General Improvements		6/30/2012	10,000	0	1.51	15,120	0%	100%	10,000	15,120	15,120
5552	5552 - Facilities & Equip - Treatment	Security		6/30/2012	100,000	0	1.51	151,198	0%	0%	0	0	0
5552	5552 - Facilities & Equip - Treatment	Valve Installations (Grit Chamber) (*COP)		6/30/2012	105,000	0	1.51	158,758	0%	0%	0	0	0
5552	5552 - Facilities & Equip - Treatment	Storage, Road and Parking Improvements		6/30/2012	50,000	0	1.51	75,599	0%	0%	0	0	0
5552	5552 - Facilities & Equip - Treatment	Treatment Plant Analyzers		6/30/2012	45,000	0	1.51	68,039	0%	0%	0	0	0
5552	5552 - Facilities & Equip - Treatment	Plant Flood Control Measures		6/30/2012	125,000	0	1.51	188,998	0%	0%	0	0	0
5556	5556 - Facilities & Equip - Pump Station	General Improvements P/S		6/30/2012	53,000	0	1.51	80,135	0%	100%	53,000	80,135	80,135
5556	5556 - Facilities & Equip - Pump Station	Landscaping		6/30/2012	10,000	0	1.51	15,120	0%	0%	0	0	0
5556	5556 - Facilities & Equip - Pump Station	Manager Vehicle Backup Camera		6/30/2012	5,000	0	1.51	7,560	0%	0%	0	0	0
5556	5556 - Facilities & Equip - Pump Station	Manhole / Rodhole Repair and Replacement		6/30/2012	50,000	0	1.51	75,599	0%	0%	0	0	0
5556	5556 - Facilities & Equip - Pump Station	North Bay Water ReUSE Authority (NBWRA)		6/30/2012	101,910	0	1.51	154,086	0%	100%	101,910	154,086	154,086
5556	5556 - Facilities & Equip - Pump Station	SCADA Panel and programming upgrades		6/30/2012	40,000	0	1.51	60,479	0%	100%	40,000	60,479	60,479
5556	5556 - Facilities & Equip - Pump Station	SCADA Programming upgrades P/S's		6/30/2012	35,000	0	1.51	52,919	0%	100%	35,000	52,919	52,919

Las Gallinas Valley Sanitary District
 Exhibit 7
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5556 - Facilities & Equip - Pump Station		Panel Upgrade		6/30/2012	20,000	0	1.51	30,240	0%	100%	20,000	30,240	30,240
5556 - Facilities & Equip - Pump Station		Pump Station Panel Upgrade		6/30/2012	10,000	0	1.51	15,120	0%	100%	10,000	15,120	15,120
5556 - Facilities & Equip - Pump Station		Pump Station Panel Upgrades		6/30/2012	108,000	0	1.51	163,294	0%	100%	108,000	163,294	163,294
5556 - Facilities & Equip - Pump Station		Air Release Valves		6/30/2012	70,000	0	1.51	105,839	0%	100%	70,000	105,839	105,839
5556 - Facilities & Equip - Pump Station		Wind Generation		6/30/2012	25,000	0	1.51	37,800	0%	100%	25,000	37,800	37,800
5557 - Facilities & Equip - Reclamation		Culvert & Drainage Ditch		6/30/2012	10,000	0	1.51	15,120	0%	100%	10,000	15,120	15,120
5557 - Facilities & Equip - Reclamation		Security (install, replace, repair)		6/30/2012	30,000	0	1.51	45,359	0%	100%	30,000	45,359	45,359
5557 - Facilities & Equip - Reclamation		Sludge Pond Liner Repair and Improvements		6/30/2012	30,000	0	1.51	45,359	0%	100%	30,000	45,359	45,359
5557 - Facilities & Equip - Reclamation		Reclamation Repairs and Upgrades		6/30/2012	12,000	0	1.51	18,144	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		Outer Levee Maintenance (now Long Levy Capping)		6/30/2012	26,420	0	1.51	39,947	0%	100%	26,420	39,947	39,947
5557 - Facilities & Equip - Reclamation		Wildlife Marsh Rehabilitation		6/30/2012	50,000	0	1.51	75,599	0%	0%	0	0	0
5558 - Facilities & Equip - Recycled Water		Administrative Building Upgrade		6/30/2012	20,000	0	1.51	30,240	0%	0%	0	0	0
5558 - Facilities & Equip - Recycled Water		Catholic Protection		6/30/2012	188,346	0	1.51	284,776	0%	100%	188,346	284,776	284,776
5558 - Facilities & Equip - Recycled Water		Chemical Addition Facilities>(*COP)		6/30/2012	175,000	0	1.51	264,597	0%	100%	175,000	264,597	264,597
5558 - Facilities & Equip - Recycled Water		Emergency Portable Pump Connections		6/30/2012	125,000	0	1.51	188,998	0%	100%	125,000	188,998	188,998
5558 - Facilities & Equip - Recycled Water		Flow Meter Replacement and Repair		6/30/2012	20,000	0	1.51	30,240	0%	0%	0	0	0
5558 - Facilities & Equip - Recycled Water		Flusher Truck Backup Pump		6/30/2012	20,000	0	1.51	30,240	0%	100%	20,000	30,240	30,240
5558 - Facilities & Equip - Recycled Water		Forcemain Rehabilitation and Replacement		6/30/2012	40,000	0	1.51	60,479	0%	100%	40,000	60,479	60,479
5558 - Facilities & Equip - Recycled Water		Forcemain Repair		6/30/2012	50,000	0	1.51	75,599	0%	100%	50,000	75,599	75,599
5558 - Facilities & Equip - Recycled Water		General Improvements		6/30/2012	25,000	0	1.51	37,800	0%	100%	25,000	37,800	37,800
5558 - Facilities & Equip - Recycled Water		General Lab Equipment		6/30/2012	11,000	0	1.51	16,632	0%	100%	11,000	16,632	16,632
5558 - Facilities & Equip - Recycled Water		GIS		6/30/2012	7,000	0	1.51	10,584	0%	100%	7,000	10,584	10,584
5558 - Facilities & Equip - Recycled Water		Hybrid Flusher Truck Camera/Computer		6/30/2012	6,000	0	1.51	9,072	0%	100%	6,000	9,072	9,072
5558 - Facilities & Equip - Recycled Water		Hybrid Camera/Flusher Truck Air Conditioner		6/30/2012	6,000	0	1.51	9,072	0%	100%	6,000	9,072	9,072
5558 - Facilities & Equip - Recycled Water		LGVSD Recycled Water Facility (NBWRA-ARRA)		6/30/2012	4,510,000	0	1.51	6,819,043	0%	100%	4,510,000	6,819,043	6,819,043
5558 - Facilities & Equip - Recycled Water		Lighting Enhancements		6/30/2012	30,000	0	1.51	45,359	0%	100%	30,000	45,359	45,359
5558 - Facilities & Equip - Recycled Water		Marinwood Pumpstation / Digester Mix Pump		6/30/2012	250,000	0	1.51	377,996	0%	100%	250,000	377,996	377,996
5558 - Facilities & Equip - Recycled Water		Odor Control		6/30/2012	40,000	0	1.51	60,479	0%	100%	40,000	60,479	60,479
5558 - Facilities & Equip - Recycled Water		Plant Electrical Panels and Equipment		6/30/2012	100,000	0	1.51	151,198	0%	100%	100,000	151,198	151,198
5558 - Facilities & Equip - Recycled Water		Primary Clarification System Improvement Project		6/30/2012	3,594,000	0	1.51	5,434,067	0%	100%	3,594,000	5,434,067	5,434,067
5558 - Facilities & Equip - Recycled Water		Primary Digester Cleaning and Upgrade		6/30/2012	300,000	0	1.51	453,595	0%	100%	300,000	453,595	453,595
5558 - Facilities & Equip - Recycled Water		Pump Station Odor Control		6/30/2012	45,000	0	1.51	68,039	0%	100%	45,000	68,039	68,039
5501 - Collection System Lines/Manholes		Sewer Main Rehabilitation		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5501 - Collection System Lines/Manholes		Manhole/Rodhole Repair		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Chem Feed Facilities Purch/Constr/upgrade		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Secondary Plant Upgrades		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		SCADA and Electrical panel upgrades		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Fixed Film Reactor		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Spare Equipment purchases		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Facility Painting		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Plant Upgrades		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Additional staff vehicle		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Collection System/Safety Mgr Vehicle		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Replace server		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Admin Building Improvements		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Emergency Radio System		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Crew Lunch Room Improvements		7/1/2012	44,337	0	1.51	67,037	0%	0%	0	0	0
5555 - Facilities & Equip - Lab		Acute Bioassay Lab		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Installation, repl and repair		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Rehabilitate 14" Forcemain		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Pump Station programming upgrades		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Reclamation Pump Station SCADA Upgrade		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		SCADA Programming upgrades Reclamation		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Supervisory Control and Data Acquisition		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Misc pump station improvements		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		ML Panel Replacements and upgrades		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Radio Transmission/Alarms		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Replacement and Repair		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Repl and repair Air Release Valves PS		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Rafael Meadows Pump Station		7/1/2012	0	0	1.51	0	0%	0%	0	0	0

