

**NOTICE AND AGENDA
Regular Board Meeting
at Sanitary District No. 5 of Marin County
Thursday, October 20, 2022**

5:00 P.M. REGULAR BOARD MEETING

COVID-19 ADVISORY NOTICE

Consistent with Assembly Bill 361 revising Government Code section 54953, and Resolution No. 2021-07 of this Board enacted in accordance therewith, the Meeting will not be physically open to the public and all Board Members and Staff will be teleconferencing into the meeting.

How to Submit Public Comments:

Comments submitted prior to the commencement of the meeting will be presented to the Board and included in the public record for the meeting.

Public Comments are to be submitted via email to rdohrmann@sani5.org.

In addition, members of the public who are calling in, will have the opportunity to provide public comments by following the steps below:

How to Participate in the Meeting:

Join Zoom Meeting by clicking on the following link:

<https://us02web.zoom.us/j/6230620778>

Meeting ID: 623 062 0778 or join by phone:

Call in number: (669) 900-9128 Participant Code: 623 062 0778

ROLL CALL

PUBLIC COMMENTS: The public is invited to address the Board on items that do not appear on the agenda and are within the subject matter jurisdiction of the Board. The Brown Act does not allow the Board to take action on any public comment. Please limit public comments to no more than three minutes.

DIRECTORS' COMMENTS AND/OR AGENDA REQUESTS:

CONSENT CALENDAR:

1. Motion to review and affirm Resolution No. 2021-08: A Resolution proclaiming the continuing need to meet by teleconference in accordance with Government Code Section 54953 - Action
2. Approval of September 15, 2022, Regular Board Meeting Minutes and October 4, 2022 Special Board Meeting Minutes (Mulloy)
3. Review and receive all electronic fund transfers (EFTs) and approve warrants from September 9th, 2022, through October 17th, 2022 (JP Morgan Chase Bank, check no. 9197 through check no. 9262, all transactions totaling (\$277,033.45) and receive August 2022, payroll, in the sum of \$136,816.46 (Dohrmann)
4. Receipt of Financial Reports for September 2022 (Dohrmann)

MANAGEMENT REPORTS:

5. District Manager Summary Report (Rubio)

NEW BUSINESS:

6. Accept proposals from consultants regarding the Capital Improvement Program Review and Occupancy Optimization Project and authorize the District Manager to enter into a Professional Services Contract with HDR Engineering, Inc. for an amount not to exceed \$19,970 (Rubio) - Action
7. Review and accept NUTE Engineering's Proposal for the design of the Cove Road Pump Station Motor Control Center and Emergency Generator Replacement Project and authorize the District Manager to enter into a Professional Services Agreement with NUTE Engineering (Rubio) - Action

UNFINISHED BUSINESS:

COMMITTEE REPORTS:

8. Capital Improvement Program Committee (Arias-Montez/Moody)
9. Finance & Fiscal Oversight Committee (Benediktsson/Arias-Montez)
10. Governance Committee (Moody/Snyder)
11. Personnel Committee (Snyder/Carapiet)
12. Ad Hoc Committee – Paradise Drive (Carapiet/Benediktsson)

OTHER BUSINESS:

ENVIRONMENTAL:

CORRESPONDENCE:

INFORMATIONAL ITEMS:

ADJOURNMENT

The Board will be asked to adjourn the meeting to a Regular Board Meeting on November 17th, 2022, at 5:00 P.M.

At its discretion, the Board of Directors may consider the above-agenda items out of the order in which they appear currently. Accessible public meetings: Upon request, the District will provide written agenda materials in appropriate alternate formats, or disability-related modification or accommodation, including auxiliary aids or services to enable individual with disabilities to participate in public meetings. Please submit written requests to the District at P.O. Box 227, Tiburon, CA 94920 or rdohrmann@sani5.org at least two days prior to the meeting.

RESOLUTION 2021-08

SANITARY DISTRICT NO. 5 OF MARIN COUNTY

A RESOLUTION PROCLAIMING THE CONTINUING NEED TO MEET BY TELECONFERENCE IN ACCORDANCE WITH GOVERNMENT CODE SECTION 54953

WHEREAS, on January 30, 2020, the World Health Organization declared the COVID-19 outbreak a public health emergency of international concern; and

WHEREAS, on March 4, 2020, the Governor of the State of California declared a state of emergency in order to address the COVID-19 pandemic; and

WHEREAS, on March 3, 2020, Marin County declared a local emergency due to the COVID-19; and

WHEREAS, to allow local government bodies to safely conduct public meetings during the COVID-19 pandemic as well as to ensure public access to governmental meetings, the Governor of the State of California issued Executive Orders N-25-20 and N-29-20, which streamlined notice requirements for teleconference meetings under the Ralph M. Brown Act; and

WHEREAS, the Sanitary District No. 5 (“District”) has been conducting meetings of the District Board as well as its Committees pursuant to the provisions of these executive orders since their issuance; and

WHEREAS, the California State Legislature approved and the Governor signed AB 361 into law, which amended the Ralph M. Brown Act to allow local legislative bodies to continue meeting by teleconference during a gubernatorial proclaimed state of emergency if the local legislative body determines, by majority vote, that as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees (California Government Code section 54953(e)(1)(B)); and

WHEREAS, the State of Emergency remains in effect; and

WHEREAS, COVID-19 continues to threaten the health and lives of District residents; and

WHEREAS, there is scientific consensus that variants of COVID-19, such as the Delta variant, are highly transmissible in indoor settings; and

WHEREAS, in individuals that are vaccinated, breakthrough cases of COVID-19 are becoming increasingly common; and

WHEREAS, AB 361 requires the District to reconsider the circumstances of the emergency and review whether it continues to directly impact the ability of the members to meet safely in person;

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Sanitary District No. 5 does hereby resolve, declare, determine, and order as follows:

SECTION 1. The above recitals are correct and are material to this Resolution and are incorporated into this Resolution as findings of the District Board.

SECTION 2. Pursuant to the requirements of Government Code Section 54953 (e)(3), the District Board makes the following findings:

- A) The District Board has considered the circumstances of the continuing state of emergency;
- B) The state of emergency continues to directly impact the ability of the members and the public to meet safely in person;
- C) Due to COVID-19, holding meetings in person will present imminent risks to the health and safety to attendees; and
- D) The District Board will continue to meet by teleconference in accordance with Government Code section 54953(e).

SECTION 3. The aforementioned findings apply to all Commissions, Committees, or advisory bodies of the District, which are classified as legislative bodies per Government Code Section 54952.

SECTION 4. The District Board will reconsider, not more than every 30 days, the circumstances of the emergency and review whether it continues to directly impact the ability of the members to meet safely in person.

SECTION 5. All portions of this resolution are severable. If an individual component of this resolution is adjudged by a court to be invalid and unenforceable, then the remaining portions will continue in effect.

* * * * *

I hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly passed and adopted by the Board of Directors of Sanitary District No. 5 of Marin County, California, at a meeting thereof duly held on the 21st day of October 2021, by the following vote:


AYES, and in favor thereof, Directors: *RICHARD SNYDER, JOHN CARAPIET, TOM MOODY, CATHERINE BENEDIKTSSON*

NOES, Directors: *NONE*

ABSENT, Directors: *OMAR AQUAS MONTEZ*

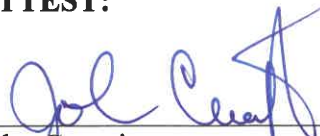
ABSTAIN, Directors: *NONE*

APPROVED:



Richard Snyder
President, Board of Directors

ATTEST:



John Carapiet
Vice President, Board of Directors

John Carapiet, President
Omar Arias-Montez, Vice President
Tod Moody, Secretary

Catharine Benediktsson, Director
Richard Snyder, Director

**Regular Board Meeting Minutes
at Sanitary District No. 5 of Marin County
Thursday, September 15, 2022**

5:00 P.M. REGULAR BOARD MEETING

COVID-19 ADVISORY NOTICE

Consistent with Assembly Bill 361 revising Government Code section 54953, and Resolution No. 2021-07 of this Board enacted in accordance therewith, the Meeting will not be physically open to the public and all Board Members and Staff will be teleconferencing into the meeting.

How to Submit Public Comments:

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In addition, members of the public who are calling in, will have the opportunity to provide public comments by following the steps below:

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Meeting ID: 623 062 0778 or join by phone:

Call in number: (669) 900-9128 Participant Code: 623 062 0778

CALL TO ORDER by President Carapiet at 5:00 p.m.

ROLL CALL

Directors present: John Carapiet, President
Omar Arias-Montez, Vice President
Tod Moody, Secretary (joined meeting at 5:03 p.m.)
Richard Snyder, Director
Catharine Benediktsson, Director

Staff present: Tony Rubio, District Manager
Robin Dohrmann, Office Manager
Jayne Mulloy, Admin. Assistant

Others in attendance: Benjamin Stock, Burke, Williams, & Sorensen, LLC
Ira Summer, GovInvest

PUBLIC COMMENTS: The public is invited to address the Board on items that do not appear on the agenda and are within the subject matter jurisdiction of the Board. The Brown Act does not allow the Board to take action on any public comment. Please limit public comments to no more than three minutes.

There were no public comments at this time.

DIRECTORS' COMMENTS AND/OR AGENDA REQUESTS:

Vice President Arias-Montez read the following statement:

"I wish to disclose that I will be providing wastewater engineering consulting services for DKF Solutions Group, DKF will be a source of income to me, and that I do not hold a primary management, officer, or

director position with DKF. I will also recuse myself from and not influence any matter involving DKF which comes before Sanitary District No. 5 Board in the future."

CONSENT CALENDAR:

1. Motion to review and affirm Resolution No. 2021-08: A Resolution proclaiming the continuing need to meet by teleconference in accordance with Government Code Section 54953 – Action
2. Approval of August 18, 2022, Regular Board Meeting Minutes (Mulloy)
3. Review and receive all electronic fund transfers (EFTs) and approve warrants from August 12th, 2022, through September 8th, 2022 (JP Morgan Chase Bank, check no. 9110 through check no. 9193, all transactions totaling (\$949,352.49) and receive August 2022, payroll, in the sum of \$147,672.10 (Dohrmann)
4. Receipt of Financial Reports for August 2022 (Dohrmann)
5. County of Marin's Board of Supervisors' 2022 Biennial Notice – Conflict of Interest Form: No Changes to SD5 Conflict of Interest Code (Rubio)

Discussion by the Board. Motion (Snyder/Benediktsson) to approve the Consent Calendar. Minutes approved as corrected. Vote passed (5-0-0-0)

President Carapiet moved to Item No. 7, under New Business, for consideration, as described on the agenda to this time (5:06 p.m.)

7. Review Financial Projections through FY2025-2026 – GovInvest (Ira Summer)

Ira Summer, Consultant, GovInvest, with the aid of a PowerPoint presentation reviewed CalPERS financial projections including, pension basics, major changes, impact of these changes on CalPERS cost and funded percentage. Mr. Summer responded to questions from Board members. Discussion only by the Board.

President Carapiet moved to Item No. 6, under Management Reports, for consideration, as described on the agenda to this time (6:11 p.m.).

MANAGEMENT REPORTS:

6. District Manager Summary Report (Rubio)

District Manager, Tony Rubio, presented a written and verbal report on current District issues, responding to questions from the Board. Discussion by the Board. Board members requested the District Manager include odor control and complaints in his monthly report.

NEW BUSINESS:

7. Review and Consideration to accept lowest bid for the 2022 Sewer Rehabilitation Project – Tiburon & Belvedere, and authorizing the District Manager to issue a Notice to Proceed (Rubio) – Action

District Manager, Tony Rubio responded to questions from the Board. Discussion by the Board. Motion (Moody/Arias-Montez) to adopt Resolution No. 2022-10 Awarding a Contract for 2022 Sewer Rehabilitation Project to Hardiman Construction in the Amount of \$1,216,204, Rejecting Bid Protest, Approving of an Overall Construction Budget of \$1,337,824.40, and a Determining that the Project is Exemption from the Requirements of the California Environmental Quality Act. Vote passed (5-0-0-0)

8. Review and Discuss Request for Proposal (RFP) for the Main Plant (MP) and Paradise Cove (PC) Plant CIP Program Review and Staff Occupancy Optimization Project & provide direction to the District Manager to issue out the RFP (Rubio) – Action

Discussion by the Board. Motion (Moody/Benediktsson) to approve and authorize Sanitary District No. 5 of Marin County to issue out the Request for Proposal (RFP) from Engineering design firms which may wish to provide a proposal for a technical report that includes the evaluation of both of the Districts treatment plants scheduled Capital Improvement Projects, and an assessment of staff occupancy optimization at the main plant and provide recommendations. Vote passed (5-0-0-0)

9. Review and discuss service bulletin for Main Plant (MP) Blower variable frequency drives (VFD's) and quote for replacements & authorize the District Manager to place order for 3 new replacement VFD's. (Rubio) – Action

District Manager, Tony Rubio responded to questions from the Board. Discussion by the Board. Motion (Benediktsson/Snyder) to approve and accept Service Bulletin for Main Plant (MP) Blower variable frequency drives (VFD's) and quote for replacement and authorize the District manager to place an order for 3 new replacement VFD's. Vote passed (5-0-0-0)

10. Review and discuss Encroachment Permit for Tiburon Pump Station#3 adjacent to 2200 Mar East Street. Property (2200 Mar East) is currently under design and review at the Town of Tiburon (Rubio) – Discussion only.