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5557 - Facilities & Equip - Reclamation		Liner Repair and Improvements		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		Fresh Water Marsh Improvements		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		Reclamation Area Entrance Enhancements		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		St. Vincent's Pump Station Levee Rd Repair		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		St. Vincent's SW Drain Ditch		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		NBWRA Program-Continued use		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		North Bay Water ReUSE Authority (NBWRA)		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		Reclamation General Improvements and Repairs		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		Repair of existing line		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		Replacement and Repair		7/1/2012	0	0	1.51	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Rafael Meadows Pump Station-Electrical		10/1/2012	0	0	1.51	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Digester Waste Gas Flare		6/30/2013	195,710	0	1.49	291,236	0%	100%	195,710	291,236	291,236
5501 - Collection System Lines/Manholes		Manhole, Rodhole roadwork repair & replace		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Equip needed for recycled water return		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Replace existing equipment		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Funding to purchase a spare pump		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Temp Grit Washer Installation		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Study to replace Cogen gas & heat systems		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Additional Staff Vehicle		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5555 - Facilities & Equip - Lab		Replace flooring in lab and classroom		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		C Protection Installation, replacement & Repair		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Line forremain to plant		7/1/2013	250,000	0	1.49	372,025	0%	100%	250,000	372,025	372,025
5556 - Facilities & Equip - Pump Station		SCADA		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		SCADA Pump Stations		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Install, replace and repair reclamation		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Pump Station Contingency plan		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Replacement and Repair of ARV		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Panel Replacement and upgrades		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Emergency bypass pumps and hoses		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Emergency bypass pumps and hoses		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Replace Equip at Mulligan Pump Station		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Design & Install emergency generator		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		Continued participation in the NBWRA program		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5558 - Facilities & Equip - Reclamation		Tertiary Plant Programming		7/1/2013	0	0	1.49	0	0%	0%	0	0	0
5501 - Collection System Lines/Manholes		Annual sewer system rehabilitation		7/1/2014	0	0	1.43	0	0%	0%	0	0	0
5501 - Collection System Lines/Manholes		Roadwork, Repair and Replacement		7/1/2014	0	0	1.43	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Funding to purchase spare pump		7/1/2014	0	0	1.43	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Backup sludge thickening system		7/1/2014	0	0	1.43	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		District Inspector Vehicle		7/1/2014	0	0	1.43	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Maintenance/Construction		7/1/2014	0	0	1.43	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Small Equipment Purchases		7/1/2014	0	0	1.43	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Continued panel and programming upgrades		7/1/2014	0	0	1.43	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Programming upgrades		7/1/2014	0	0	1.43	0	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Replacement and repair of ARV		7/1/2014	50,000	0	1.43	71,738	0%	100%	50,000	71,738	71,738
5556 - Facilities & Equip - Pump Station		Panel replacement and upgrades		7/1/2014	0	0	1.43	0	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		Remove invasive plants		7/1/2014	0	0	1.43	0	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		NBWRA		7/1/2014	0	0	1.43	0	0%	0%	0	0	0
5558 - Facilities & Equip - Recycled Water		Bldg Modification, offspec water div, other mis		7/1/2014	0	0	1.43	0	0%	0%	0	0	0
5501 - Collection System Lines/Manholes		Sewer Main Rehab 15-16		11/11/2015	0	0	1.51	0	0%	0%	0	0	0
5558 - Facilities & Equip - Recycled Water		Recycled Water Facility Expansion		11/12/2015	8,000	0	1.51	12,113	0%	100%	8,000	12,113	12,113
5501 - Collection System Lines/Manholes		Manhole/Rodhole Repair and Replacement		11/23/2015	50,000	0	1.51	75,705	0%	100%	50,000	75,705	75,705
5501 - Collection System Lines/Manholes		Hybrid Equipment Truck		12/10/2015	432,599	0	1.51	655,003	0%	100%	432,599	655,003	655,003
5501 - Collection System Lines/Manholes		Manhole/Rodhole Repair and Replacement		7/1/2016	67,258	0	1.36	91,473	0%	100%	67,258	91,473	91,473
5557 - Facilities & Equip - Reclamation		Annual NBWRA assessment		7/1/2016	41,633	0	1.36	56,622	0%	100%	41,633	56,622	56,622
5556 - Facilities & Equip - Pump Station		Pump Station support services FY 2017		8/24/2016	10,008	0	1.36	13,611	0%	100%	10,008	13,611	13,611
5556 - Facilities & Equip - Pump Station		Treatment Plant Support Services FY 2017		8/24/2016	34,155	0	1.36	46,452	0%	100%	34,155	46,452	46,452
5558 - Facilities & Equip - Recycled Water		Tertiary Plant Support Services FY 2017		8/24/2016	5,598	0	1.36	7,613	0%	100%	5,598	7,613	7,613
5555 - Facilities & Equip - Lab		Centrifuge (Sorvall ST*) catalog#75200395		1/24/2017	4,471	0	1.32	5,919	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Server Upgrade		7/1/2017	7,965	0	1.32	10,543	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Van for Administratn Dept		7/25/2017	42,763	0	1.32	56,606	0%	100%	42,763	56,606	56,606

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5552 - Facilities & Equip - Treatment		Vehicle for Plant Manager		7/25/2017	28,278	0	1.32	37,433	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		NBWRA annual support		8/8/2017	19,350	0	1.32	25,614	0%	100%	19,350	25,614	25,614
5552 - Facilities & Equip - Treatment		Tractor		8/16/2017	120,000	0	1.32	158,847	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Utility Vehicle		8/16/2017	12,000	0	1.32	15,885	0%	0%	0	0	0
5501 - Collection System Lines/Manholes		Manhole/Rodhole Repair and Replacement		11/28/2017	50,000	0	1.32	66,186	0%	100%	50,000	66,186	66,186
5501 - Collection System Lines/Manholes		Sewer Main Rehab 2018		12/4/2017	990,810	0	1.32	1,311,564	0%	100%	990,810	1,311,564	1,311,564
5556 - Facilities & Equip - Pump Station		SCADA programming upgrades		12/11/2017	30,270	0	1.32	40,069	0%	100%	30,270	40,069	40,069
5556 - Facilities & Equip - Pump Station		SCADA continued panel and programming upgrades		12/11/2017	30,270	0	1.32	40,069	0%	100%	30,270	40,069	40,069
5556 - Facilities & Equip - Pump Station		SCADA continued programming		12/11/2017	30,269	0	1.32	40,068	0%	100%	30,269	40,068	40,068
5558 - Facilities & Equip - Recycled Water		UV Piping Repair		12/11/2017	150,000	0	1.32	198,559	0%	100%	150,000	198,559	198,559
5556 - Facilities & Equip - Pump Station		Annual SCADA support services		7/1/2018	27,099	0	1.30	35,160	0%	100%	27,099	35,160	35,160
5556 - Facilities & Equip - Pump Station		Annual SCADA support services		7/1/2018	27,099	0	1.30	35,160	0%	100%	27,099	35,160	35,160
5556 - Facilities & Equip - Pump Station		Annual SCADA support services		7/1/2018	27,099	0	1.30	35,160	0%	100%	27,099	35,160	35,160
5556 - Facilities & Equip - Pump Station		Towable 4" Emergency Pump		8/9/2018	75,000	0	1.30	97,311	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		Towable 8" Emergency Pump		8/9/2018	97,500	0	1.30	126,504	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Roof Replacement		10/1/2018	100,000	0	1.30	129,748	0%	100%	100,000	129,748	129,748
5554 - Facilities & Equip - Admin		HVAC replacement		10/22/2018	30,000	0	1.30	38,924	0%	100%	30,000	38,924	38,924
5554 - Facilities & Equip - Admin		Synectic Phone upgrade purchase		1/29/2019	14,755	0	1.26	18,659	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Vector		2/13/2019	305,844	0	1.26	386,785	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Rav4 Hybrid - White		6/7/2019	31,564	0	1.26	39,917	0%	0%	0	0	0
5558 - Facilities & Equip - Recycled Water		McInnis Marsh Restoration		6/26/2019	100,000	0	1.26	126,465	0%	100%	100,000	126,465	126,465
5552 - Facilities & Equip - Treatment		Sharp Solar Panel Replacement Project		7/1/2019	100,000	0	1.26	126,465	0%	100%	100,000	126,465	126,465
5552 - Facilities & Equip - Treatment		Influent Screen Overhaul - 2		7/1/2019	130,000	0	1.26	164,404	0%	100%	130,000	164,404	164,404
5552 - Facilities & Equip - Treatment		General Manger Auto		7/1/2019	0	0	1.26	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Redesign of Offices in Admin Building		7/1/2019	20,000	0	1.26	25,293	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Administration Building		7/1/2019	100,000	0	1.26	126,465	0%	100%	100,000	126,465	126,465
5555 - Facilities & Equip - Lab		Lab Cabinet Rehab for Dishwasher & Sink		7/1/2019	10,000	0	1.26	12,646	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		Center Pivot #2 Replacement		7/1/2019	0	0	1.26	0	0%	0%	0	0	0
5557 - Facilities & Equip - Reclamation		Bypass Pump Connection Components & Pipes		7/1/2019	40,000	0	1.26	50,586	0%	100%	40,000	50,586	50,586
5557 - Facilities & Equip - Reclamation		Pasture Irrigation Pump Building		7/1/2019	40,000	0	1.26	50,586	0%	100%	40,000	50,586	50,586
5557 - Facilities & Equip - Reclamation		Smith Ranch P.S. Flow Meter Vault Sump Pump		7/1/2019	15,000	0	1.26	18,970	0%	100%	15,000	18,970	18,970
5557 - Facilities & Equip - Reclamation		Spare 10HP Flygt Submersible Pump		7/1/2019	10,000	0	1.26	12,646	0%	100%	10,000	12,646	12,646
5557 - Facilities & Equip - Reclamation		St. Vincent Discharge Pipe Levee Repair		7/1/2019	50,000	0	1.26	63,232	0%	100%	50,000	63,232	63,232
5557 - Facilities & Equip - Reclamation		Storage Pond Sluice Gate Replace or Repair		7/1/2019	30,000	0	1.26	37,939	0%	100%	30,000	37,939	37,939
5552 - Facilities & Equip - Treatment		Ford F-450 Flusher Truck		4/23/2020	142,513	0	1.21	172,088	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Sludge Thickener Structure Removal		6/15/2020	0	0	1.21	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Carport for Lab		7/1/2020	40,000	0	1.21	48,301	0%	100%	40,000	48,301	48,301
5552 - Facilities & Equip - Treatment		Annual Plant Painting at Various Locations		7/1/2020	30,000	0	1.21	36,226	0%	100%	30,000	36,226	36,226
5552 - Facilities & Equip - Treatment		Disgester Room MCC #1 Upgrade		7/1/2020	200,000	0	1.21	241,506	0%	100%	200,000	241,506	241,506
5552 - Facilities & Equip - Treatment		Varec Flare Maintenance		7/1/2020	60,000	0	1.21	72,452	0%	100%	60,000	72,452	72,452
5552 - Facilities & Equip - Treatment		Bioassay Tank Installation		7/1/2020	45,000	0	1.21	54,339	0%	100%	45,000	54,339	54,339
5552 - Facilities & Equip - Treatment		Miscellaneous Plant Equipment Demolition & Disposal		7/1/2020	30,000	0	1.21	36,226	0%	100%	30,000	36,226	36,226
5552 - Facilities & Equip - Treatment		Digester Improvements		7/1/2020	300,000	0	1.21	362,259	0%	100%	300,000	362,259	362,259
5554 - Facilities & Equip - Admin		Project Files Scanning		7/1/2020	20,000	0	1.21	24,151	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Alternative Funding Pursuit		7/1/2020	50,000	0	1.21	60,376	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Centricity Maintenance, Support & Training		7/1/2020	30,000	0	1.21	36,226	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		MFD/HOA/Commercial Lateral Ordinance Outreach/Surv		7/1/2020	10,000	0	1.21	12,075	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		OCC Administration Building Design		7/1/2020	1,746,775	0	1.21	2,109,282	0%	100%	1,746,775	2,109,282	2,109,282
5556 - Facilities & Equip - Pump Station		Annual Facility Painting at Various Locations		7/1/2020	30,000	0	1.21	36,226	0%	100%	30,000	36,226	36,226
5557 - Facilities & Equip - Reclamation		Reclamation Shop Improvements		7/1/2020	60,000	0	1.21	72,452	0%	100%	60,000	72,452	72,452
5557 - Facilities & Equip - Reclamation		Reclamation Bridge Load Capacity & Seismic Analysi		7/1/2020	25,000	0	1.21	30,188	0%	100%	25,000	30,188	30,188
5557 - Facilities & Equip - Reclamation		Automated Gate for Reclamation Bridge		7/1/2020	20,000	0	1.21	24,151	0%	100%	20,000	24,151	24,151
5552 - Facilities & Equip - Treatment		Rough Terrain Forklift CASE 586H		11/10/2020	92,447	0	1.21	111,632	0%	0%	0	0	0
5501 - Collection System Lines/Manholes		Asphalt temporary road		1/26/2021	60,000	0	1.15	68,810	0%	100%	60,000	68,810	68,810
5501 - Collection System Lines/Manholes		Ford F-350 Super Duty XL 4WD 2022		3/4/2021	68,500	0	1.15	78,558	0%	0%	0	0	0
5501 - Collection System Lines/Manholes		Ford Transit Cargo Van 2021 T-150 148" Med Rf 8670		3/15/2021	37,607	0	1.15	43,129	0%	0%	0	0	0
5501 - Collection System Lines/Manholes		Ford F-250 2WD SuperCab Truck		3/18/2021	33,986	0	1.15	38,976	0%	0%	0	0	0
5501 - Collection System Lines/Manholes		Ford F-250 2WD SuperCab Truck		3/18/2021	33,986	0	1.15	38,976	0%	0%	0	0	0
5501 - Collection System Lines/Manholes		2021 Toyota Rav4 Hybrid		5/4/2021	31,271	0	1.15	35,863	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Electric Carts (3) 2-person covered carts		6/30/2021	42,015	0	1.15	48,184	0%	0%	0	0	0

Las Gallinas Valley Sanitary District
 Exhibit 7
 Fixed Asset Listing as of June 2021

Sys ID	Class	Category Description	Contributed	Date Acquired	Total Cost	Total Accumulated Depreciation	ENR-CCI 7/1/2022 15,640 ENR Factor	Repl. Cost	% Depr.	% CFC (> \$5,000)	CFC Eligible Original Cost	Replacement Cost New (ENR)	Replacement Cost New (ENR) Less Depreciation
5501 - Collection System Lines/Manholes		Manhole Frames and Cover		7/1/2021	200,000	0	1.15	229,366	0%	100%	200,000	229,366	229,366
5501 - Collection System Lines/Manholes		Sewer Main Rehab 2018		7/1/2021	1,038,210	0	1.15	1,190,653	0%	100%	1,038,210	1,190,653	1,190,653
5501 - Collection System Lines/Manholes		Sewer Main Rehab 2020-2024		7/1/2021	500,000	0	1.15	573,416	0%	100%	500,000	573,416	573,416
5501 - Collection System Lines/Manholes		Sewer Main Capacity and Storage		7/1/2021	1,496,335	0	1.15	1,716,045	0%	100%	1,496,335	1,716,045	1,716,045
5501 - Collection System Lines/Manholes		Upgrade existing software to improve functionality		7/1/2021	174,000	0	1.15	199,549	0%	100%	174,000	199,549	199,549
5501 - Collection System Lines/Manholes		Miller Creek (repair, maintain, modify)		7/1/2021	225,000	0	1.15	258,037	0%	100%	225,000	258,037	258,037
5501 - Collection System Lines/Manholes		Contempo Marin MH N050.07 & Connection Improvement		7/1/2021	200,000	0	1.15	229,366	0%	100%	200,000	229,366	229,366
5552 - Facilities & Equip - Treatment		On-Call Construction & Engineering Contract		7/1/2021	500,000	0	1.15	573,416	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		On-Call Construction Contract (2021-2023)		7/1/2021	500,000	0	1.15	573,416	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		On-Call Inspection		7/1/2021	445,000	0	1.15	510,340	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Solar Relay Rehab Project (3) inverters & other rep		7/1/2021	450,000	0	1.15	516,075	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Plant Lighting Improv. & Other Electrical Enhancemc		7/1/2021	150,000	0	1.15	172,025	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Annual Plant Paving at Various Locations		7/1/2021	240,000	0	1.15	275,240	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Maintenance Shop & Locker Room Improvements		7/1/2021	50,000	0	1.15	57,342	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Canopy Install CNG Fueling		7/1/2021	150,000	0	1.15	172,025	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Asset Management Onboarding Task 2-4 CMMS CityWork		7/1/2021	2,830,000	0	1.15	3,245,536	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Asset Onboarding		7/1/2021	130,510	0	1.15	149,673	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Flow Equalization Basin		7/1/2021	1,000,000	0	1.15	1,146,832	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Hose Trailer Equipment		7/1/2021	10,000	0	1.15	11,468	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Mower Attachment Equipment		7/1/2021	27,000	0	1.15	30,964	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Smart Covers (3) Additional		7/1/2021	15,000	0	1.15	17,202	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Grit Chamber Coating & Auger Rebuild		7/1/2021	200,000	0	1.15	229,366	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Shock Arc Flash Hazard Analysis		7/1/2021	9,537,334	0	1.15	10,937,723	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Radio Antenna at Hawthorn Pump Station		7/1/2021	20,000	0	1.15	22,937	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Primary Clarifier #1 Repair		7/1/2021	0	0	1.15	0	0%	0%	0	0	0
5552 - Facilities & Equip - Treatment		Chemical Tanks Replacement & Eyewash Station		7/1/2021	0	0	1.15	0	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Integrated Wastewater Master Plan		7/1/2021	550,000	0	1.15	630,758	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Drafting Computer Software Upgrade		7/1/2021	10,000	0	1.15	11,468	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Integrated Financial Software-ASM		7/1/2021	100,000	0	1.15	114,683	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Website Improvement- O & M begin FY22-23		7/1/2021	40,000	0	1.15	45,873	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Sea Level Rise Mitigation Program Design		7/1/2021	500,000	0	1.15	573,416	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Standard Specs & Drawings Update Project-engineeri		7/1/2021	75,000	0	1.15	86,012	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		IT Pipes Software Upgrade for Video Interface-City		7/1/2021	43,000	0	1.15	49,314	0%	0%	0	0	0
5554 - Facilities & Equip - Admin		Fleet Maintenance Software Annual Licenses		7/1/2021	10,000	0	1.15	11,468	0%	0%	0	0	0
5556 - Facilities & Equip - Pump Station		SCADA Programming Reclamation P/S Panel		7/1/2021	1,000,000	0	1.15	1,146,832	0%	100%	1,000,000	1,146,832	1,146,832
5556 - Facilities & Equip - Pump Station		Captains Cove PS Upgrades		7/1/2021	50,000	0	1.15	57,342	0%	100%	50,000	57,342	57,342
5556 - Facilities & Equip - Pump Station		Marin Lagoon Pump Station		7/1/2021	800,000	0	1.15	917,466	0%	100%	800,000	917,466	917,466
5556 - Facilities & Equip - Pump Station		Smith Ranch Pump Station Electrical Upgrades		7/1/2021	60,000	0	1.15	68,810	0%	100%	60,000	68,810	68,810
5556 - Facilities & Equip - Pump Station		Standby/Towable Generators for Minor Pump Stations		7/1/2021	150,000	0	1.15	172,025	0%	100%	150,000	172,025	172,025
5556 - Facilities & Equip - Pump Station		Pump Station Site Lighting, Safety & Security Impr		7/1/2021	200,000	0	1.15	229,366	0%	100%	200,000	229,366	229,366
5556 - Facilities & Equip - Pump Station		Fencing Improvements at Various Locations		7/1/2021	70,400	0	1.15	80,737	0%	100%	70,400	80,737	80,737
5556 - Facilities & Equip - Pump Station		Shock Arc Flash Hazard Analysis		7/1/2021	6,537,333	0	1.15	7,497,225	0%	100%	6,537,333	7,497,225	7,497,225
5556 - Facilities & Equip - Pump Station		Automatic Transfer Switches for Pump Stations		7/1/2021	160,000	0	1.15	183,493	0%	100%	160,000	183,493	183,493
5556 - Facilities & Equip - Pump Station		Emergency Bypass Pumping Anaysis & Response Plan		7/1/2021	60,000	0	1.15	68,810	0%	100%	60,000	68,810	68,810
5556 - Facilities & Equip - Pump Station		Annual Facility Paving at Various Locations		7/1/2021	175,000	0	1.15	200,696	0%	100%	175,000	200,696	200,696
5556 - Facilities & Equip - Pump Station		Rafael Meadows Pump Station - Civil, fencing, othe		7/1/2021	580,000	0	1.15	665,163	0%	100%	580,000	665,163	665,163
5556 - Facilities & Equip - Pump Station		Mulligan PS Wetwell Upgrade		7/1/2021	310,000	0	1.15	355,518	0%	100%	310,000	355,518	355,518
5556 - Facilities & Equip - Pump Station		St. Vincent Pump Station Improvements		7/1/2021	400,000	0	1.15	458,733	0%	100%	400,000	458,733	458,733
5557 - Facilities & Equip - Reclamation		Marsh Pond Vegetation Replacement		7/1/2021	150,000	0	1.15	172,025	0%	100%	150,000	172,025	172,025
5557 - Facilities & Equip - Reclamation		Reclamation Pump Station Improvements		7/1/2021	150,000	0	1.15	172,025	0%	100%	150,000	172,025	172,025
5557 - Facilities & Equip - Reclamation		Reclamation Pasture Irrigation System Study		7/1/2021	90,000	0	1.15	103,215	0%	100%	90,000	103,215	103,215
5557 - Facilities & Equip - Reclamation		Shock Arc Flash Hazard Analysis		7/1/2021	2,637,333	0	1.15	3,024,579	0%	100%	2,637,333	3,024,579	3,024,579
5557 - Facilities & Equip - Reclamation		Biosolids Systems Improvement Analysis		7/1/2021	148,000	0	1.15	169,731	0%	100%	148,000	169,731	169,731
5557 - Facilities & Equip - Reclamation		Reclamation Storage Pond Valves & Catwalk Piers		7/1/2021	175,000	0	1.15	200,696	0%	100%	175,000	200,696	200,696
5554 - Facilities & Equip - Admin		Solar Panel Replacement Assistance		12/10/2021	17,600	0	1.15	20,184	0%	0%	0	0	0
5501 - Collection System Lines/Manholes		2022 RAM 5500 Reg Cab 4x4 Service Truck		2/18/2022	202,135	0	1.00	202,135	0%	0%	0	0	0
					\$122,464,168	\$63,192,165		\$333,771,635			\$101,193,301	\$307,016,428	\$56,342,845

Las Gallinas Valley Sanitary District
 Exhibit 7
 Fixed Asset Listing as of June 2021