District Manager, Tony Rubio responded to questions from the Board. Discussion by the Board.

UNFINISHED BUSINESS: None

COMMITTEE REPORTS:

11. Capital Improvement Program Committee (Arias-Montez/Moody)
12. Finance & Fiscal Oversight Committee (Benediktsson/Arias-Montez)
13. Governance Committee (Moody/Snyder)
14. Personnel Committee (Snyder/Carapiet)
15. Ad Hoc Committee – Paradise Drive (Carapiet/Benediktsson) President Carapiet requested Ad Hoc Committee members be kept up-to-date.

OTHER BUSINESS: None

ENVIRONMENTAL: None

CORRESPONDENCE: None

INFORMATIONAL ITEMS: None

ADJOURNMENT

The Board adjourned at 6:46 p.m. (Snyder/Benediktsson) to a Regular Board Meeting on October 20, 2022, at 5:00 P.M. Vote passed (5-0-0-0)

John Carapiet, President
Omar Arias-Montez, Vice President
Tod Moody, Secretary

Catharine Benediktsson, Director
Richard Snyder, Director

**Special Board Meeting Minutes
at Sanitary District No. 5 of Marin County
Tuesday, October 4th, 2022**

11:00 A.M. SPECIAL BOARD MEETING

COVID-19 ADVISORY NOTICE

Consistent with Assembly Bill 361 revising Government Code section 54953, and Resolution No. 2021-07 of this Board enacted in accordance therewith, the Meeting will not be physically open to the public and all Board Members and Staff will be teleconferencing into the meeting.

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Meeting ID: 623 062 0778 or join by phone:

Call in number: (669) 900-9128 Participant Code: 623 062 0778

CALL TO ORDER by President Carapiet at 11:00 a.m.

ROLL CALL

Directors present: John Carapiet, President
Tod Moody, Secretary
Richard Snyder, Director
Catharine Benediktsson, Director

Directors not present: Omar Arias-Montez, Vice President

Staff present: Tony Rubio, District Manager
Jayne Mulloy, Admin. Assistant

PUBLIC COMMENTS: The public is invited to address the Board on items that do not appear on the agenda and are within the subject matter jurisdiction of the Board. The Brown Act does not allow the Board to take action on any public comment. Please limit public comments to no more than three minutes.

There were no public comments at this time.

DIRECTORS' COMMENTS AND/OR AGENDA REQUESTS:

There were no Director's comments nor agenda requests at this time.

CONSENT CALENDAR:

- 1. Motion to review and reaffirm Resolution No. 2021-08: A Resolution proclaiming the continuing need to meet by teleconference in accordance with Government Code Section 54953 – Action

Discussion by the Board. Motion (Snyder/Benediktsson) to review and reaffirm Resolution No. 2021-08: A Resolution proclaiming the continuing need to meet by teleconference in accordance with Government Code Section 54953. Vote passed (4-0-0-1).

NEW BUSINESS:

2. Approval of a Professional Services Contract with LWA (Larry Walker & Associates) for assistance in the District Main Plant NPDES renewal (Rubio) - Action

Discussion by the Board. Motion (Benediktsson/Snyder) to approve a Professional Services Contract with LWA (Larry Walker & Associates) for assistance in the District Main Plant NPDES renewal.
Vote passed (4-0-0-1)

UNFINISHED BUSINESS: None

ADJOURNMENT

The Board adjourned the meeting at 11:25 a.m. (Benediktsson/Snyder) to a Regular Board Meeting on October 20, 2022, at 5:00 P.M. Vote passed (4-0-0-1)

Approved:

Attest:

John Carapiet
President, Board of Trustees

Tod Moody
Secretary, Board of Trustees

At its discretion, the Board of Directors may consider the above-agenda items out of the order in which they appear currently. Accessible public meetings: Upon request, the District will provide written agenda materials in appropriate alternate formats, or disability-related modification or accommodation, including auxiliary aids or services to enable individual with disabilities to participate in public meetings. Please submit written requests to the District at P.O. Box 227, Tiburon, CA 94920 or rdohrmann@sani5.org at least two days prior to the meeting.

Sanitary Distr. No.5 of Marin Co.

Warrant List Summary

September 9 through October 17, 2022

10/17/22

Date	Num	Name	Memo	Amount
JP Morgan Chase - Primary 7399				
09/14/22	EFT	PERS	EFT PERS Pension - August 2022	-20,177.19
09/15/22	EFT	CalPERS	EFT Health Premium, Cust #4163206459 - October 2022	-17,859.18
10/06/22	EFT	PERS	EFT PERS Pension - September 2022	-20,177.19
09/15/22	9197	Banshee Networks, Inc.	Computer/IT Support, E-Media Installations - June (AJE FY21-22) - July 2022	-4,773.41
09/15/22	9198	Cal-Steam, Inc.	Cust ID# 89563, M.P. Supplies, August 2022	-60.58
09/15/22	9199	Caltest Analytical Laboratory	M.P./P.C. Lab Sampling - August 2022	-2,000.70
09/15/22	9200	Comcast Business	Acct# 8155 30 011 0149465, Bus. Voice, Internet & Cable - August 2022	-579.38
09/15/22	9201	Mill Valley Refuse Service, Inc.	Acct #032945, Garbage Service + 1 yd rental, September 2022	-258.27
09/15/22	9202	Pacific Gas & Electric	Acct #2908031411-4, Utilities - August 2022	-23,152.28
09/15/22	9203	PAN-PACIFIC SUPPLY COMPANY	Cust #954206: M.P. Pump Repair - September 2022	-10,388.68
09/15/22	9204	Pape Material Handling	Cust #5081167, Forklift Maintenance - August 2022	-253.25
09/15/22	9205	Roy's Sewer Service, Inc.	P&L, M.P. & PC, Tiburon & Belvedere - August 2022	-4,610.00
09/15/22	9206	Sewer Tek	M.P. Parts & Service - September 2022	-10,000.00
09/15/22	9207	Special District Risk Management Au...	Member #7665, Life, Vision, DDS & LTD Ins. - October 2022	-2,147.73
09/15/22	9208	Staples, Inc.	Acct #60111000714, Office Supplies - August 2022	-169.05
09/15/22	9209	USA BlueBook	Cust #933682, M.P. Supplies & Lab Equipment - August 2022	-3,142.66
09/15/22	9210	XMR Fire Emergency Services Cons...	Website Hosting, Maint & Support, Contract Renewal 2022 - September 2022	-1,244.00
09/15/22	9211	Rosser, John	Standby Mileage Reimb J Rosser - September 2022	-153.70
09/29/22	921...	State Water Resources Control Board	SWRCB OIT Application Fees for A Hill - September 2022 (EFT)	-125.00
10/05/22	921...	State Water Resources Control Board	SWRCB G1 Exam Fees for A Hill - October 2022 (EFT)	-120.00
10/13/22	9216	AAAA Generator Services, Inc.	SD5 P&L Generators - September 2022	-19,201.05
10/13/22	9217	Access Answering Service	Acct #4080C, Answering Service - October 2022	-66.00
10/13/22	9218	Alameda Electrical Distributors, Inc.	Cust #56156, M.P. Supplies - September 2022	-2,656.96
10/13/22	9219	Alhambra	Acct #547945611762129, Water - August - September 2022	-149.32
10/13/22	9220	AT&T	Acct #960732-76375559 - September 2022	-842.86
10/13/22	9221	Bay Alarm	Acct #274428, October - December 2022	-258.00
10/13/22	9222	Banshee Networks, Inc.	Computer/IT Support, E-Media Installations - October 2022	-1,481.41
10/13/22	9223	Brelje and Race Laboratories, Inc.	M.P./P.C. Plant Samples - August 2022	-1,672.00
10/13/22	9224	Burke, Williams & Sorensen, LLP	Legal Advice - August 2022	-3,339.00
10/13/22	9225	BWS Distributors, Inc.	Lab Safety Supplies - September 2022	-774.38
10/13/22	9226	Cal-Steam, Inc.	Cust ID# 89563, M.P. Supplies - September 2022	-1,388.21
10/13/22	9227	Caltest Analytical Laboratory	M.P./P.C. Lab Sampling - September 2022	-2,090.05
10/13/22	9228	Caltronics Business Systems, Inc.	Acct #SD15, Multi-purpose Copier Contract - September 2022	-252.13
10/13/22	9229	Central Marin Sanitation Agency	Pollution Prevention Pub Ed Costs - October 2022	-415.00
10/13/22	9230	Cintas Corporation #626	Acct #626-00821, PPE/Safetywear - July - September 2022	-1,274.73
10/13/22	9231	Comcast Business	Acct# 8155 30 011 0149465, Bus. Voice, Internet & Cable - September 2022	-577.84
10/13/22	9233	CWEA	Membership & Cert Renewal Fees - August - September 2022	-397.00
10/13/22	9234	D&K Auto Service	SD5 Truck Maint., July - October 2022	-311.85
10/13/22	9235	DKF Solutions Group, LLC	My Safety Officer Monthly Subscription - August & September 2022	-15,758.75
10/13/22	9236	E & M Electric & Machinery, Inc.	Cust #SANI5, SCADA Sys. Maint. & IT Support Contract Renewal, Nov 2022 (...)	-12,295.00
10/13/22	9237	Goodman Building Supply Co.	Acct #20070, M.P. Supplies - September 2022	-250.77
10/13/22	9238	Gopher-It Trenchless	Emergency Repairs & Lateral Repairs - September 2022	-2,300.00
10/13/22	9239	GovInvest, Inc.	IT Consulting, Actuarial Software & Presentation - October 2022	-1,500.00
10/13/22	9240	HDR Engineering, Inc.	Consulting, SD5 MNP Digester Rehab - Sept - Oct 2022	-24,309.19
10/13/22	9241	Home Depot Credit Services	#6035322005164334: M.P. Parts & Srvc - September - October 2022	-1,056.23
10/13/22	9242	Jackson's Hardware, Inc.	Acct #7601, Safety Gear, Boots + Uniforms - September 2022	-1,047.37
10/13/22	9243	JM Integration, LLC	M.P. Parts & Service - August 2022	-6,569.68
10/13/22	9244	Lystek Int'l, LTD	Biosolids Transport - September 2022	-1,150.91
10/13/22	9245	Medical Center of Marin, ES A/R	Acct #:SDN5_B1, Preemployment Screening: A Hill (DOH: 9.26.2022)	-45.00
10/13/22	9246	Mill Valley Refuse Service, Inc.	Acct #032945, Garbage Service + 1 yd rental, October 2022	-253.42
10/13/22	9247	Mill Valley Refuse Service, Inc.	Acct #063092, SLUDGE TRANSPORT - August & September 2022	-2,160.00
10/13/22	9248	Nova Systems	Phone/Internet Assistance - August 2022	-450.00
10/13/22	9250	Ongaro & Sons, Inc.	Client #1082, HVAC Repair - August 2022	-771.64
10/13/22	9251	Pacific Gas & Electric	Acct #2908031411-4, Utilities - September 2022	-21,247.89
10/13/22	9252	Robert L Talavera, LLC	SSGIS ArcView Support - August - September 2022	-150.00
10/13/22	9253	SERVICE TOOL	Cust #56156, M.P. Supplies - September 2022	-34.69
10/13/22	9254	Telstar Instrument, Inc.	Cust #SANDI, P.C. & Belv Comm Projects - August - September 2022	-14,143.98
10/13/22	9255	Roy's Sewer Service, Inc.	P&L, M.P. & PC, Tiburon & Belvedere - September 2022	-2,535.00
10/13/22	9256	USA BlueBook	Cust #933682, P.C. Supplies - September 2022	-568.39
10/13/22	9257	Water Components & Building Supply	Acct #454, M.P. Supplies - September 2022	-560.95
10/13/22	9258	Nute Engineering Corp.	Consulting & Engr. Srvc - August - September 2022	-2,537.73
10/13/22	9259	U.S. Bank	Acct#: 4246 0470 0067 9545, August - September 2022	-2,719.90
10/13/22	9260	Alvarez, Joel	Reimb for (3) EE Incentives - October 2022	-3,225.00
10/13/22	9261	Bilsborough, Chad	Meals/Diem re S.O.S. Seminar - September 2022	-791.65
10/13/22	9262	Salazar, Ignacio	Reimb. for Travel/Lab Delivery - August 2022	-60.27
Total JP Morgan Chase - Primary 7399				-277,033.45
TOTAL				-277,033.45