Sys ID	Class	Category Description	Contributed	Date Acquired	Total Cost	Total Accumulated Depreciation	ENR-CCI 7/1/2022 15,640 ENR Factor	Repl. Cost	% Depr.	% CFC (> \$5,000)	CFC Eligible Original Cost	Replacement Cost New (ENR)	Replacement Cost New (ENR) Less Depreciation
					Total Cost	Total Accumulated Depreciation		Repl. Cost			CFC Eligible Original Cost	Replacement Cost New (ENR)	Replacement Cost New (ENR) Less Depreciation
FUNCTION													
5501 - Collection System Lines/Manholes					\$30,899,766	\$22,387,897		\$142,311,166			\$30,348,779	\$141,552,147	\$14,515,012
5502 - Facilities & Equip - Admin					0	0		0			0	0	0
5551 - Collections Dept Equipment					2,002,256	1,913,182		5,472,632			1,961,118	5,367,273	154,123
5552 - Facilities & Equip - Treatment					41,236,195	20,163,840		89,339,505			23,234,661	67,717,652	5,643,450
5553 - Facilities & Equip - Disposal					8,141,898	8,139,243		28,073,364			8,098,212	27,950,248	4,302
5554 - Facilities & Equip - Admin					4,064,949	518,830		5,758,957			2,349,611	3,564,694	2,404,420
5555 - Facilities & Equip - Lab					497,905	482,983		1,230,172			0	0	0
5556 - Facilities & Equip - Pump Station					21,244,397	8,923,067		40,688,356			20,983,220	40,299,438	14,408,877
5557 - Facilities & Equip - Reclamation					4,544,817	663,122		6,085,341			4,431,757	5,822,601	4,470,287
5558 - Facilities & Equip - Recycled Water					9,831,986	0		14,812,143			9,785,944	14,742,374	14,742,374
TOTAL					\$122,464,168	\$63,192,165		\$333,771,635			\$101,193,301	\$307,016,428	\$56,342,845
Contributed													
5501 - Collection System Lines/Manholes			Contributed		\$10,502,155	\$10,119,671		\$78,628,258			\$10,502,155	\$78,628,258	\$4,492,683
5551 - Collections Dept Equipment			Contributed		0	0		0			0	0	0
5552 - Facilities & Equip - Treatment			Contributed		0	0		0			0	0	0
5553 - Facilities & Equip - Disposal			Contributed		0	0		0			0	0	0
5554 - Facilities & Equip - Admin			Contributed		0	0		0			0	0	0
5555 - Facilities & Equip - Lab			Contributed		0	0		0			0	0	0
5556 - Facilities & Equip - Pump Station			Contributed		2,629,746	2,629,746		7,747,630			2,629,746	7,747,630	0
5557 - Facilities & Equip - Reclamation			Contributed		0	0		0			0	0	0
5558 - Facilities & Equip - Recycled Water			Contributed		0	0		0			0	0	0
TOTAL					\$13,131,900	\$12,749,417		\$86,375,888			\$13,131,900	\$86,375,888	\$4,492,683

11/17/2022

BOARD MEMBER REPORTS

CLARK

NBWA Board Committee, Operations Control Center Ad Hoc Committee , Legal Services Ad Hoc Committee, 2022 HR Ad Hoc Committee, Other Reports

FORD

NBWRA, Marin Special Districts Association, 2022 Engineering Ad Hoc Committee re: STPURWE, 2022 Operations Control Center Ad Hoc Committee, 2022 HR Ad Hoc Committee, 2022 McInnis Marsh Ad Hoc Committee, Other Reports

MURRAY

Marin LAFCO, CASA Energy Committee, 2022 Biosolids Ad Hoc Committee, Other Reports

SCHRIEBMAN

JPA Local Task Force, Gallinas Watershed Council, Other Reports

YEZMAN

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

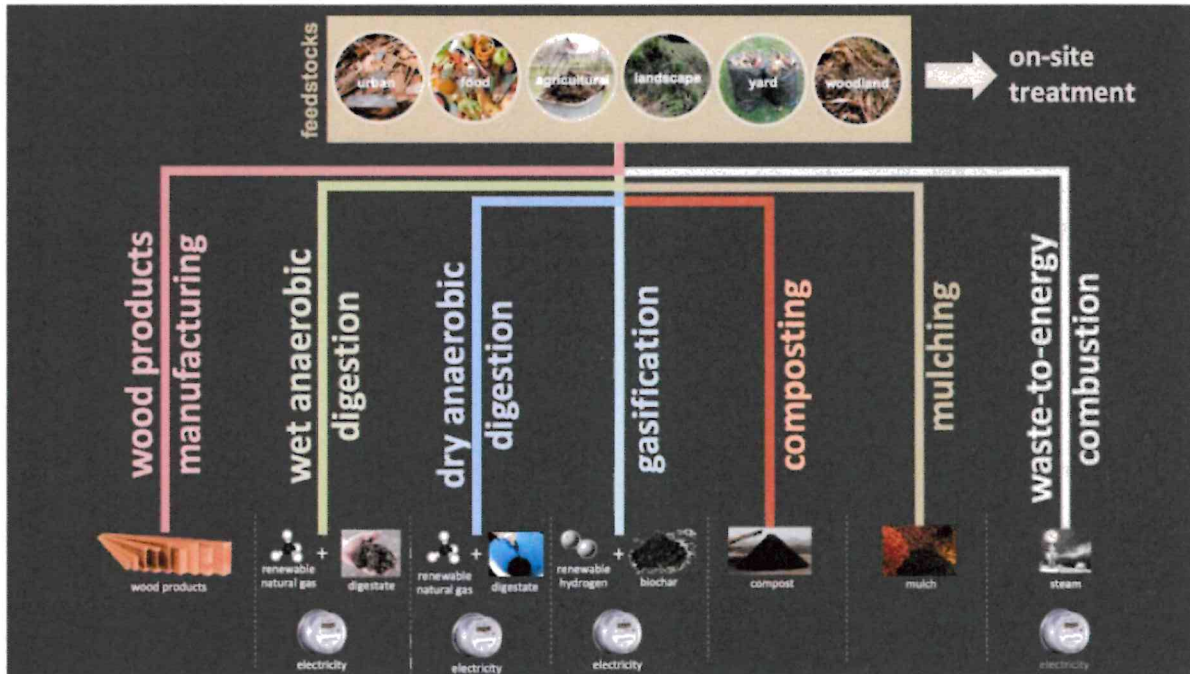
11/4/22 Marin Biomass Project Presentation – Chad White

Craig K. Murray

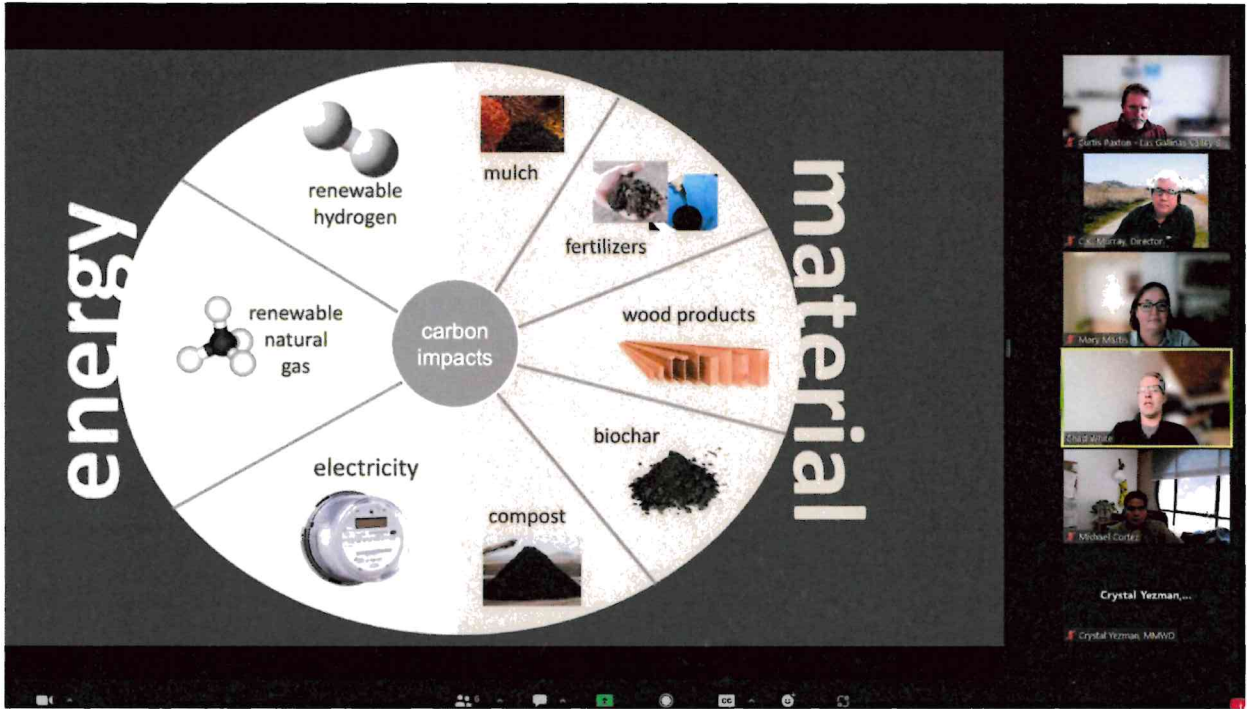
Attendees: Curtis Paxton; Michael Cortez, Mary Martis; Crystal Yezman; Craig K. Murray.

Project: Wildfire Prevention Biomass Project is center of effort.

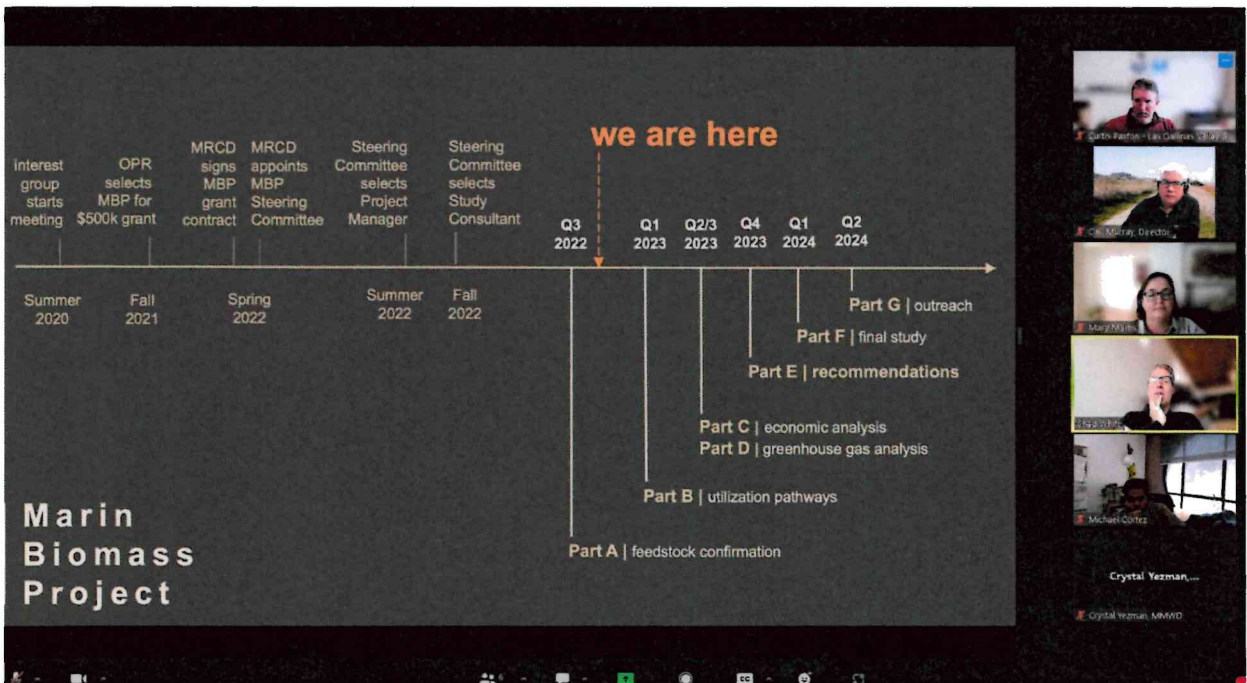
AB 1826 Food Scrap Collection. Like to see more as CMSA. MM: Contamination w/Food v. MM: Looking at all green waste but composting biology can't handle w/Food Waste. CW: What might be possible. Review: le biochar introduction and what happens. MM: composting biosolids feasibility study. 1 ton/need 2-3 tons of green waste. Is there enough mass? Lgvsd in 9 acres can handle all biosolids of 6 WW agencies in Marin, 15k wet tons, 20% cake. 15k tons/year min. needed to make drying of biosolids financially viable. Currently at 5k tons/year.. MM: 1mgd/day: assume 1,000 wet tons at 20% or 2000 dry tons/year. CW: Cities have to pay to go away, buy it back. SF takes materials to Fairfield and Vacaville. CW: Marin has high % self haul. Member agencies and MWPA and what we plan to do.