Sanitary Distr. No.5 of Marin Co.
Warrant List Detail

September 8 through October 17, 2022

Date	Num	Name	Memo	Account	Class	Paid Amount
09/14/22	EFT	PERS	EFT PERS Pension - August 2022	JP Morgan Chase - Primary 73...		
			Retirement August 2022 (Classic 1600 Rate): ER @ 14.030%; EE @ 8.0%	8019.05 · PERS Retirement	Belvedere	-4,928.83
			Retirement August 2022 (Classic 1600 Rate): ER @ 14.030%; EE @ 8.0%	8019.05 · PERS Retirement	Tiburon:Paradise C...	-303.87
			Retirement August 2022 (Classic 1600 Rate): ER @ 14.030%; EE @ 8.0%	8019.05 · PERS Retirement	Tiburon	-6,922.24
			Retirement August 2022 (PEPRA Rates: ER @ 7.47%; EE @ 6.75%)	8019.05 · PERS Retirement	Belvedere	-3,253.02
			Retirement August 2022 (PEPRA Rates: ER @ 7.47%; EE @ 6.75%)	8019.05 · PERS Retirement	Tiburon:Paradise C...	-200.56
			Retirement August 2022 (PEPRA Rates: ER @ 7.47%; EE @ 6.75%)	8019.05 · PERS Retirement	Tiburon	-4,568.67
TOTAL						-20,177.19
09/15/22	EFT	CalPERS	EFT Health Premium, Cust #4163206459 - October 2022	JP Morgan Chase - Primary 73...		
			Active Employee Health Premium - October 2022	8020.05 · Employee Health	Belvedere	-6,603.23
			Active Employee Health Premium - October 2022	8020.05 · Employee Health	Tiburon:Paradise C...	-407.10
			Active Employee Health Premium - October 2022	8020.05 · Employee Health	Tiburon	-9,273.83
			Retiree Health Premium - October 2022	8022.05 · Reitree Health	Belvedere	-604.20
			Retiree Health Premium - October 2022	8022.05 · Reitree Health	Tiburon:Paradise C...	-37.25
			Retiree Health Premium - October 2022	8022.05 · Reitree Health	Tiburon	-848.56
			Active Employee Health Premium - October 2022 - Admin Fee	8020.05 · Employee Health	Belvedere	-21.79
			Active Employee Health Premium - October 2022 - Admin Fee	8020.05 · Employee Health	Tiburon:Paradise C...	-1.34
			Active Employee Health Premium - October 2022 - Admin Fee	8020.05 · Employee Health	Tiburon	-30.60
			Retiree Health Premium - October 2022 - Admin Fee	8022.05 · Reitree Health	Belvedere	-12.68
			Retiree Health Premium - October 2022 - Admin Fee	8022.05 · Reitree Health	Tiburon:Paradise C...	-0.78
			Retiree Health Premium - October 2022 - Admin Fee	8022.05 · Reitree Health	Tiburon	-17.82
TOTAL						-17,859.18
10/06/22	EFT	PERS	EFT PERS Pension - September 2022	JP Morgan Chase - Primary 73...		
			Retirement September 2022 (Classic 1600 Rate): ER @ 14.030%; EE @...	8019.05 · PERS Retirement	Belvedere	-4,928.83
			Retirement September 2022 (Classic 1600 Rate): ER @ 14.030%; EE @...	8019.05 · PERS Retirement	Tiburon:Paradise C...	-303.87
			Retirement September 2022 (Classic 1600 Rate): ER @ 14.030%; EE @...	8019.05 · PERS Retirement	Tiburon	-6,922.24
			Retirement September 2022 (PEPRA Rates: ER @ 7.47%; EE @ 6.75%)	8019.05 · PERS Retirement	Belvedere	-3,253.02
			Retirement September 2022 (PEPRA Rates: ER @ 7.47%; EE @ 6.75%)	8019.05 · PERS Retirement	Tiburon:Paradise C...	-200.56
			Retirement September 2022 (PEPRA Rates: ER @ 7.47%; EE @ 6.75%)	8019.05 · PERS Retirement	Tiburon	-4,568.67
TOTAL						-20,177.19
09/08/22	9151	Access Answering Service	Acct #4080C, Answering Service - September 2022	JP Morgan Chase - Primary 73...		
			Inv #28651, Answering Service, September 2022 - SSO & Alarm Notific...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-26.76
			Inv #28651, Answering Service, September 2022 - SSO & Alarm Notific...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-1.65
			Inv #28651, Answering Service, September 2022 - SSO & Alarm Notific...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-37.59
TOTAL						-66.00
09/08/22	9152	AAAA Generator Services, Inc.	SD5 Portable Generators - August 2022	JP Morgan Chase - Primary 73...		

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			Inv #52318 (PO#95423), Annual Maint. @ M.P. Kohler Portable 20KW G...	7022 · Plant Maint. Parts & Servi...	Belvedere	-1,064.48
			Inv #52318 (PO#95423), Annual Maint. @ PC Portable Cummins 500K...	7041 · Paradise Parts & Service	Tiburon:Paradise C...	-4,790.00
			Inv #52318 (PO#95423), Annual Maint. @ M.P. Kohler Portable 20KW G...	7022 · Plant Maint. Parts & Servi...	Tiburon	-1,500.52
TOTAL						-7,355.00
09/08/22	9153	Ad-Lite Crane Service, Inc.	Crane Service @ M.P. Host Skimmer - August 2022	JP Morgan Chase - Primary 73...		
			Inv #17989, Crane service:Hoist/Host Skimmer at M.P. - August 2022	7022 · Plant Maint. Parts & Servi...	Belvedere	-454.43
			Inv #17989, Crane service:Hoist/Host Skimmer at M.P. - August 2022	7022 · Plant Maint. Parts & Servi...	Tiburon	-640.57
TOTAL						-1,095.00
09/08/22	9154	Alameda Electrical Distributors,...	Cust #56156, M.P. Supplies - June - August 2022 (AJE FY21-22)	JP Morgan Chase - Primary 73...		
			Inv #S5391274.001 (PO#954084): M.P. Supplies - August 2022	7011 · Pumps & Lines Maintena...	Belvedere	-83.39
			Inv #S5391274.001 (PO#954084): M.P. Supplies - August 2022	7011 · Pumps & Lines Maintena...	Tiburon	-117.56
			Inv #S5363627.001 (PO#54067): M.P. Supplies - June - August 2022	7021 · Plant Maintenance Suppli...	Belvedere	-144.28
			Inv #S5363627.001 (PO#54067): M.P. Supplies - June - August 2022	7021 · Plant Maintenance Suppli...	Tiburon	-203.39
			Inv #S5402728.001, .002, .003, 004 (PO#954090): P.C. PSs #1 & #2 (AJ...	9403.1 · Cellular	Tiburon:Paradise C...	-761.51
			Inv #S5362246.001, .002 (PO#954074): P.C. Plant - Electrical upgrades ...	7041 · Paradise Parts & Service	Tiburon:Paradise C...	-568.63
			Inv #S5363808.001, .002, .003 (PO#954075): PC Plant - Electrical upgra...	7041 · Paradise Parts & Service	Tiburon:Paradise C...	-4,201.91
			Inv #S5363627.002, S5367791.001, S5387529.001 (PO#954075) - Elect...	7041 · Paradise Parts & Service	Tiburon:Paradise C...	-991.91
			Inv #S5387529.001 (PO#954082) - PG&E Upgrade - August 2022	7041 · Paradise Parts & Service	Tiburon:Paradise C...	-1,879.37
			Credits	7041 · Paradise Parts & Service	Tiburon:Paradise C...	512.25
			Credits	7041 · Paradise Parts & Service	Tiburon:Paradise C...	233.78
TOTAL						-8,205.92
09/08/22	9155	Alhambra	Acct #547945611762129, Water - July - August 2022	JP Morgan Chase - Primary 73...		
			Inv #12012314 081922, Water, thru 7.20.2022 - July - August 2022	7023 · Janitorial Supplies & Serv...	Belvedere	-55.91
			Inv #12012314 081922, Water, thru 7.20.2022 - July - August 2022	7042 · Paradise Supplies & Che...	Tiburon:Paradise C...	-3.45
			Inv #12012314 081922, Water, thru 7.20.2022 - July - August 2022	7023 · Janitorial Supplies & Serv...	Tiburon	-78.51
TOTAL						-137.87
09/08/22	9156	AT&T	Acct #960732-76375559 - August 2022	JP Morgan Chase - Primary 73...		
			PC Plant Telephones - August 2022	8532 · Paradise Cove Telephones	Tiburon:Paradise C...	-520.58
			PC Pumps & Lines Telephones - August 2022	8533 · Pumps & Lines Telephones	Tiburon:Paradise C...	-8.27
			Tib Pumps & Lines Telephones - August 2022	8533 · Pumps & Lines Telephones	Tiburon	-314.01
TOTAL						-842.86
09/08/22	9157	AVEVA	Cust #SANI5, SCADA Sys. Maint.& IT Support Contract Renewal, De...	JP Morgan Chase - Primary 73...		
			Quote#288825.1 - Site ID#118116, SCADA System Maintenance & IT S...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-197.68
			Quote#288825.1 - Site ID#118116, SCADA System Maintenance & IT S...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-12.19
			Quote#288825.1 - Site ID#118116, SCADA System Maintenance & IT S...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-277.63

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			Quote#266592.1 - Site ID#118116, SCADA System Maintenance & IT S...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-197.68
			Quote#266592.1 - Site ID#118116, SCADA System Maintenance & IT S...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-12.19
			Quote#266592.1 - Site ID#118116, SCADA System Maintenance & IT S...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-277.63
TOTAL						-975.00
09/08/22	9158	Banshee Networks, Inc.	Computer/IT Support, E-Media Installations - June 2022 (AJE FY21-22)	JP Morgan Chase - Primary 73...		
			Inv #15501 & Inv #15551: 06.30.22 - 8.01.2022: SD5 IT Support/Softwar...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-1,467.26
			Inv #15501 & Inv #15551: 06.30.22 - 8.01.2022: SD5 IT Support/Softwar...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-90.46
			Inv #15501 & Inv #15551: 06.30.22 - 8.01.2022: SD5 IT Support/Softwar...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-2,060.67
TOTAL						-3,618.39
09/08/22	9159	Bay City Boiler	Acct #274428, M.P. Boiler - July 2022	JP Morgan Chase - Primary 73...		
			Inv #W20262 (PO#954222), M.P. Micron Filters (3) - July 2022	7021 · Plant Maintenance Suppli...	Belvedere	-50.24
			Inv #W20262 (PO#954222), M.P. Micron Filters (3) - July 2022	7021 · Plant Maintenance Suppli...	Tiburon	-70.82
TOTAL						-121.06
09/08/22	9160	BGE Solutions	M.P. Equip Maintenance - August 2022	JP Morgan Chase - Primary 73...		
			Inv #208 (PO#954230), M.P.: Flame arrestor, Torch Valves & WGB Modi...	7022 · Plant Maint. Parts & Servi...	Belvedere	-1,943.06
			Inv #208 (PO#954230), M.P.: Flame arrestor, Torch Valves & WGB Modi...	7022 · Plant Maint. Parts & Servi...	Tiburon	-2,739.01
TOTAL						-4,682.07
09/08/22	9161	Brelje and Race Laboratories, I...	M.P./P.C. Plant Samples - June & July 2022 (AJE FY21-22)	JP Morgan Chase - Primary 73...		
			Inv #143769: M.P. Samples - June 2022 (AJE FY21-22)	7051 · Main Plant Lab Monitoring	Belvedere	-662.08
			Inv #143769: P.C.. Samples - June 2022 (AJE FY21-22)	7052 · Paradise Cove Monitoring	Tiburon:Paradise C...	-57.00
			Inv #143769: M.P. Samples - June 2022 (AJE FY21-22)	7051 · Main Plant Lab Monitoring	Tiburon	-1,124.92
			Inv #143770: M.P. Samples - July 2022	7051 · Main Plant Lab Monitoring	Belvedere	-518.75
			Inv #143770: P.C. Samples - July 2022	7052 · Paradise Cove Monitoring	Tiburon:Paradise C...	-144.00
			Inv #143770: M.P. Samples - July 2022	7051 · Main Plant Lab Monitoring	Tiburon	-731.25
TOTAL						-3,238.00
09/08/22	9162	Burke, Williams & Sorensen, LLP	Legal Advice - July 2022	JP Morgan Chase - Primary 73...		
			Inv #289482, DCS - July 2022	6039 · Legal	Belvedere	-114.96
			Inv #289482, DCS - July 2022	6039 · Legal	Tiburon:Paradise C...	-7.09
			Inv #289482, DCS - July 2022	6039 · Legal	Tiburon	-161.45
			Inv #289482, Record Retention - July 2022	6039 · Legal	Belvedere	-56.57
			Inv #289482, Record Retention - July 2022	6039 · Legal	Tiburon:Paradise C...	-3.49
			Inv #289482, Record Retention - July 2022	6039 · Legal	Tiburon	-79.45
			Inv #289482, T-B 2022 Sewer Rehab Project Dispute - June 2022 (AJE ...	6039 · Legal	Belvedere	-242.69
			Inv #289482, T-B 2022 Sewer Rehab Project Dispute - June 2022 (AJE ...	6039 · Legal	Tiburon:Paradise C...	-14.96
			Inv #289482, T-B 2022 Sewer Rehab Project Dispute - June 2022 (AJE ...	6039 · Legal	Tiburon	-340.85

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			Inv #289482, Permits - July 2022	6039 · Legal	Belvedere	-51.09
			Inv #289482, Permits - July 2022	6039 · Legal	Tiburon:Paradise C...	-3.15
			Inv #289482, Permits - July 2022	6039 · Legal	Tiburon	-71.75
TOTAL						-1,147.50
09/08/22	9164	Caltronics Business Systems, I...	Acct #SD15, Multi-purpose Copier Contract - August 2022	JP Morgan Chase - Primary 73...		
			Inv Inv #3572454, Konica Multi-purpose copier (C308) contract - August ...	6047 · Office Supplies	Belvedere	-66.83
			Inv Inv #3572454, Konica Multi-purpose copier (C308) contract - August ...	6047 · Office Supplies	Tiburon:Paradise C...	-4.12
			Inv Inv #3572454, Konica Multi-purpose copier (C308) contract - August ...	6047 · Office Supplies	Tiburon	-93.86
TOTAL						-164.81
09/08/22	9165	Cintas Corporation #626	Acct #626-00821, PPE/Safetywear - August 2022	JP Morgan Chase - Primary 73...		
			#4127482683, #4128162721, #4128843388, #4129526859 - August 2022	8520 · Personal Protection/Safet...	Belvedere	-56.90
			#4127482683, #4128162721, #4128843388, #4129526859 - August 2022	8520 · Personal Protection/Safet...	Tiburon:Paradise C...	-3.51
			#4127482683, #4128162721, #4128843388, #4129526859 - August 2022	8520 · Personal Protection/Safet...	Tiburon	-79.92
			Add'l Inv#s: #1903256886, Tix#: C091596-900	8520 · Personal Protection/Safet...	Belvedere	-36.71
			Add'l Inv#s: #1903256886, Tix#: C091596-900	8520 · Personal Protection/Safet...	Tiburon:Paradise C...	-2.26
			Add'l Inv#s: #1903256886, Tix#: C091596-900	8520 · Personal Protection/Safet...	Tiburon	-51.55
			Add'l Inv #1903240364, Tix #C091596-002	8520 · Personal Protection/Safet...	Belvedere	-23.83
			Add'l Inv #1903240364, Tix #C091596-002	8520 · Personal Protection/Safet...	Tiburon:Paradise C...	-1.47
			Add'l Inv #1903240364, Tix #C091596-002	8520 · Personal Protection/Safet...	Tiburon	-33.47
			Add'l Inv#s: #1903297179, Tix #C091596-003	8520 · Personal Protection/Safet...	Belvedere	-9.57
			Add'l Inv#s: #1903297179, Tix #C091596-003	8520 · Personal Protection/Safet...	Tiburon:Paradise C...	-0.59
			Add'l Inv#s: #1903297179, Tix #C091596-003	8520 · Personal Protection/Safet...	Tiburon	-13.45
TOTAL						-313.23
09/08/22	9166	CWEA	Membership & Cert Renewal Fees, July 2022	JP Morgan Chase - Primary 73...		
			J Alvarez (#406719), CWEA Membership Dues FY22-23, 7.1.2022 - 6.30...	6025 · Dues & Subscriptions	Belvedere	-81.91
			J Alvarez (#406719), CWEA Membership Dues FY22-23, 7.1.2022 - 6.30...	6025 · Dues & Subscriptions	Tiburon:Paradise C...	-5.05
			J Alvarez (#406719), CWEA Membership Dues FY22-23, 7.1.2022 - 6.30...	6025 · Dues & Subscriptions	Tiburon	-115.04
			J Rosser (#54889), CWEA Membership Dues FY22-23, 7.1.2022 - 6.30....	6025 · Dues & Subscriptions	Belvedere	-81.91
			J Rosser (#54889), CWEA Membership Dues FY22-23, 7.1.2022 - 6.30....	6025 · Dues & Subscriptions	Tiburon:Paradise C...	-5.05
			J Rosser (#54889), CWEA Membership Dues FY22-23, 7.1.2022 - 6.30....	6025 · Dues & Subscriptions	Tiburon	-115.04
TOTAL						-404.00
09/08/22	9167	DKF Solutions Group, LLC	My Safety Officer Monthly Subscription - August & September 2022	JP Morgan Chase - Primary 73...		
			Inv #20682, My Safety Officer Monthly Subscription Fee - August 2022	8515 · Safety	Belvedere	-141.93
			Inv #20682, My Safety Officer Monthly Subscription Fee - August 2022	8515 · Safety	Tiburon:Paradise C...	-8.75
			Inv #20682, My Safety Officer Monthly Subscription Fee - August 2022	8515 · Safety	Tiburon	-199.32
			Inv #20744, My Safety Officer Monthly Subscription Fee - September 2022	8515 · Safety	Belvedere	-141.93
			Inv #20744, My Safety Officer Monthly Subscription Fee - September 2022	8515 · Safety	Tiburon:Paradise C...	-8.75
			Inv #20744, My Safety Officer Monthly Subscription Fee - September 2022	8515 · Safety	Tiburon	-199.32

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TOTAL						-700.00
09/08/22	9168	Fastenal Company	CASA10962, M.P. Supplies, Parts & Service - August 2022	JP Morgan Chase - Primary 73...		
			Inv #62512 (PO#954201), Inv #62514 & Inv #62514 (PO#160273), MP S...	7021 · Plant Maintenance Suppli...	Belvedere	-146.82
			Inv #62512 (PO#954201), Inv #62514 & Inv #62514 (PO#160273), MP S...	7021 · Plant Maintenance Suppli...	Tiburon	-206.96
TOTAL						-353.78
09/08/22	9169	Goodman Building Supply Co.	Acct #20070, M.P. & P.C. Supplies + PPE - August 2022	JP Morgan Chase - Primary 73...		
			Inv #852726 (PO#954083), Inv #852628 (PO#286896), M.P. Supplies - ...	7021 · Plant Maintenance Suppli...	Belvedere	-39.42
			Inv #852726 (PO#954083), Inv #852628 (PO#286896), M.P. Supplies - ...	7021 · Plant Maintenance Suppli...	Tiburon	-55.56
			Inv #852556 (PO#954212), M.P. Lab Supplies - August 2022	7025 · Lab Supplies & Chemicals	Belvedere	-71.78
			Inv #852556 (PO#954212), M.P. Lab Supplies - August 2022	7025 · Lab Supplies & Chemicals	Tiburon	-101.19
			Inv #853033 (PO#753075). M.P. P&L, Belvedere - August 2022	7011 · Pumps & Lines Maintena...	Belvedere	-77.77
			Inv #850246 (PO#1331CB), M.P. Supplies - July 2022	7021 · Plant Maintenance Suppli...	Belvedere	-60.52
			Inv #850246 (PO#1331CB), M..P Supplies - July 2022	7021 · Plant Maintenance Suppli...	Tiburon	-85.31
			Inv #850351 (PO#954072), P.C. paint supplies, - July 2022	7021 · Plant Maintenance Suppli...	Tiburon:Paradise C...	-117.50
TOTAL						-609.05
09/08/22	9170	Gopher-It Trenchless	Emergency Repairs & Lateral Repairs - August 2022	JP Morgan Chase - Primary 73...		
			Inv #G2924, ER Repair at 2030 Paradise Dr. - July 2021 (AJE FY21-22)	7013 · Emergency Line Repair	Tiburon	-8,200.00
			Inv #G2996, SD5 portion of lateral repairs (50%), as agreed with Caprice...	7011 · Pumps & Lines Maintena...	Tiburon	-9,800.00
TOTAL						-18,000.00
09/08/22	9171	Grainger	Acct #810128785,M.P. Supplies & Safety supplies - August 2022	JP Morgan Chase - Primary 73...		
			Inv #9401498812, #9401924593 (PO#954210), M.P. Supplies - August 2...	7021 · Plant Maintenance Suppli...	Belvedere	-588.01
			Inv #9401498812, #9401924593 (PO#954210), M.P. Supplies - August 2...	7021 · Plant Maintenance Suppli...	Tiburon	-828.87
			Inv #9392748159 (PO#954147), M.P. Parts & Service (pumps) - August ...	7022 · Plant Maint. Parts & Servi...	Belvedere	-577.68
			Inv #9392748159 (PO#954147), M.P. Parts & Service (pumps) - August ...	7022 · Plant Maint. Parts & Servi...	Tiburon	-814.31
			Inv #9400587466 (PO#954209), M.P. Lab supplies - August 2022	7025 · Lab Supplies & Chemicals	Belvedere	-129.23
			Inv #9400587466 (PO#954209), M.P. Lab supplies - August 2022	7025 · Lab Supplies & Chemicals	Tiburon	-182.17
			Inv #9408425248 (PO#954215), (Fire) Safety Supplies - August 2022	8515 · Safety	Belvedere	-302.94
			Inv #9408425248 (PO#954215), (Fire) Safety Supplies - August 2022	8515 · Safety	Tiburon	-427.03
TOTAL						-3,850.24
09/08/22	9172	Harrington Industrial Plastics L...	Cust #:044227, M.P. Supplies - July & August 2022	JP Morgan Chase - Primary 73...		
			Inv #006N3685 & Inv #006N3686 (PO#160263) - M.P. Supplies (Restoc...	7021 · Plant Maintenance Suppli...	Belvedere	-94.94
			Inv #006N3685 & Inv #006N3686 (PO#160263) - M.P. Supplies (Restoc...	7021 · Plant Maintenance Suppli...	Tiburon	-133.82
			Inv #006N3070 (PO#160263) - M.P. Supplies (Restock) - July 2022	7021 · Plant Maintenance Suppli...	Belvedere	-800.69
			Inv #006N3070 (PO#160263) - M.P. Supplies (Restock) - July 2022	7021 · Plant Maintenance Suppli...	Tiburon	-1,128.69

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TOTAL						-2,158.14
09/08/22	9173	Home Depot Credit Services	#6035322005164334: M.P. + P.C. Parts & Srvc - August 2022	JP Morgan Chase - Primary 73...		
			Inv #316269185 (PO#954226), M.P. Supplies - August 2022	7021 · Plant Maintenance Suppli...	Belvedere	-210.80
			Inv #06570113308 (PO#954227) - P.C. Supplies - August 2022	7041 · Paradise Parts & Service	Tiburon	-87.40
			Inv #316269185 (PO#954226), M.P. Supplies - August 2022	7021 · Plant Maintenance Suppli...	Belvedere	-297.15
TOTAL						-595.35
09/08/22	9174	Jackson's Hardware, Inc.	Acct #7601, Safety Boots + lab supplies - July 2022	JP Morgan Chase - Primary 73...		
			Inv #112643 (PO#954235 - RC), Safety Boots - August 2022	8520 · Personal Protection/Safet...	Belvedere	-87.21
			Inv #112643 (PO#954235 - RC), Safety Boots - August 2022	8520 · Personal Protection/Safet...	Tiburon:Paradise C...	-5.38
			Inv #112643 (PO#954235 - RC), Safety Boots - August 2022	8520 · Personal Protection/Safet...	Tiburon	-122.48
			Inv #109542 (PO#954078). M.P. supplies - August 2022	7021 · Plant Maintenance Suppli...	Belvedere	-6.64
			Inv #109542 (PO#954078). M.P. supplies - August 2022	7021 · Plant Maintenance Suppli...	Tiburon	-9.35
TOTAL						-231.06
09/08/22	9175	Ken Grady Company, Inc.	SD5 P&L Parts - August 2022	JP Morgan Chase - Primary 73...		
			Inv #5315A (P.O. #753072 , Tib & Belv P&L parts - August 2022	7011 · Pumps & Lines Maintena...	Belvedere	-1,726.50
			Inv #5315A (P.O. #753072 , Tib & Belv P&L parts - August 2022	7011 · Pumps & Lines Maintena...	Tiburon	-2,433.73
TOTAL						-4,160.23
09/08/22	9176	Marin Water	Water, June - August 2022 (AJE FY2022-23)	JP Morgan Chase - Primary 73...		
			Cust #:424793, Golden Gate BPS - Water, June - August 2022 (AJE FY2...	8541 · Water	Belvedere	-83.29
			Cust #:424791, Cove Rd. BPS - Water, June - August 2022 (AJE FY202...	8541 · Water	Belvedere	-83.29
			Cust #:558095, San Rafael Ave. BPS - Water, June - August 2022 (AJE ...	8541 · Water	Belvedere	-83.29
			Cust #138856, Mar West TPS - Water, June - August 2022 (AJE FY2022...	8541 · Water	Tiburon	-83.29
			Cust #100098, M.P. - Water, June - August 2022 (AJE FY2022-23)	8541 · Water	Belvedere	-540.94
			Cust #100098, M.P. - Water, June - August 2022 (AJE FY2022-23)	8541 · Water	Tiburon	-762.53
TOTAL						-1,636.63
09/08/22	9177	MidAmerica	Acct#: SD5MARIN0G5, 2023 Rates, Jan - Jun 2023	JP Morgan Chase - Primary 73...		
			(2023 Rates) HRA Retiree Health Reimbursements for Jan - Jun 2023 - ...	8022.05 · Reitree Health	Belvedere	-17,447.24
			(2023 Rates) HRA Retiree Health Reimbursements for Jan - Jun 2023 - ...	8022.05 · Reitree Health	Tiburon:Paradise C...	-1,075.66
			(2023 Rates) HRA Retiree Health Reimbursements for Jan - Jun 2023 - ...	8022.05 · Reitree Health	Tiburon	-24,503.58
TOTAL						-43,026.48
09/08/22	9178	MidAmerica Administrative & R...	HRA Retiree Health Reimb. Admin Fees, 2Q22 - September 2022	JP Morgan Chase - Primary 73...		
			Inv #MAR20328, HRA Retiree Health Reimburs. Administration Fees, 2...	8022.05 · Reitree Health	Belvedere	-91.24