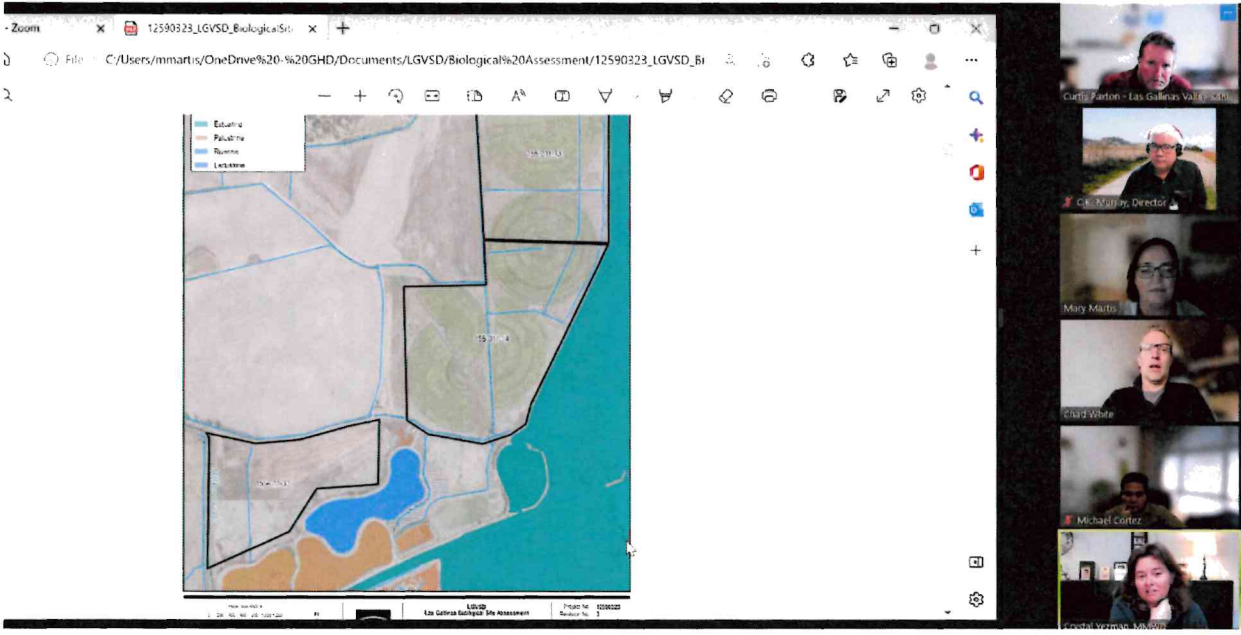
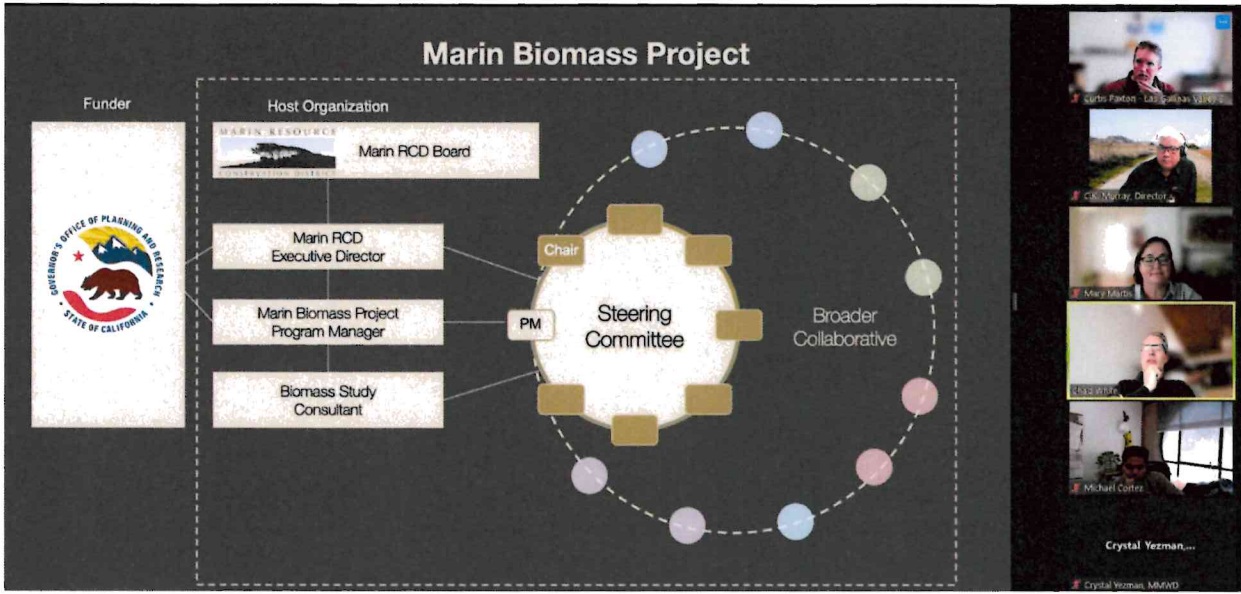


CHAD



Carbon Cycle and lifecycle impacts. Marin Resource Conservation District (MRCD) hired through OPR (funder Gov. Office of Planning and Research, State of CA).





Treated Plant effluent storage, Class B biosolids, 1 year permit, 155-011-33 parcel (66 acres) permit State General Order from disposal to beneficial use. Biosolids land acreage to go to spray fields (200 acres) – future onsite composting site, injection site (9 acres)- future County biosolids receiving facility. MM: Can store biomass -don't need to co-compost first. MM: very few districts with 300 acres adjacent to plant. San. District No.5 Tiburon – so worried 50 miles to haul \$70/ton to Lystek in Fairfield but 5 years \$40/ton. 13 miles to Redwood Landfill. MM: EBMUD over 1M miles/year hauling biosolids, most expensive. MM: Hayroad Plant to close to biosolids there is no way for SF to go. CW: Landfill in our air district, facility in Solano air district. MM: Land Application Facility Study. San District No.5 did study on LGVSD facilities. MM: Active concerns of PFAS and other unregulated chemicals. Look at Fate and Transport of those chemicals in the area. We only need 5 acres for pilot. Generate more PFAS thought as you break down the chains New Hampshire facility study to look at. CW: dry biosolids? MM: dry to reduce to be hauled. Get rid of a lot of water thru biodrying. Don't want to go above 70% or have dust concerns. CY: Only WW in Bay Area to recv. State Water Board permit to go ahead. CW: I hope air district is amenable. Do it under existing permit? MM: Neg Dec and Pilot to satisfy air board. Piping for aerostatic piles we are doing. Redwood Landfill is doing. CW: to MM links to docs. MM: 2or 3 PPTs. Outside main project Scope: Marc Brown Director Marin Wildfire Prev. Agency & study of recycled water delivery and use in equipt. in fire prone open space areas. CY: know Marc Brown, Jason Webber. ## #



**BOARD MEMBER
MEETING ATTENDANCE REQUEST**

Date: _____ Name: _____

I would like to attend the _____ Meeting
of _____

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

Location of meeting: _____

Actual meeting date(s): _____

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

Purpose of Meeting: _____

Meeting relevance to District: _____

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

Frequency of Meeting: _____

Estimated Costs of Travel (if applicable): _____

Date submitted to Board Secretary: _____

Board approval obtained on Date: _____

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

11/17/2022

BOARD AGENDA ITEM REQUESTS

Agenda Item 7B

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

NEWS

Recycled Water May Prove Crucial for Northern California Amid Ongoing Droughts, Climate Change



LISTEN

By Ezra David Romero Oct 25

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Beakers on display show results of the four steps in the water-purification process: treated wastewater, microfiltration, reverse osmosis and purified water, at the Silicon Valley Advanced Water Purification Center in San José on Sept. 23, 2021. (Beth LaBerge/KQED)

The San Francisco Bay Area is far behind Southern California in reusing water. Policy experts say it could take decades for the state's second-most populous region to catch up — the lower half of the state recycled 83% more water than the Bay Area last year.

Standing outside Google's Bay View campus in Mountain View in early August, wearing a pool-blue collared shirt and a gray blazer, California's Natural Resources Secretary Wade Crowfoot pressed the state's northern region to do more.

“If you spend time in Orange County, there's a chance that you're consuming purified water that's been recycled,” he said. “We need to expand water recycling throughout the Bay Area.”

With two multiyear droughts in a decade and the pace of human-caused climate change accelerating each year due to the burning of fossil fuels, agencies across the region are finally grappling with the need for more recycled water and whether to expand the purple pipe systems that carry it. Boosting water recycling around the Bay Area could have a secondary benefit: preventing red tides or algal blooms in the bay that threaten marine life.

'Many in the Bay Area don't realize that they are just as dependent on imported water as Southern California (is). The majority of our water comes from 100 miles away.'

—Felicia Marcus, visiting fellow, Stanford University Water in the West program

“Southern California communities, they've kind of had to grapple with this, crack this nut and solve this problem a little bit sooner than other California communities,” said Annalisa Kihara, assistant deputy director of the division of water quality with the State Water Resources Control Board.

Scientists project that California's climate will grow more arid and could provide 10% less water statewide by 2040. Kihara said recycled water must be part of the state's plan to adapt to drought.

But most water agencies in the nine Bay Area counties are cautiously waiting to invest until the long-awaited, state-approved regulations for mixing toilet water and tap water — what officials call "direct potable reuse" — go into effect.