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			Inv #MAR20328, HRA Retiree Health Reimburs. Administration Fees, 2...	8022.05 · Reitree Health	Tiburon:Paradise C...	-5.63
			Inv #MAR20328, HRA Retiree Health Reimburs. Administration Fees, 2...	8022.05 · Reitree Health	Tiburon	-128.13
TOTAL						-225.00
09/08/22	9179	Mill Valley Refuse Service, Inc.	Acct #063092, SLUDGE TRANSPORT - July 2022	JP Morgan Chase - Primary 73...		
			Acct #63092, Sludge Transport/Exchange only, 7.1.22, 7.12.22, 7.21.22, ...	7029 · Main Plant Sludge Disposal	Belvedere	-747.00
			Acct #63092, Sludge Transport/Exchange only, 7.1.22, 7.12.22, 7.21.22, ...	7029 · Main Plant Sludge Disposal	Tiburon	-1,053.00
TOTAL						-1,800.00
09/08/22	9181	Nute Engineering Corp.	Consulting & Engr. Svcs - August 2022	JP Morgan Chase - Primary 73...		
			Inv #22174, FY22-23 Sewer Improvement Project, Belvedere - August 2...	6017 · Consulting Fees	Belvedere	-1,056.31
			Inv #22174, FY22-23 Sewer Improvement Project, Tiburon - August 2022	6017 · Consulting Fees	Tiburon	-1,584.47
TOTAL						-2,640.78
09/08/22	9182	Owen Equipment Sales	Acct #C10655, SD5 Vactor Truck Service - August 2022	JP Morgan Chase - Primary 73...		
			W.O. #00057345 (PO# 753078), Vactor Truck Service - August 2022	9227.8 · Rodder/Vactor Truck	Belvedere	-2,166.55
			W.O. #00057345 (PO# 753078), Vactor Truck Service - August 2022	9227.8 · Rodder/Vactor Truck	Tiburon:Paradise C...	-133.57
			W.O. #00057345 (PO# 753078), Vactor Truck Service - August 2022	9227.8 · Rodder/Vactor Truck	Tiburon	-3,042.78
TOTAL						-5,342.90
09/08/22	9183	PTC	Cust #619101, SCADA /Modbusware Suite - October 2022	JP Morgan Chase - Primary 73...		
			Quote #Q1391062, SCADA /Modbusware Suite + Maintenance Agrmnt - ...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-109.08
			Quote #Q1391062, SCADA /Modbusware Suite + Maintenance Agrmnt - ...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-6.73
			Quote #Q1391062, SCADA /Modbusware Suite + Maintenance Agrmnt - ...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-153.19
TOTAL						-269.00
09/08/22	9184	Shape Incorporated	Acct #400M14, PCP P&L - thru August 2022	JP Morgan Chase - Primary 73...		
			Inv #1310 (PO#753063), Parts at Seafirth Pump Stations - July 2022	7011 · Pumps & Lines Maintena...	Tiburon:Paradise C...	-600.68
			Inv #1342 (PO #753068), Truck Maintenance re lifting hook @ Boom Tru...	7072 · Maintenance	Belvedere	-228.14
			Inv #1342 (PO #753068), Truck Maintenance re lifting hook @ Boom Tru...	7072 · Maintenance	Tiburon:Paradise C...	-14.07
			Inv #1342 (PO #753068), Truck Maintenance re lifting hook @ Boom Tru...	7072 · Maintenance	Tiburon	-320.41
			Inv #1342 (PO #753068), Parts & Service re lifting hook @ Boom Truck -...	7011 · Pumps & Lines Maintena...	Belvedere	-228.14
			Inv #1342 (PO #753068), Parts & Service re lifting hook @ Boom Truck -...	7011 · Pumps & Lines Maintena...	Tiburon:Paradise C...	-14.07
			Inv #1342 (PO #753068), Parts & Service re lifting hook @ Boom Truck -...	7011 · Pumps & Lines Maintena...	Tiburon	-320.41
TOTAL						-1,725.92
09/08/22	9185	U.S. Bank	Acct#: 4246 0470 0067 9545, July - August 2022	JP Morgan Chase - Primary 73...		

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			Zoom Platform re SD5 Meetings - Meetings at SD5 - July/August 2022	6018.1 · Meetings & Travel	Belvedere	-181.33
			Zoom Platform re SD5 Meetings - Meeting at PC Plant - July/August 2022	6018.1 · Meetings & Travel	Tiburon:Paradise C...	-37.66
			Zoom Platform re SD5 Meetings - Meetings at SD5 - July/August 2022	6018.1 · Meetings & Travel	Tiburon	-255.61
			Travel Accomodations - CASA Conference @ Tahoe, CA - July/August 2...	6018.1 · Meetings & Travel	Belvedere	-435.39
			Travel Accomodations - CASA Conference @ Tahoe, CA - July/August 2...	6018.1 · Meetings & Travel	Tiburon:Paradise C...	-26.84
			Travel Accomodations - CASA Conference @ Tahoe, CA - July/August 2...	6018.1 · Meetings & Travel	Tiburon	-611.47
			Office supplies/Amazon/Office Depot - July/August 2022	6047 · Office Supplies	Belvedere	-167.02
			Office supplies/Amazon/Office Depot - July/August 2022	6047 · Office Supplies	Tiburon:Paradise C...	-10.30
			Office supplies/Amazon/Office Depot - July/August 2022	6047 · Office Supplies	Tiburon	-234.56
			USPO Return-Receipt postage - July 2022	6056 · Postage	Belvedere	-72.99
			USPO Return-Receipt postage - July 2022	6056 · Postage	Tiburon:Paradise C...	-4.50
			USPO Return-Receipt postage - July 2022	6056 · Postage	Tiburon	-102.51
			Exhaust fan for BPS#1 + Exhaust wrap (Belv only)	7011 · Pumps & Lines Maintena...	Belvedere	-1,069.24
			Plant Supplies - July/August 2022	7021 · Plant Maintenance Suppli...	Belvedere	-312.17
			Plant Supplies - July/August 2022	7021 · Plant Maintenance Suppli...	Tiburon	-440.04
			New Vents+motor for fan, Webcam for microsopes, cable re poly blends ...	7022 · Plant Maint. Parts & Servi...	Belvedere	-972.49
			New Vents+motor for fan, Webcam for microsopes, cable re poly blends ...	7022 · Plant Maint. Parts & Servi...	Tiburon	-1,370.86
			Recurring Amazon order re janitorial supplies - July/August 2022	7023 · Janitorial Supplies & Serv...	Belvedere	-82.53
			Recurring Amazon order re janitorial supplies - July/August 2022	7023 · Janitorial Supplies & Serv...	Tiburon	-116.33
			Lab supplies/Amazon - July/August 2022	7025 · Lab Supplies & Chemicals	Belvedere	-416.25
			Lab supplies/Amazon - July/August 2022	7025 · Lab Supplies & Chemicals	Tiburon	-586.77
			Forklift Fuel Refill - July/August 2022	7071 · Fuel	Belvedere	-38.12
			Forklift Fuel Refill - July/August 2022	7071 · Fuel	Tiburon:Paradise C...	-2.35
			Forklift Fuel Refill - July/August 2022	7071 · Fuel	Tiburon	-53.53
			SD5 Fleet Maintenance + dent repairs (On-site) - July/August 2022	7072 · Maintenance	Belvedere	-914.02
			SD5 Fleet Maintenance + dent repairs (On-site) - July/August 2022	7072 · Maintenance	Tiburon:Paradise C...	-56.35
			SD5 Fleet Maintenance + dent repairs (On-site) - July/August 2022	7072 · Maintenance	Tiburon	-1,283.69
			Lock-out/Tag-outs+ Palm Leather work gloves; Forklift Safety Training - ...	8515 · Safety	Belvedere	-621.55
			Lock-out/Tag-outs+ Palm Leather work gloves; Forklift Safety Training - ...	8515 · Safety	Tiburon:Paradise C...	-38.32
			Lock-out/Tag-outs+ Palm Leather work gloves; Forklift Safety Training - ...	8515 · Safety	Tiburon	-872.93
TOTAL						-11,387.72
09/08/22	9186	Univar	Cust ID #STDT001, Chemicals - August 2022	JP Morgan Chase - Primary 73...		
			Inv #50507288 (PO #954216) Sodium Bisulfite 25% (\$1.4750/Gal) - Aug...	7024 · Main Plant Chemicals	Belvedere	-3,125.64
			Inv #50507288 (PO #954216) Sodium Bisulfite 25% (\$1.4750/Gal) - Aug...	7025 · Lab Supplies & Chemicals	Tiburon:Paradise C...	-192.70
			Inv #50507288 (PO #954216) Sodium Bisulfite 25% (\$1.4750/Gal) - Aug...	7024 · Main Plant Chemicals	Tiburon	-4,389.78
			Inv #50456580 (PO #160296), Sodium Hypochlorite 12.5% (\$0.7001/Gal...	7024 · Main Plant Chemicals	Belvedere	-1,070.91
			Inv #50456580 (PO #160296), Sodium Hypochlorite 12.5% (\$0.7001/Gal...	7042 · Paradise Supplies & Che...	Tiburon:Paradise C...	-66.02
			Inv #50456580 (PO #160296), Sodium Hypochlorite 12.5% (\$0.7001/Gal...	7024 · Main Plant Chemicals	Tiburon	-1,504.02
			Inv #50493592 (PO#160284), Sodium Bicarbonate (\$0.76/#) - August 20...	7024 · Main Plant Chemicals	Belvedere	-832.09
			Inv #50493592 (PO#160284), Sodium Bicarbonate (\$0.76/#) - August 20...	7042 · Paradise Supplies & Che...	Tiburon:Paradise C...	-51.30
			Inv #50493592 (PO#160284), Sodium Bicarbonate (\$0.76/#) - August 20...	7024 · Main Plant Chemicals	Tiburon	-1,168.61
TOTAL						-12,401.07
09/08/22	9187	USA BlueBook	Cust #933682, M.P. & Lab Supplies - August 2022	JP Morgan Chase - Primary 73...		
			Inv #086205 (PO#954142), M.P. Supplies - August 2022	7021 · Plant Maintenance Suppli...	Belvedere	-88.52
			Inv #086205 (PO#954142), M.P. Supplies - August 2022	7021 · Plant Maintenance Suppli...	Tiburon	-124.78
			Inv #058481 (PO#1160297) Lab supplies & Checmicals - August 2022	7025 · Lab Supplies & Chemicals	Belvedere	-43.71

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			Inv #058481 (PO#1160297) Lab supplies & Checmicals - August 2022	7025 · Lab Supplies & Chemicals	Tiburon	-61.62
TOTAL						-318.63
09/08/22	9188	Waste Management of Redwoo...	Acct #507-0000190-1507-2, Sludge Disposal - August 2022	JP Morgan Chase - Primary 73...		
			Inv #0106172-1507-3 Sludge Disposal - 2 Drop-offs + Reg-waste approv...	7029 · Main Plant Sludge Disposal	Belvedere	-279.31
			Inv #0106172-1507-3 Sludge Disposal - 2 Drop-offs + Reg-waste approv...	7029 · Main Plant Sludge Disposal	Tiburon	-393.73
TOTAL						-673.04
09/08/22	9189	Water Components & Building ...	Acct #454, M.P. Supplies - August 2022	JP Morgan Chase - Primary 73...		
			Inv #30588817 (PO#753080), M.P. Maint. Supplies - August 2022	7021 · Plant Maintenance Suppli...	Belvedere	-104.77
			Inv #30588817 (PO#753080), M.P. Maint. Supplies - August 2022	7021 · Plant Maintenance Suppli...	Tiburon	-147.68
			Inv #30588817 (PO#753080), P&L Supplies, Belvedere only - August 20...	7011 · Pumps & Lines Maintena...	Belvedere	-48.89
			Inv #30589331 (PO#286897), Broken line at M.P. - August 2022	7022 · Plant Maint. Parts & Servi...	Belvedere	-318.21
			Inv #30589331 (PO#286897), Broken line at M.P. - August 2022	7022 · Plant Maint. Parts & Servi...	Tiburon	-448.55
TOTAL						-1,068.10
09/08/22	9191	Zions Bank Corporation, N.A.	CB&T: #000140000098948, MPR Refi, Oct 2022	JP Morgan Chase - Primary 73...		
			#0001400000098948 - MPR Refi Pmt - Principal due 10/1/22 (B: 35.22%)	9701 · MPR Bond REFI - Principal	Belvedere	-209,559.00
			#0001400000098948 - MPR Refi Pmt - Principal due 10/1/22 (T: 64.78%)	9701 · MPR Bond REFI - Principal	Tiburon	-385,441.00
			#0001400000098948 - MPR Refi Pmt - Interest due 10/1/22 (B: 35.22%)	9702 · MPR Bond REFI - Interest	Belvedere	-29,086.08
			#0001400000098948 - MPR Refi Pmt - Interest due 10/1/22 (T: 64.78%)	9702 · MPR Bond REFI - Interest	Tiburon	-53,497.92
TOTAL						-677,584.00
09/08/22	9192	WorkSmart Automation, Inc.	SD5 Comm System Maintenance - August 2022	JP Morgan Chase - Primary 73...		
			Inv #5208, SCADA Programming/Assist TelStar - new installation; new st...	9403.1 · Cellular	Tiburon:Paradise C...	-185.00
TOTAL						-185.00
09/08/22	9193	La Torre, Daniel P.	Supplies Reimb - August 2022	JP Morgan Chase - Primary 73...		
			Supplies Reimb (Gaskets) - August 2022	7021 · Plant Maintenance Suppli...	Belvedere	-6.58
			Supplies Reimb (Gaskets) - August 2022	7021 · Plant Maintenance Suppli...	Tiburon	-9.28
TOTAL						-15.86
09/08/22	9194	Rosser, John	Incentive Program complete for FY22-23 - J Rosser	JP Morgan Chase - Primary 73...		
			Employee Incentive/Con't Ed Stipend: Secondary Treatment @ CSU - S...	8005 · Employee Incentives	Belvedere	-405.50
			Employee Incentive/Con't Ed Stipend: Secondary Treatment @ CSU - S...	8005 · Employee Incentives	Tiburon:Paradise C...	-25.00
			Employee Incentive/Con't Ed Stipend: Secondary Treatment @ CSU - S...	8005 · Employee Incentives	Tiburon	-569.50
			Employee Incentive/Con't Ed Stipend: Pretreatment Facility Inspection @...	8005 · Employee Incentives	Belvedere	-405.50

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			Employee Incentive/Con't Ed Stipend: Pretreatment Facility Inspection @...	8005 · Employee Incentives	Tiburon:Paradise C...	-25.00
			Employee Incentive/Con't Ed Stipend: Pretreatment Facility Inspection @...	8005 · Employee Incentives	Tiburon	-569.50
			Employee Incentive/Con't Ed Stipend: Membrane Bioreactors @ CSU - ...	8005 · Employee Incentives	Belvedere	-405.50
			Employee Incentive/Con't Ed Stipend: Membrane Bioreactors @ CSU - ...	8005 · Employee Incentives	Tiburon:Paradise C...	-25.00
			Employee Incentive/Con't Ed Stipend: Membrane Bioreactors @ CSU - ...	8005 · Employee Incentives	Tiburon	-569.50
			Employee Incentive/Con't Ed Stipend: Small h2O Systems Video Info Se...	8005 · Employee Incentives	Belvedere	-405.50
			Employee Incentive/Con't Ed Stipend: Small h2O Systems Video Info Se...	8005 · Employee Incentives	Tiburon:Paradise C...	-25.00
			Employee Incentive/Con't Ed Stipend: Small h2O Systems Video Info Se...	8005 · Employee Incentives	Tiburon	-569.50
			Employee Incentive/Con't Ed Stipend: Trx @ Metal Wastestreams @ CS...	8005 · Employee Incentives	Belvedere	-405.50
			Employee Incentive/Con't Ed Stipend: Trx @ Metal Wastestreams @ CS...	8005 · Employee Incentives	Tiburon:Paradise C...	-25.00
			Employee Incentive/Con't Ed Stipend: Trx @ Metal Wastestreams @ CS...	8005 · Employee Incentives	Tiburon	-569.50
			Con't Ed Books (Sac State H2o Programs above): Registration + Materia...	6020 · Continuing Education	Belvedere	-301.26
			Con't Ed Books (Sac State H2o Programs above): Registration + Materia...	6020 · Continuing Education	Tiburon:Paradise C...	-18.57
			Con't Ed Books (Sac State H2o Programs above): Registration + Materia...	6020 · Continuing Education	Tiburon	-423.10
TOTAL						-5,742.93
09/15/22	9197	Banshee Networks, Inc.	Computer/IT Support, E-Media Installations - June (AJE FY21-22) - J...	JP Morgan Chase - Primary 73...		
			Inv #15447 & Inv #15591: 07.01.22 - 9.7.2022: SD5 IT Support/Software ...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-823.74
			Inv #15447 & Inv #15591: 07.01.22 - 9.7.2022: SD5 IT Support/Software ...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-50.79
			Inv #15447 & Inv #15591: 07.01.22 - 9.7.2022: SD5 IT Support/Software ...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-1,156.89
			Inv #15447: Electronic monthly distributions only, no tangible media exch...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-986.02
			Inv #15447: Electronic monthly distributions only, no tangible media exch...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-80.07
			Inv #15447: Electronic monthly distributions only, no tangible media exch...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-1,675.90
TOTAL						-4,773.41
09/15/22	9198	Cal-Steam, Inc.	Cust ID# 89563, M.P. Supplies, August 2022	JP Morgan Chase - Primary 73...		
			Inv #4373761 (PO#954088), M.P. Supplies -- August 2022	7021 · Plant Maintenance Suppli...	Belvedere	-25.14
			Inv #4373761 (PO#954088), M.P. Supplies -- August 2022	7021 · Plant Maintenance Suppli...	Tiburon	-35.44
TOTAL						-60.58
09/15/22	9199	Caltest Analytical Laboratory	M.P./P.C. Lab Sampling - August 2022	JP Morgan Chase - Primary 73...		
			M.P. - T: #700111, #635293, #635786, #636080, #635578, #635868 - Au...	7051 · Main Plant Lab Monitoring	Belvedere	-830.29
			M.P. - T: #700111, #635293, #635786, #636080, #635578, #635868 - Au...	7051 · Main Plant Lab Monitoring	Tiburon	-1,170.41
TOTAL						-2,000.70
09/15/22	9200	Comcast Business	Acct# 8155 30 011 0149465, Bus. Voice, Internet & Cable - August 20...	JP Morgan Chase - Primary 73...		
			Bundle: Cable (\$219.75+\$71.33 add'l fees) - August 2022	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-118.03
			Bundle: Cable (\$219.75+\$71.33 add'l fees) - August 2022	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-7.28
			Bundle: Cable (\$219.75+\$71.33 add'l fees) - August 2022	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-165.77
			Bundle: Internet (\$19.95) - August 2022	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-8.09
			Bundle: Internet (\$19.95) - August 2022	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-0.50
			Bundle: Internet (\$19.95) - August 2022	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-11.36

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			Bundle: Land Line Phones (\$249.50+ \$18.85 add'l Fees) - August 2022	8531 · Main Plant Telephones	Belvedere	-108.82
			Bundle: Land Line Phones (\$249.50+ \$39.75 add'l Fees) - August 2022	8532 · Paradise Cove Telephones	Tiburon:Paradise C...	-6.71
			Bundle: Land Line Phones (\$249.50+ \$39.75 add'l Fees) - August 2022	8531 · Main Plant Telephones	Tiburon	-152.82
TOTAL						-579.38
09/15/22	9201	Mill Valley Refuse Service, Inc.	Acct #032945, Garbage Service + 1 yd rental, September 2022	JP Morgan Chase - Primary 73...		
			Garbage Service, Including 1 yd trash + 1 yd cardboard rental - Septemb...	7023 · Janitorial Supplies & Serv...	Belvedere	-107.18
			Garbage Service, Including 1 yd trash + 1 yd cardboard rental - Septemb...	7023 · Janitorial Supplies & Serv...	Tiburon	-151.09
TOTAL						-258.27
09/15/22	9202	Pacific Gas & Electric	Acct #2908031411-4, Utilities - August 2022	JP Morgan Chase - Primary 73...		
			Acct #2908031411-4, Main Plant Utilities - August 2022	8542 · Main Plant Utilities	Belvedere	-6,762.45
			Acct #2908031411-4, P.C. Plant Utilities - August 2022	8543 · Paradise Cove Utilities	Tiburon:Paradise C...	-2,310.10
			Acct #2908031411-4, Main Plant Utilities - August 2022	8542 · Main Plant Utilities	Tiburon	-9,532.62
			Acct #2908031411-4, Belv Pump St Utilities - August 2022	8544 · Pump Station Utilities	Belvedere	-1,484.45
			Acct #2908031411-4, P.C. Pump St Utilities - August 2022	8544 · Pump Station Utilities	Tiburon:Paradise C...	-285.34
			Acct #2908031411-4, Tib Pump St Utilities - August 2022	8544 · Pump Station Utilities	Tiburon	-2,777.32
TOTAL						-23,152.28
09/15/22	9203	PAN-PACIFIC SUPPLY COMPANY	Cust #954206: M.P. Pump Repair - September 2022	JP Morgan Chase - Primary 73...		
			Inv #29611533 (PO#954206): M.P. Pump Repair & Service - September ...	7022 · Plant Maint. Parts & Servi...	Belvedere	-4,311.30
			Inv #29611533 (PO#954206): M.P. Pump Repair & Service - September ...	7022 · Plant Maint. Parts & Servi...	Tiburon	-6,077.38
TOTAL						-10,388.68
09/15/22	9204	Pape Material Handling	Cust #5081167, Forklift Maintenance - August 2022	JP Morgan Chase - Primary 73...		
			Inv #19064609 (PO#954242), Forklift Maintenance/Service - August 2022	7072 · Maintenance	Belvedere	-105.10
			Inv #19064609 (PO#954242), Forklift Maintenance/Service - August 2022	7072 · Maintenance	Tiburon	-148.15
TOTAL						-253.25
09/15/22	9205	Roy's Sewer Service, Inc.	P&L, M.P. & PC, Tiburon & Belvedere - August 2022	JP Morgan Chase - Primary 73...		
			Inv #218482 @ PC / MP - Cleaned chamber, transported to M.P. - 8.30.2...	7043 · Paradise Sludge Disposal	Tiburon:Paradise C...	-1,040.00
			Inv #218554 @ M.P. - ER Cleaning at badly clogged Digester Line - 8.2...	7011 · Pumps & Lines Maintena...	Belvedere	-1,481.55
			Inv #218554 @ M.P. - ER Cleaning at badly clogged Digester Line - 8.2...	7011 · Pumps & Lines Maintena...	Tiburon	-2,088.45
TOTAL						-4,610.00
09/15/22	9206	Sewer Tek	M.P. Parts & Service - September 2022	JP Morgan Chase - Primary 73...		
			Inv #2020-1071, Resurface 2 M.P. manholes and install lids - August 2022	9313 · Manholes/Rodholes	Belvedere	-2,075.00