Recycled wastewater is currently not allowed to be directly pumped into drinking water sources, but the new rules, which could go into effect in late 2023, might change that, ushering in a new era of water treatment in California.

Gov. Gavin Newsom has called for the state to increase water recycling by 60% by 2040, or 1.8 million acre-feet yearly. Last year, the state recycled 731,000 acre-feet and will need to spend billions of dollars to reach that 2040 target.

The Bay Area hasn't truly taken the leap into large-scale water recycling, with a few exceptions. In 2021, from Healdsburg to San José, the region recycled nearly 78,000 acre-feet of water, a small fraction of what the region uses yearly.

RELATED COVERAGE

California Drought Enters Fourth Year With Little Respite on the Horizon

Looking for Solutions to Drought and Deluge by Asking 'What Does Water Want?'

Can California's Agriculture Survive Extreme Drought? Should It?

Historical necessity is part of the reason that Southern California is so far ahead of the Bay Area. Most of the rain falls in the northern part of the state, and yet most Californians live in the southern part of the state (the Bay Area's population of 8 million is about a third of that of Southern California).

But Felicia Marcus, visiting fellow at Stanford University's Water in the West program and past chair of the California State Water Resources Control Board, notes that San Francisco, Santa Clara and other Bay Area counties also rely on water from other places.

“Many in the Bay Area don't realize that they are just as dependent on imported water as Southern California (is). The majority of our water comes from 100 miles away,” she said.

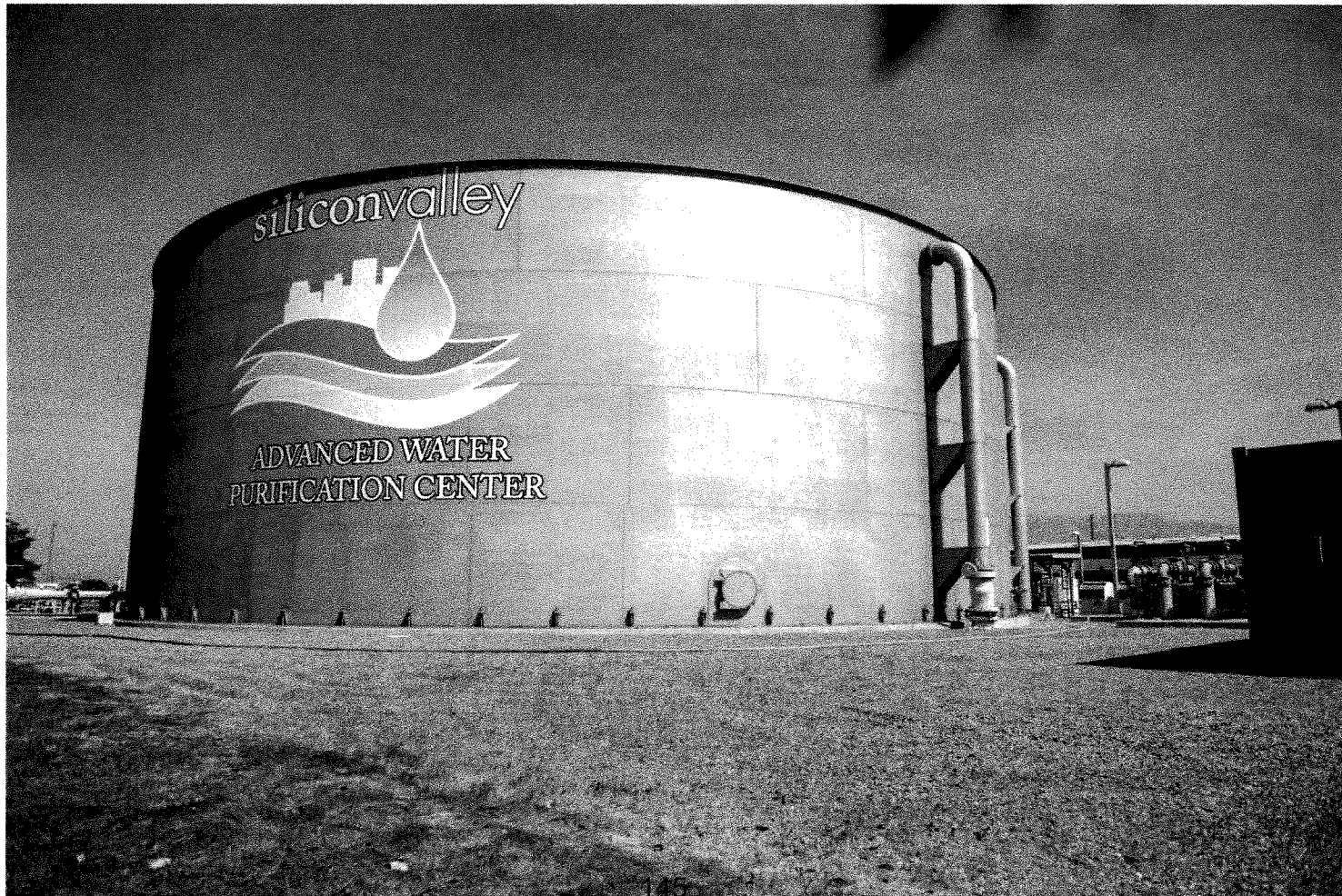
Southern California invested in water recycling first because they have fewer rights to water from the Sierra Nevada. But now that the Bay Area faces increasingly hot summers and droughts super-fueled by climate change, Marcus said the region must follow.

A solution for red tides?

Earlier this year, the worst ecological disaster in recent memory gripped the Bay Area. An algal bloom killed thousands of fish across the Bay Area. Scores of bat ray, crab, flounder and striped bass carcasses washed up along the shoreline from Lake Merritt to Fort Funston to Oyster Point in San Mateo County.

Scientists aren't entirely sure what caused the algal bloom but believe the red tide, vividly seen from the sky, is climate-related and linked to treated sewage.

“We just experienced this horrendous algae bloom and fish-kill,” Marcus said. “A lot of that has to do with nutrients in the waterway.”



Wastewater treatment plants unload nutrients — cleaned-up particles of human waste — as a by-product released into the bay. Marcus said that if the Bay Area cleans wastewater to a higher level and reuses much of that water rather than dumping it, it could prevent harmful algal blooms in the bay.

The San Francisco Bay Regional Water Quality Control Board, which regulates wastewater treatment across the region, is mandating that all agencies study the impact water recycling could have on their operations and the bay.

“We're feeling pretty confident that the nutrients in the bay help the bloom grow,” said Eileen White, head of the agency. “It’s one of the reasons we're asking wastewater utilities to look at recycled water.”

White said the final results could come next summer. The price to update wastewater treatment plants to better account for nutrient loading could cost in the ballpark of \$12 billion, according to the Bay Area Clean Water Agencies, which represents the plants.

'It's the perfect time'

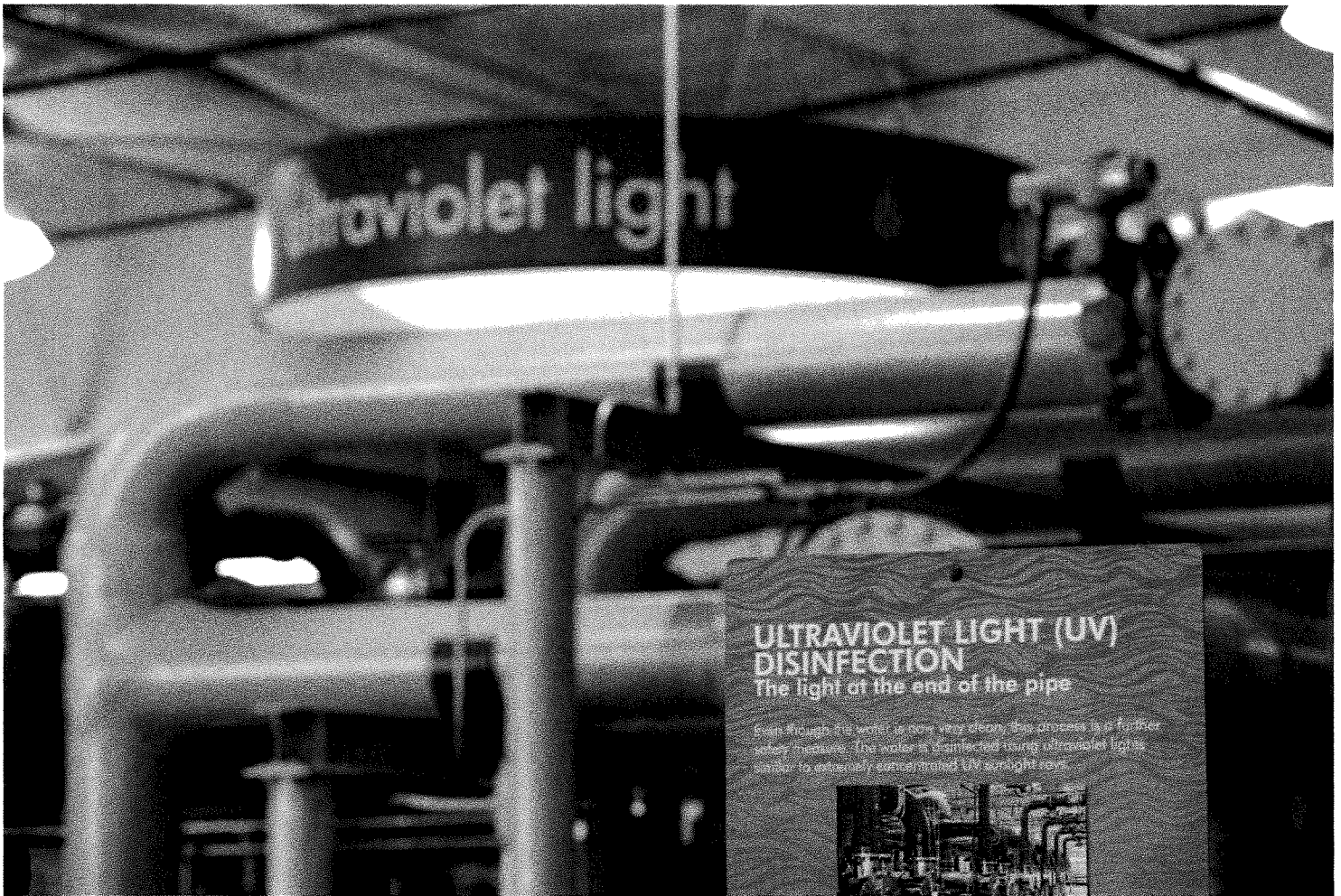
Valley Water, which serves more than 2 million residents in the South Bay, is one of the agencies eagerly awaiting the state’s decision on direct potable reuse. The agency runs a wastewater recycling plant and by 2025 aims to double the 5% of the water it recycles yearly.

That’s enough to supply 74,000 households with water a year. But Marcus says that’s chump change compared to what is needed.

“I don't understand why Valley Water is only going for 10% when they are perhaps the most vulnerable population of a large city,” she said. “You would think they would put the pedal to the metal on everything.”

One of the reasons Valley Water isn’t doing more is because of the cost — millions, if not billions, of dollars in both upfront and long-term maintenance, which could significantly decrease with state and federal infrastructure dollars.

It’s pricey to build a water recycling facility, but even more costly to create a separate system to transport water, said Kirsten Struve, the agency’s assistant officer for water supply.



The ultraviolet-light step in the water purification process at Silicon Valley Advanced Water Purification Center in San José on Sept. 23, 2021. (Beth LaBerge/KQED)

“Once direct potable is an option, recycled water can go to one of our drinking-water treatment plants and we wouldn't need a whole new pipe system,” she said.

Up the peninsula, the San Francisco-Peninsula Regional PureWater Project is leading an effort to turn 12 million gallons of wastewater daily into drinking water. They'd like to store the recycled water in a reservoir or pump it straight into drinking water pipes.

“The concept that we take potable drinking water, poo and pee in it, and just flush it down the toilet is a travesty,” said Teresa Herrera, Silicon Valley Clean Water manager. Herrera is leading the project to help secure drinking water supplies between Redwood City and San Francisco.

The project is in its early phases. Herrera said a proposal outlining the next steps could come next year.

The real leader of water recycling in the Bay Area is Santa Rosa, which reuses 98% of its wastewater. The agency pipes recycled water to three other cities — Rohnert Park, Cotati and

Sebastopol, as well as additional, unincorporated areas — a geothermal energy operation, and farms, said Jennifer Burke, director of Santa Rosa Water.

This past summer, Santa Rosa began a study on how to make the city’s water system climate-resilient. It includes a focus group considering adding direct potable reuse to its existing water recycling system.

“This allows us to prepare for the future,” Burke said.

'I don't think we should feel numb'

As Bay Area water agencies begin boosting water recycling, Charisma Acey, city and regional planning professor at UC Berkeley, worries that affluent neighborhoods might receive tasty mountain-sourced Hetch Hetchy water and lower-income communities of color will be delivered recycled wastewater.

“We need to make sure things don't become tiered where one level of service that's perceived as inferior, even though it might be far more environmentally friendly, is only used by one group of society,” she said.

On another point about equity, Samuel Sandoval Solís, professor of water resources management at UC Davis, said if the Bay Area recycles enough water, decreasing demand on the Sierra, some of that water saved could be made available for the more than 1 million people in the state — mainly in the Central Valley — who don’t have access to clean and affordable drinking water.

“The conversation should focus on how we can provide water to these million people that, by the way, put a lot of food on the table for people in the Bay Area,” he said. “I don't think we should feel numb by this number.”

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News Feature | October 26, 2022

San Francisco's Nutrient Removal Bill Approaches \$1.5 Billion



By [Peter Chawaga](#)

Though the peak season for harmful algal bloom in source water is coming to a close, the costs of protecting the San Francisco Bay from nutrient pollution is approaching a startling figure.

“Removing nutrients from the wastewater that flows from San Francisco sewage plants into the bay — which likely encouraged the growth of massive algae bloom this summer — could cost up to \$1.5 billion,” the [San Francisco Chronicle](#) reported. “The main source of these nutrients is treated wastewater coming out of 37 sewage treatment facilities, and San Francisco is responsible for up to 20% of those nutrients.”



Nutrients like nitrogen and phosphorus are responsible for growing amounts of toxic algae blooms in source water all over the country, and these blooms can lead to dangerous consequences for drinking water. This was the case for Toledo, Ohio, which [instituted a high-profile ban on drinking water use in 2014 due to toxic algae](#).

With rising temperatures, increased use of fertilizers, and more factors driving toxic algae growth, [numerous states](#) have implemented reduction measures. Now, it appears San Francisco's efforts will further emphasize the rising costs of this contamination.

“Upgrading San Francisco’s main wastewater treatment plant to remove nitrogen from a portion of its wastewater could cost \$75 to \$100 million, while doing so for all of its wastewater would cost up to \$1.5 billion,” according to the [Chronicle](#). “The San Francisco Bay Regional Water Quality Control Board has said it will likely require a cap on nutrients when the agencies’ regional permit comes up for renewal in 2024.”

Even though it faces a particularly steep price tag, San Francisco has the opportunity to demonstrate a commitment to solving a problem shared by many other communities across the world. As it seeks to find the funding necessary to fix its nutrient issues, it may establish a helpful model.

“San Francisco, and other Bay Area cities, can’t do much about warmer days and climate change, but they can do something to cut back on all the nitrogen and phosphorus that’s dumped in the bay from wastewater treatment plants,” per [NBC Bay Area](#). “The hope is San Francisco can lead the way for other municipal water treatment plants to do the same.”

To read more about how wastewater operations mitigate nitrogen and phosphorus contamination, visit Water Online's [Nutrient Removal Solutions Center](#).

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Alpine Lake, a Marin Municipal Water District reservoir in the Mount Tamalpais watershed, is shown on Aug. 20, 2021. PHOTOS BY SHERRY LAVARS — MARIN INDEPENDENT JOURNAL

BY WILL HOUSTON

WHOUSTON@MARINIJ.COM

After two years of drought crises at the Marin Municipal Water District, voters might have ousted two longtime board members and replaced them with advocates for expanding local supplies.

Election night results on Tuesday showed 28-year incumbent Jack Gibson and eight-year incumbent Larry Bragman potentially losing their seats. Both were trailing their challengers by more than 1,000 votes each.

Ranjiv Khush of San Anselmo had a strong lead over Bragman for the Division 3 seat after securing nearly 60% of the vote. Bragman had 31% of the vote while a second challenger, nonprofit director Jack Kenney, had 9%.

In Division 1, firefighter Matthew Samson of San Rafael secured 61% of the vote over Gibson.

Many ballots remain to be counted at the county elections office. Ballots that arrive at the elections office by Nov. 15 will be counted if they were postmarked on or prior to Election Day. The next update of Marin vote totals is scheduled for Thursday.

Khush, a water scientist and project director of the Aquaya Institute, an international water research and consulting group, said the results show local residents and ratepayers want to transition the district's water supply away from being dominantly rainfall-dependent.

“There is a real unified, dominant concern that we need to get out of a cycle that perpetuates shortages and occasional crises,” Khush said. “Solutions are needed to get out of that cycle.”

Samson, a deputy fire chief with the South San Francisco Fire Department, conveyed a similar sentiment.

“It’s time for some change on the water board,” he said.

In Division 4, Jed Smith, the chief executive of the Catamount Ventures venture capital firm, has a strong lead over Shana Katzman, a lecturer at the University of California, Berkeley. Smith carried 64% of the vote.

“I hope to be a good steward for our community and look forward to partnering with the board and staff as we navigate the future of Marin water in the face of drought,” Smith said Wednesday. “Long live this very special place that we call home.”

Smith had advocated for the district to remain open about options for its water supply. Katzman stated she did not support certain supply options, such as desalination plants or a pipeline to pump in water purchased from the Sacramento Valley, because of environmental and human health impacts.

The potential unseating of Bragman and Gibson, in combination with the upcoming retirement of 17-year Division 4 board member Cynthia Koehler at the end of the year, would bring about one of the largest shifts in leadership in decades to the agency that serves 191,000 central and southern Marin residents.

The three newcomers would transition the board away from a longstanding majority of veteran members. Larry Russell, the board president and a member since 2004, would become the longest-serving sitting member. Board member Monty Schmitt was elected in November 2020.

Larry Minikes, a former member of the district’s citizen’s oversight committee and a Marin Conservation League board member, said the changes would mark “a new era” for the district, but said many challenges lie ahead.

Among them is choosing what water supply projects the district will pursue following a yearlong study set for completion by early 2023. Some of the options, which include desalination, a water pipeline and enlarging existing reservoirs, could come with significant new costs ranging in the hundreds of millions of dollars.

The district is also facing other pressures from aging facilities, fire prevention projects in the district-managed Mount Tamalpais watershed, reduced water rate revenue during the drought and impacts from climate change.

“All of these combined are really going to fill the plate of the new board,” Minikes said. “They will have a lot to look at and a lot of long-term decision-making to do.”

Groups that supported the change in board leadership, including the Coalition of Sensible Taxpayers and the Marin Coalition for Water Solutions, expressed optimism about the potential change in leadership.

“We need to look at different solutions,” said Mill Valley resident Kristi Denton Cohen, a cofounder of the Marin Coalition for Water Solutions. “The technology is changing and evolving and one solution cannot be dismissed out of hand for another. We believe that we need a four-year supply and that a two-year supply is not enough.”

“The three newly elected directors are committed to acting to secure us a four-year water supply that’s ready for future drought,” said Mimi Williard, president of the Coalition of Sensible Taxpayers.

The group is in litigation with the water district over the legality of a fixed fee charged to customers.

While the final vote tallies will not be completed for several weeks, both Bragman and Gibson said the results favor a change in the board.

Gibson, who has served on the board since 1994, said he will continue to stay involved in local water issues and pursue further studies into the history of the district in the Bay Area.

"I think we have a top-notch staff that has us in a very good position to make some progress on our water supply and to actually do something," Gibson said Wednesday. "I'm hoping for the best. We're all trying to get to the same place. I'll be rooting for them."

Bragman said climate change will be adding new challenges for the district in the coming years that "must be respected, not conquered."

"The new directors will be facing some very challenging financial conditions at the same time they've promised to move forward on some extremely costly infrastructure projects like potable reuse of recycled wastewater and desalination," Bragman said. "I hope the new board will have the patience and humility to move forward on the sensible and affordable water efficiency, conservation and local storage options that are within the immediate grasp of our small community of 60,000 ratepayers."

Chance Cutrano, chair of the Sierra Club San Francisco Bay Chapter and a Fairfax town councilman, said the Sierra Club supported the reelection of Gibson and Bragman because of their understanding of the impacts of the climate crisis, their institutional knowledge of the watershed and their efforts to protect resources for both local residents and the watershed.

"In recent years, Jack and Larry helped to set Marin Water on its current path to explore a variety of solutions to improve our local water supply; that work will pay dividends for years to come," Cutrano wrote in a statement. "The Sierra Club looks forward to working with the incoming board members to build more resilient, efficient systems that serve their constituents while also protecting our increasingly fragile ecosystem."

Marin Conservation League board member Nona Dennis said that while the potential board newcomers focused heavily on new water supplies during their campaigns, they are lacking in knowledge about the complexity of the Mount Tamalpais watershed that supplies the district's water.

"We have talked with all three of them and we know all three of them have a steep learning curve to understand what goes on in the watershed," Dennis said.