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			Inv #2020-1071, Resurface 2 M.P. manholes and install lids - August 2022	9313 · Manholes/Rodholes	Tiburon	-2,925.00
			Onv #2020-1071, Install Catch-Basin @ M.P. Boiler Rm - August 2022	7022 · Plant Maint. Parts & Servi...	Belvedere	-2,075.00
			Onv #2020-1071, Install Catch-Basin @ M.P. Boiler Rm - August 2022	7022 · Plant Maint. Parts & Servi...	Tiburon	-2,925.00
TOTAL						-10,000.00
09/15/22	9207	Special District Risk Managemen...	Member #7665, Life, Vision, DDS & LTD Ins. - October 2022	JP Morgan Chase - Primary 73...		
			Employee Life & ADD Insurance - Inv #H39648 - October 2022	8020.05 · Employee Health	Belvedere	-71.69
			Employee Life & ADD Insurance - Inv #H39648 - October 2022	8020.05 · Employee Health	Tiburon:Paradise C...	-4.42
			Employee Life & ADD Insurance - Inv #H39648 - October 2022	8020.05 · Employee Health	Tiburon	-100.69
			Employee LTD Insurance - Inv #H39648 - October 2022	8020.05 · Employee Health	Belvedere	-177.37
			Employee LTD Insurance - Inv #H39648 - October 2022	8020.05 · Employee Health	Tiburon:Paradise C...	-10.94
			Employee LTD Insurance - Inv #H39648 - October 2022	8020.05 · Employee Health	Tiburon	-249.11
			Employee DDS Insurance - Inv #H39648 - October 2022	8020.05 · Employee Health	Belvedere	-529.41
			Employee DDS Insurance - Inv #H39648 - October 2022	8020.05 · Employee Health	Tiburon:Paradise C...	-32.64
			Employee DDS Insurance - Inv #H39648 - October 2022	8020.05 · Employee Health	Tiburon	-743.52
			Employee Vision Insurance - Inv #H39648 - October 2022	8020.05 · Employee Health	Belvedere	-92.43
			Employee Vision Insurance - Inv #H39648 - October 2022	8020.05 · Employee Health	Tiburon:Paradise C...	-5.70
			Employee Vision Insurance - Inv #H39648 - October 2022	8020.05 · Employee Health	Tiburon	-129.81
TOTAL						-2,147.73
09/15/22	9208	Staples, Inc.	Acct #60111000714, Office Supplies - August 2022	JP Morgan Chase - Primary 73...		
			Inv #3129884491 & #3130020321, Paper + Office supplies - August 2022	6047 · Office Supplies	Belvedere	-68.55
			Inv #3129884491 & #3130020321, Paper + Office supplies - August 2022	6047 · Office Supplies	Tiburon:Paradise C...	-4.23
			Inv #3129884491 & #3130020321, Paper + Office supplies - August 2022	6047 · Office Supplies	Tiburon	-96.27
TOTAL						-169.05
09/15/22	9209	USA BlueBook	Cust #933682, M.P. Supplies & Lab Equipment - August 2022	JP Morgan Chase - Primary 73...		
			Inv #074224 (PO#954213), M.P. Supplies @ LMI Pumps - August 2022	7021 · Plant Maintenance Suppli...	Belvedere	-45.39
			Inv #074224 (PO#954213), M.P. Supplies @ LMI Pumps - August 2022	7021 · Plant Maintenance Suppli...	Tiburon	-63.99
			Inv #077257 (PO#954214) Lab supplies (1 Phase Contrast/Bright Miscro...	7025 · Lab Supplies & Chemicals	Belvedere	-1,258.81
			Inv #077257 (PO#954214) Lab supplies (1 Phase Contrast/Bright Miscro...	7025 · Lab Supplies & Chemicals	Tiburon	-1,774.47
TOTAL						-3,142.66
09/15/22	9210	XMR Fire Emergency Services ...	Website Hosting, Maint & Support, Contract Renewal 2022 - Septem...	JP Morgan Chase - Primary 73...		
			Inv #2022-009, IT/Alarms/Data: Todd Lando - Website Hosting, Maint & ...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-504.44
			Inv #2022-009, IT/Alarms/Data: Todd Lando - Website Hosting, Maint & ...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-31.10
			Inv #2022-009, IT/Alarms/Data: Todd Lando - Website Hosting, Maint & ...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-708.46
TOTAL						-1,244.00
09/15/22	9211	Rosser, John	Standby Mileage Reimb J Rosser - September 2022	JP Morgan Chase - Primary 73...		

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			Standby Mileage Reimb J Rosser - September 2022	6018.2 · Standby Mileage Expen...	Belvedere	-42.53
			Standby Mileage Reimb J Rosser - September 2022	6018.2 · Standby Mileage Expen...	Tiburon	-111.17
TOTAL						-153.70
09/29/22	921...	State Water Resources Control ...	SWRCB OIT Application Fees for A Hill - September 2022 (EFT)	JP Morgan Chase - Primary 73...		
			SWRCB OIT Application Fees for A Hill - September 2022 (EFT)	6025 · Dues & Subscriptions	Belvedere	-50.69
			SWRCB OIT Application Fees for A Hill - September 2022 (EFT)	6025 · Dues & Subscriptions	Tiburon:Paradise C...	-3.13
			SWRCB OIT Application Fees for A Hill - September 2022 (EFT)	6025 · Dues & Subscriptions	Tiburon	-71.18
TOTAL						-125.00
10/05/22	921...	State Water Resources Control ...	SWRCB G1 Exam Fees for A Hill - October 2022 (EFT)	JP Morgan Chase - Primary 73...		
			SWRCB G1 Exam Fees for A Hill - October 2022 (EFT)	6025 · Dues & Subscriptions	Belvedere	-48.66
			SWRCB G1 Exam Fees for A Hill - October 2022 (EFT)	6025 · Dues & Subscriptions	Tiburon:Paradise C...	-3.00
			SWRCB G1 Exam Fees for A Hill - October 2022 (EFT)	6025 · Dues & Subscriptions	Tiburon	-68.34
TOTAL						-120.00
10/13/22	9216	AAAA Generator Services, Inc.	SD5 P&L Generators - September 2022	JP Morgan Chase - Primary 73...		
			Inv #52565 (PO#753092), Diagnostic testing + load bank and cable usag...	7011 · Pumps & Lines Maintena...	Belvedere	-19,201.05
TOTAL						-19,201.05
10/13/22	9217	Access Answering Service	Acct #4080C, Answering Service - October 2022	JP Morgan Chase - Primary 73...		
			Inv #28652, Answering Service, October 2022 - SSO & Alarm Notificatio...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-26.76
			Inv #28652, Answering Service, October 2022 - SSO & Alarm Notificatio...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-1.65
			Inv #28652, Answering Service, October 2022 - SSO & Alarm Notificatio...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-37.59
TOTAL						-66.00
10/13/22	9218	Alameda Electrical Distributors,...	Cust #56156, M.P. Supplies - September 2022	JP Morgan Chase - Primary 73...		
			Inv #S5347140.004 (PO#954067): M.P. Parts - September 2022	7021 · Plant Maintenance Suppli...	Belvedere	-144.75
			Inv #S5347140.004 (PO#954067): M.P. Parts - September 2022	7021 · Plant Maintenance Suppli...	Tiburon	-204.05
			Inv #S5387529.001 (PO #954082): P.C. PG&E Electrical Safety Equipm...	8515 · Safety	Tiburon:Paradise C...	-1,879.37
			Inv #S5402728.002, .003, .004 (PO #954090): P.C. Pump Stations 1&2/...	9403.1 · Cellular	Tiburon:Paradise C...	-428.79
TOTAL						-2,656.96
10/13/22	9219	Alhambra	Acct #547945611762129, Water - August - September 2022	JP Morgan Chase - Primary 73...		
			Inv #12012314 091622, Water, thru 9.14.2022 - August - September 20...	7023 · Janitorial Supplies & Serv...	Belvedere	-60.55
			Inv #12012314 091622, Water, thru 9.14.2022 - August - September 20...	7042 · Paradise Supplies & Che...	Tiburon:Paradise C...	-3.73

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			Inv #12012314 091622, Water, thru 9.14.2022 - August - September 20...	7023 · Janitorial Supplies & Serv...	Tiburon	-85.04
TOTAL						-149.32
10/13/22	9220	AT&T	Acct #960732-76375559 - September 2022	JP Morgan Chase - Primary 73...		
			PC Plant Telephones - September 2022	8532 · Paradise Cove Telephones	Tiburon:Paradise C...	-520.58
			PC Pumps & Lines Telephones - September 2022	8533 · Pumps & Lines Telephones	Tiburon:Paradise C...	-8.27
			Tib Pumps & Lines Telephones - September 2022	8533 · Pumps & Lines Telephones	Tiburon	-314.01
TOTAL						-842.86
10/13/22	9221	Bay Alarm	Acct #274428, October - December 2022	JP Morgan Chase - Primary 73...		
			Inv #274428220915M, Alarm Monitoring Fees - Security, Burglar & Fire, ...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-104.62
			Inv #274428220915M, Alarm Monitoring Fees - Security, Burglar & Fire, ...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-6.45
			Inv #274428220915M, Alarm Monitoring Fees - Security, Burglar & Fire, ...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-146.93
TOTAL						-258.00
10/13/22	9222	Banshee Networks, Inc.	Computer/IT Support, E-Media Installations - October 2022	JP Morgan Chase - Primary 73...		
			Inv #15622: SD5 IT Support/Software upgrades/software subscriptions r...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-600.71
			Inv #15622: SD5 IT Support/Software upgrades/software subscriptions r...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-37.04
			Inv #15622: SD5 IT Support/Software upgrades/software subscriptions r...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-843.66
TOTAL						-1,481.41
10/13/22	9223	Brelje and Race Laboratories, I...	M.P./P.C. Plant Samples - August 2022	JP Morgan Chase - Primary 73...		
			Inv #144569: M.P. Samples - August 2022	7051 · Main Plant Lab Monitoring	Belvedere	-616.28
			Inv #144569: P.C. Samples - August 2022	7052 · Paradise Cove Monitoring	Tiburon:Paradise C...	-187.00
			Inv #144569: M.P. Samples - August 2022	7051 · Main Plant Lab Monitoring	Tiburon	-868.72
TOTAL						-1,672.00
10/13/22	9224	Burke, Williams & Sorensen, LLP	Legal Advice - August 2022	JP Morgan Chase - Primary 73...		
			Inv #291083, DCS - August 2022	6039 · Legal	Belvedere	-127.73
			Inv #291083, DCS - August 2022	6039 · Legal	Tiburon:Paradise C...	-7.88
			Inv #291083, DCS - August 2022	6039 · Legal	Tiburon	-179.39
			Inv #291083, Conflict of Interest - August 2022	6039 · Legal	Belvedere	-536.48
			Inv #291083, Conflict of Interest - August 2022	6039 · Legal	Tiburon:Paradise C...	-33.08
			Inv #291083, Conflict of Interest - August 2022	6039 · Legal	Tiburon	-753.44
			Inv #291083, T-B 2022 Sewer Rehab Project Dispute - August 2022	6039 · Legal	Belvedere	-503.29
			Inv #291083, T-B 2022 Sewer Rehab Project Dispute - August 2022	6039 · Legal	Tiburon	-709.46
			Inv #291083, Ord Chg - August 2022	6039 · Legal	Belvedere	-102.19
			Inv #291083, Ord Chg - August 2022	6039 · Legal	Tiburon:Paradise C...	-6.30
			Inv #291083, Ord Chg - August 2022	6039 · Legal	Tiburon	-143.51
			Inv #291083, Gift of Public Funds - August 2022	6039 · Legal	Belvedere	-95.80

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Date	Num	Name	Memo	Account	Class	Paid Amount
			Inv #291083, Gift of Public Funds - August 2022	6039 · Legal	Tiburon:Paradise C...	-5.91
			Inv #291083, Gift of Public Funds - August 2022	6039 · Legal	Tiburon	-134.54
TOTAL						-3,339.00
10/13/22	9225	BWS Distributors, Inc.	Lab Safety Supplies - September 2022	JP Morgan Chase - Primary 73...		
			Inv #278401 (PO #954241), Lab Safety Supplies - September 2022	8515 · Safety	Belvedere	-314.01
			Inv #278401 (PO #954241), Lab Safety Supplies - September 2022	8515 · Safety	Tiburon	-19.36
			Inv #278401 (PO #954241), Lab Safety Supplies - September 2022	8515 · Safety	Belvedere	-441.01
TOTAL						-774.38
10/13/22	9226	Cal-Steam, Inc.	Cust ID# 89563, M.P. Supplies - September 2022	JP Morgan Chase - Primary 73...		
			Inv #4387401 & #4387756 (PO#954093 & PO#954091), M.P. Supplies - ...	7021 · Plant Maintenance Suppli...	Belvedere	-576.11
			Inv #4387401 & #4387756 (PO#954093 & PO#954091), M.P. Supplies - ...	7021 · Plant Maintenance Suppli...	Tiburon	-812.10
TOTAL						-1,388.21
10/13/22	9227	Caltest Analytical Laboratory	M.P./P.C. Lab Sampling - September 2022	JP Morgan Chase - Primary 73...		
			M.P. - B: #636447, #700111, #700164, #700253, #700375, #700421. #7...	7051 · Main Plant Lab Monitoring	Belvedere	-867.37
			M.P. - T: #636447, #700111, #700164, #700253, #700375, #700421. #7...	7051 · Main Plant Lab Monitoring	Tiburon	-1,222.68
TOTAL						-2,090.05
10/13/22	9228	Caltronics Business Systems, I...	Acct #SD15, Multi-purpose Copier Contract - September 2022	JP Morgan Chase - Primary 73...		
			Inv Inv #3591721, Konica Multi-purpose copier (C308) contract - Septem...	6047 · Office Supplies	Belvedere	-102.24
			Inv Inv #3591721, Konica Multi-purpose copier (C308) contract - Septem...	6047 · Office Supplies	Tiburon:Paradise C...	-6.30
			Inv Inv #3591721, Konica Multi-purpose copier (C308) contract - Septem...	6047 · Office Supplies	Tiburon	-143.59
TOTAL						-252.13
10/13/22	9229	Central Marin Sanitation Agency	Pollution Prevention Pub Ed Costs - October 2022	JP Morgan Chase - Primary 73...		
			Inv #INV00748, Analyses Results re Volatile Acid Monitoring - October 2...	6059 · Pollution Prevention/Publi...	Belvedere	-168.28
			Inv #INV00748, Analyses Results re Volatile Acid Monitoring - October 2...	6059 · Pollution Prevention/Publi...	Tiburon:Paradise C...	-10.38
			Inv #INV00748, Analyses Results re Volatile Acid Monitoring - October 2...	6059 · Pollution Prevention/Publi...	Tiburon	-236.34
TOTAL						-415.00
10/13/22	9230	Cintas Corporation #626	Acct #626-00821, PPE/Safetywear - July - September 2022	JP Morgan Chase - Primary 73...		
			#4122057952, #4122731294, #4123405964 - Paid in June 2022, accordi...	8520 · Personal Protection/Safet...	Belvedere	-42.71
			#4122057952, #4122731294, #4123405964 - Paid in June 2022, accordi...	8520 · Personal Protection/Safet...	Tiburon:Paradise C...	-2.63
			#4122057952, #4122731294, #4123405964 - Paid in June 2022, accordi...	8520 · Personal Protection/Safet...	Tiburon	-60.00
			#4130230627, #4130860558, #4131593147, #4132267602, #413297407...	8520 · Personal Protection/Safet...	Belvedere	-71.74