Teresa Lerch

From: Teresa Lerch
Sent: Monday, November 14, 2022 8:12 AM
To: Teresa Lerch
Subject: FW: 5 Insurance tips for organics recyclers • RNG in Denmark • In-vessel food waste composting

From: BioCycle CONNECT <biocycleconnect@biocycle.net>
Sent: Wednesday, November 9, 2022 10:15 AM
To: Craig Murray <Craig_Murray@ci.richmond.ca.us>
Subject: 5 Insurance tips for organics recyclers • RNG in Denmark • In-vessel food waste composting

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FOOD WASTE DEPACKAGING SYSTEMS

OL. 3, NO. 21 | November 9, 2022



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21 Year-Old Initiative
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5 Tips To Getting Best Environmental Insurance Policy



Matthew Karmel

Even though many compost manufacturers and haulers believe they have adequate insurance, my discussions with numerous operators suggest most are still missing a key coverage: environmental insurance. Often, composters believe environmental risks are covered by their general liability policy, but that is unlikely. Instead, commercial general liability and other traditional policies typically contain broad exclusions for risks arising from pollution conditions, which in turn includes risks arising from organic wastes.

Runoff from a windrow impacting a nearby stream? Probably not covered under your general liability policy. Cleanup of food waste from a truck accident? Not covered either. Odor

The Role of Farms in Decentralized Composting

Thursday, Nov 17th
12 - 1:30 p.m. ET



Webinar presenters:
Florian Amlinger (Austria)
Ramón Plana González-Sierra (Spain)

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complaints from a neighbor? Nope. PFAS in groundwater from your operations? Definitely not.

In order to attempt to cover these risks and others, composters should consider obtaining environmental insurance. While the cost of this insurance depends on site-specific factors (e.g., site history, nearby natural resources, housing) and can be high, the premiums have decreased as the environmental insurance market has matured. And not having the insurance is sometimes even more expensive. Large waste generators and investors also may require this insurance contractually, so it's important to get this coverage in place to help your business grow.

Based on years working with composters through the US Composting Council and the New Jersey Composting Council, and my experience as an attorney negotiating environmental insurance policies, composters that want good environmental insurance coverage should keep in mind the following tips. These tips also apply to anaerobic digestion/biogas facilities and other waste and recycling businesses, although there are some differences.

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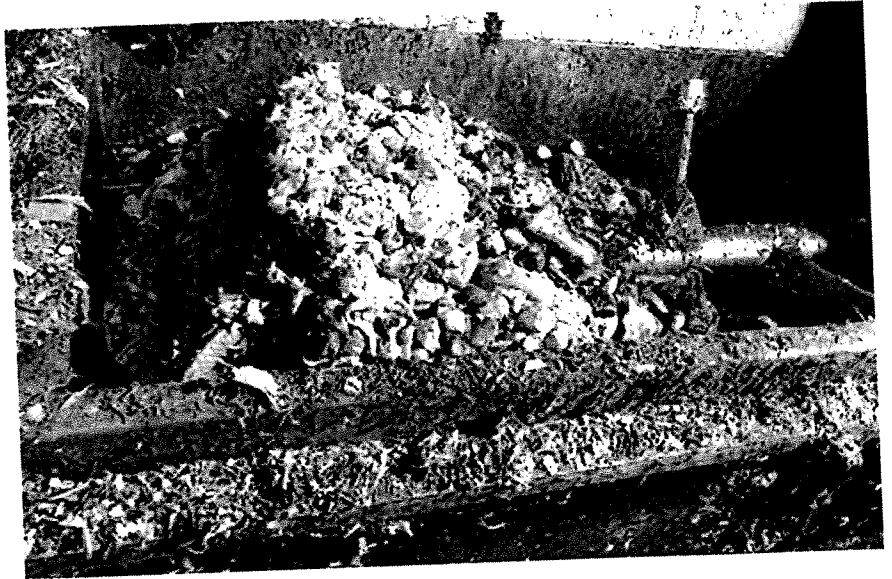
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In-Vessel Composting Of Campus Food Scraps



Robert Spencer

Allegheny College in Meadville, Pennsylvania started food scraps composting in 2001, the first higher education institution in the state to do so. Twenty-one years later, the program remains an integral component of sustainability for the campus dining facilities, grounds maintenance, and academics. Since establishing its environmental studies program in the early 1970s, the Department of Environmental Science and Sustainability has grown to be one of the largest departments in terms of students and faculty at the college.

Kelly Boulton, an alumni, was hired as Director of Sustainability in 2008 to coordinate the numerous sustainability programs in recycling, energy conservation, and greenhouse gas reduction. She notes that BioCycle's 2008 article about the composting program has been provided to numerous colleges who inquire about Allegheny's integration of composting and sustainability. "Our composting program

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has been very successful in diverting waste from the landfill, reducing our carbon footprint, and providing organic fertility for our campus lawns and gardens,” says Boulton. “It also results in financial savings and creates opportunities for faculty and students to integrate composting into their classes and research.”

Collection And Composting

The food service contractor, Aramark, diverts both pre and postconsumer food waste, including BPI-certified compostable serving ware and cutlery from two dining halls. The building and grounds staff collect totes of food scraps and hauls them to the composting facility. An in-vessel Wright Environmental aerobic composting machine is located inside a building that is set on a remote part of the campus near the athletic fields. The unit is totally enclosed excepting for a compost discharge conveyor that passes through the wall. A biofilter is a permanent part of the unit. Contents in the leachate holding tank can be pumped into the municipal sewer system.

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Success With Residential Food Scraps Drop-Off

The City of Charleston, South Carolina launched a residential food scraps drop-off pilot in January 2022 with grant funding from the South Carolina Department of Health and Environmental Control (DHEC). The grant, which enabled the city to test the logistics at three initial sites, covered drop-off site infrastructure (charts, signage, etc.), counter top bins to give to residents, food scraps hauling, and marketing and outreach materials.

[READ MORE](#)



Danish Biogas To RNG

In 2021, conditioned biogas injected into Denmark's gas grid reached a record-breaking 25%, according to the Ministry of Foreign Affairs of Denmark's Trade Council. The renewable natural gas (RNG) is from biogas produced by anaerobic digestion facilities in the country. "Experts expect this number to rise to at least 30% by the end of this year, and 70% in 2030," says the Trade Council.

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Zero Waste, Zero Emissions

The introduction of zero waste systems in cities around the world would be one of the quickest and most affordable ways to reduce global heating and stay below 1.5°C of warming, according to a new report - Zero Waste to Zero Emissions: How Reducing Waste is a Climate Gamechanger — released by the Global Alliance for Incinerator Alternatives (GAIA).

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Results May Vary



Compost makes everything better. Very often that is true. Sometimes it isn't. A few years ago, I had this great idea for a study. Test compost (and other soil amendments) side by side against chemical fertilizer in urban gardens. I was sure that the amendments would make the soil healthier and give you more and healthier vegetables. I thought that the same way that organics heal the soil, they would yield even healthier kale (if such a thing is possible). The answer was not a resounding yes, more of an "it depends."

We set up the field portion of the study at three sites. Each had a history of amendment use, enabling us to compare the impacts of long-term use of amendments to newly fertilized soils. At each site fertilizer was added to fresh soil at rates of 178 kg/ha for each of nitrogen, phosphorus and potassium (NPK). One site was the prison in Monroe, Washington. Inmates had set up a great program where food scraps were turned into vermicompost. The prison has a garden where a wide range of vegetables are grown. In between two old brick

A black and white advertisement for a webinar. It features a large black tank with a person standing next to it. The text on the tank reads "Webinar December 7th" and "BIOMETHANE / RNG Making the most of your upgrading process". At the bottom right, it says "Register Today".

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A black and white advertisement for the CleanSweep Tarps System. It shows a truck with a tarp system installed. Three white arrows point downwards from the tarp system. The text reads "CleanSweep® Tarps System" and "The ideal accessory for your WALKING FLOOR® trailer." At the bottom, there is a "LEARN MORE" button and the "KEITH MANUFACTURING CO" logo.

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structures and surrounded by barbed wire and armed guards, this seemed like an extreme version of an urban setting. The second site was at City Soil Farm on the grounds of a wastewater treatment plant in Renton (WA). City Soil Farm is used for demonstration and outreach as part of the King County (WA) Wastewater Division's educational program. The plant and farm are right near a big mall and two major highways. The final field site was at the Tacoma (WA) wastewater treatment plant. We used an area that had been a demonstration garden for years and another area planted in shrubs as the control. The delivery trucks and customers' vehicles drove between the two sets of plots with the train tracks just outside the gates.

At each site, the locally produced amendments were tested next to the chemical fertilizer. For Monroe that meant vermicompost. At City Soil Farm we used a biosolids compost, made from biosolids from the plant and sawdust ...

CONTINUE

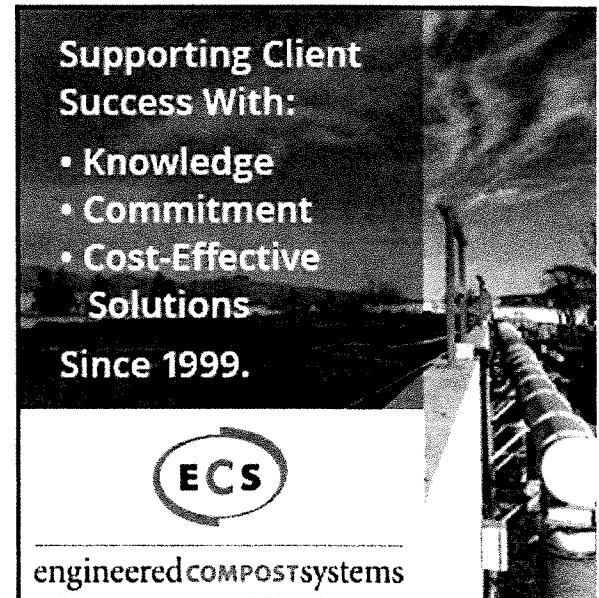


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Roger Tim Haug

Composting of biosolids, yard trimmings, manures, food wastes, municipal solid waste and other substrates has become a very popular management option. The process makes use of nature's own microbes and produces a useful end product. In short, it accomplishes most of the things that environmentally minded folks like to see. Composting's one drawback, however, one that is a thorn in many sides, is its potential for odor generation.

Somewhere in the history of composting, we got the idea that, if left alone, Mother Nature would be odor free. I don't know how this idea arose, but I assure you that it's not true, particularly with sludge materials. Presented here are 12 Theorems that support 5 Elements of odor management.

Theorem 1: Sludge Smells.

No argument here, I hope. But the corollary to #1 is that other

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substrates smell too. All of the substrates that enter a composting process must be viewed as potential sources of odorous molecules. This includes sawdust, yard trimmings, wood chips, MSW, food waste, and all the other substrates we may throw into the starting mix.

Theorem 2: Mother Nature Never Claimed To Be Odor Free.

On many occasions, I have heard speakers state with great pomp, "if composting is conducted properly, there will be no odors." These speakers are never plant operators! Such statements have been implicated as a leading cause of anxiety complex among operators. Let me reassure the operators that I have never seen data to support such a claim. The starting substrates contain odorous compounds and more are formed as intermediates during the breakdown of complex substrates. Yes, this includes aerobic metabolism.

CONTINUE

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