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Date	Num	Name	Memo	Account	Class	Paid Amount
			#4130230627, #4130860558, #4131593147, #4132267602, #413297407...	8520 · Personal Protection/Safet...	Tiburon:Paradise C...	-4.42
			#4130230627, #4130860558, #4131593147, #4132267602, #413297407...	8520 · Personal Protection/Safet...	Tiburon	-100.75
			#1903222987 - August 2022	8520 · Personal Protection/Safet...	Belvedere	-402.45
			#1903222987 - August 2022	8520 · Personal Protection/Safet...	Tiburon:Paradise C...	-24.81
			#1903222987 - August 2022	8520 · Personal Protection/Safet...	Tiburon	-565.22
TOTAL						-1,274.73
10/13/22	9231	Comcast Business	Acct# 8155 30 011 0149465, Bus. Voice, Internet & Cable - Septembe...	JP Morgan Chase - Primary 73...		
			Bundle: Cable (\$219.75+\$71.33 add'l fees) - September 2022	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-118.03
			Bundle: Cable (\$219.75+\$71.33 add'l fees) - September 2022	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-7.28
			Bundle: Cable (\$219.75+\$71.33 add'l fees) - September 2022	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-165.77
			Bundle: Internet (\$19.95) - September 2022	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-8.09
			Bundle: Internet (\$19.95) - September 2022	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-0.50
			Bundle: Internet (\$19.95) - September 2022	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-11.36
			Bundle: Land Line Phones (\$249.50+ \$18.85 add'l Fees) - September 20...	8531 · Main Plant Telephones	Belvedere	-108.19
			Bundle: Land Line Phones (\$249.50+ \$39.75 add'l Fees) - September 20...	8532 · Paradise Cove Telephones	Tiburon:Paradise C...	-6.67
			Bundle: Land Line Phones (\$249.50+ \$39.75 add'l Fees) - September 20...	8531 · Main Plant Telephones	Tiburon	-151.95
TOTAL						-577.84
10/13/22	9233	CWEA	Membership & Cert Renewal Fees - August - September 2022	JP Morgan Chase - Primary 73...		
			C Billsborough (#396032), CWEA Membership Dues FY22-23, 11.1.2022...	6025 · Dues & Subscriptions	Belvedere	-25.68
			C Billsborough (#396032), CWEA Membership Dues FY22-23, 11.1.2022...	6025 · Dues & Subscriptions	Tiburon:Paradise C...	-1.58
			C Billsborough (#396032), CWEA Membership Dues FY22-23, 11.1.2022...	6025 · Dues & Subscriptions	Tiburon	-36.06
			C Billsborough (#396032), CWEA Membership Dues FY22-23, 7.1.2023 -...	6025 · Dues & Subscriptions	Belvedere	-12.84
			C Billsborough (#396032), CWEA Membership Dues FY22-23, 7.1.2023 -...	6025 · Dues & Subscriptions	Tiburon:Paradise C...	-0.79
			C Billsborough (#396032), CWEA Membership Dues FY22-23, 7.1.2023 -...	6025 · Dues & Subscriptions	Tiburon	-18.03
			R Cottrell (#58912), CWEA Membership Dues FY22-23, 12.1.2022 - 6.30...	6025 · Dues & Subscriptions	Belvedere	-20.28
			R Cottrell (#58912), CWEA Membership Dues FY22-23, 12.1.2022 - 6.30...	6025 · Dues & Subscriptions	Tiburon:Paradise C...	-1.25
			R Cottrell (#58912), CWEA Membership Dues FY22-23, 12.1.2022 - 6.30...	6025 · Dues & Subscriptions	Tiburon	-28.48
			R Cottrell (#58912), CWEA Membership Dues FY22-23, 7.1.2023 - 11.30...	6025 · Dues & Subscriptions	Belvedere	-20.28
			R Cottrell (#58912), CWEA Membership Dues FY22-23, 7.1.2023 - 11.30...	6025 · Dues & Subscriptions	Tiburon:Paradise C...	-1.25
			R Cottrell (#58912), CWEA Membership Dues FY22-23, 7.1.2023 - 11.30...	6025 · Dues & Subscriptions	Tiburon	-28.48
			I Salazar (#), CWEA Membership Dues FY22-23, 7.1.2022 - 6.3...	6025 · Dues & Subscriptions	Belvedere	-81.91
			I Salazar (#), CWEA Membership Dues FY22-23, 7.1.2022 - 6.3...	6025 · Dues & Subscriptions	Tiburon:Paradise C...	-5.05
			I Salazar (#), CWEA Membership Dues FY22-23, 7.1.2022 - 6.3...	6025 · Dues & Subscriptions	Tiburon	-115.04
TOTAL						-397.00
10/13/22	9234	D&K Auto Service	SD5 Truck Maint., July - October 2022	JP Morgan Chase - Primary 73...		
			Inv #068470 (PO#) -- 2013 Ford F-250Super Duty XLT, Repair/Maint...	7072 · Maintenance	Belvedere	-64.94
			Inv #068470 (PO#) -- 2013 Ford F-250Super Duty XLT, Repair/Maint...	7072 · Maintenance	Tiburon:Paradise C...	-4.00
			Inv #068470 (PO#) -- 2013 Ford F-250Super Duty XLT, Repair/Maint...	7072 · Maintenance	Tiburon	-91.20
			Inv #72637 (PO#) -- 2015 VW Golf TDI, Repair/Maintenance - Octobe...	7072 · Maintenance	Belvedere	-61.52
			Inv #72637 (PO#) -- 2015 VW Golf TDI, Repair/Maintenance - Octobe...	7072 · Maintenance	Tiburon:Paradise C...	-3.79
			Inv #72637 (PO#) -- 2015 VW Golf TDI, Repair/Maintenance - Octobe...	7072 · Maintenance	Tiburon	-86.40

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TOTAL						-311.85
10/13/22	9235	DKF Solutions Group, LLC	My Safety Officer Monthly Subscription - August & September 2022	JP Morgan Chase - Primary 73...		
			Inv #20799, My Safety Officer Monthly Subscription Fee - October 2022	8515 · Safety	Belvedere	-141.93
			Inv #20799, My Safety Officer Monthly Subscription Fee - October 2022	8515 · Safety	Tiburon:Paradise C...	-8.75
			Inv #20799, My Safety Officer Monthly Subscription Fee - October 2022	8515 · Safety	Tiburon	-199.32
			Inv #20817 (PO #160861), CalOSHA Hotwork Policy Development - Oct...	8515 · Safety	Belvedere	-273.71
			Inv #20817 (PO #160861), CalOSHA Hotwork Policy Development - Oct...	8515 · Safety	Tiburon:Paradise C...	-16.88
			Inv #20817 (PO #160861), CalOSHA Hotwork Policy Development - Oct...	8515 · Safety	Tiburon	-384.41
			Inv #20764 (PO #160861), CalOSHA Traffic Control Policy Development ...	8515 · Safety	Belvedere	-950.39
			Inv #20764 (PO #160861), CalOSHA Traffic Control Policy Development ...	8515 · Safety	Tiburon:Paradise C...	-58.59
			Inv #20764 (PO #160861), CalOSHA Traffic Control Policy Development ...	8515 · Safety	Tiburon	-1,334.77
			Inv #20772 (PO #160861), CalOSHA Bloodbourne Pathogens, Hazard C...	8515 · Safety	Belvedere	-5,024.15
			Inv #20772 (PO #160861), CalOSHA Bloodbourne Pathogens, Hazard C...	8515 · Safety	Tiburon:Paradise C...	-309.75
			Inv #20772 (PO #160861), CalOSHA Bloodbourne Pathogens, Hazard C...	8515 · Safety	Tiburon	-7,056.10
TOTAL						-15,758.75
10/13/22	9236	E & M Electric & Machinery, Inc.	Cust #SANI5, SCADA Sys. Maint.& IT Support Contract Renewal, No...	JP Morgan Chase - Primary 73...		
			Order #222856/CFA#10015, SCADA System Maintenance & IT Support,...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-2,311.01
			Order #222856/CFA#10015, SCADA System Maintenance & IT Support,...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-142.48
			Order #222856/CFA#10015, SCADA System Maintenance & IT Support,...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-3,245.68
			Order #222856/CFA#10015, SCADA System Maintenance & IT Support,...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-1,650.72
			Order #222856/CFA#10015, SCADA System Maintenance & IT Support,...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-101.77
			Order #222856/CFA#10015, SCADA System Maintenance & IT Support,...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-2,318.34
			Order #222855/CFA#100158, SCADA System Maintenance & IT Suppor...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-366.64
			Order #222855/CFA#100158, SCADA System Maintenance & IT Suppor...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-22.60
			Order #222855/CFA#100158, SCADA System Maintenance & IT Suppor...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-514.93
			Order #222855/CFA#100158, SCADA System Maintenance & IT Suppor...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-261.88
			Order #222855/CFA#100158, SCADA System Maintenance & IT Suppor...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-16.15
			Order #222855/CFA#100158, SCADA System Maintenance & IT Suppor...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-367.80
			Inv #222855 / CFA#100158, TopView Support Renewal, 12.1.2022 - 6.3...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-230.63
			Inv #222855 / CFA#100158, TopView Support Renewal, 12.1.2022 - 6.3...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-14.22
			Inv #222855 / CFA#100158, TopView Support Renewal, 12.1.2022 - 6.3...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-323.90
			Inv #222855 / CFA#100158, TopView Support Renewal, 7.1.2023 - 11.3...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-164.73
			Inv #222855 / CFA#100158, TopView Support Renewal, 7.1.2023 - 11.3...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-10.16
			Inv #222855 / CFA#100158, TopView Support Renewal, 7.1.2023 - 11.3...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-231.36
TOTAL						-12,295.00
10/13/22	9237	Goodman Building Supply Co.	Acct #20070, M.P. Supplies - September 2022	JP Morgan Chase - Primary 73...		
			Inv #854985, #855294 (PO#954092), Inv #855889 (PO#954096), M.P. S...	7021 · Plant Maintenance Suppli...	Belvedere	-104.07
			Inv #854985, #855294 (PO#954092), Inv #855889 (PO#954096), M.P. S...	7021 · Plant Maintenance Suppli...	Tiburon	-146.70
TOTAL						-250.77
10/13/22	9238	Gopher-It Trenchless	Emergency Repairs & Lateral Repairs - September 2022	JP Morgan Chase - Primary 73...		

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			Inv #G3178, Rodhole Installation @ 245 Bayview Ave. - September 2022	9313 · Manholes/Rodholes	Belvedere	-2,300.00
TOTAL						-2,300.00
10/13/22	9239	GovInvest, Inc.	IT Consulting, Actuarial Software & Presentation - October 2022	JP Morgan Chase - Primary 73...		
			FY22-23 Actuarial Outlook & Presentation - October 2022	6017 · Consulting Fees	Belvedere	-608.25
			FY22-23 Actuarial Outlook & Presentation - October 2022	6017 · Consulting Fees	Tiburon:Paradise C...	-37.50
			FY22-23 Actuarial Outlook & Presentation - October 2022	6017 · Consulting Fees	Tiburon	-854.25
TOTAL						-1,500.00
10/13/22	9240	HDR Engineering, Inc.	Consulting, SD5 MNP Digester Rehab - Sept - Oct 2022	JP Morgan Chase - Primary 73...		
			Inv #1200463309, HDR Consulting, SD5 M.P Digester Cleaning & Reha...	6017 · Consulting Fees	Belvedere	-1,312.51
			Inv #1200463309, HDR Consulting, SD5 M.P Digester Cleaning & Reha...	6017 · Consulting Fees	Tiburon:Paradise C...	-80.92
			Inv #1200463309, HDR Consulting, SD5 M.P Digester Cleaning & Reha...	6017 · Consulting Fees	Tiburon	-1,843.34
			Inv #1200466569, HDR Consulting, SD5 M.P Digester Cleaning & Reha...	6017 · Consulting Fees	Belvedere	-8,544.87
			Inv #1200466569, HDR Consulting, SD5 M.P Digester Cleaning & Reha...	6017 · Consulting Fees	Tiburon:Paradise C...	-526.81
			Inv #1200466569, HDR Consulting, SD5 M.P Digester Cleaning & Reha...	6017 · Consulting Fees	Tiburon	-12,000.74
TOTAL						-24,309.19
10/13/22	9241	Home Depot Credit Services	#6035322005164334: M.P. Parts & Srvc - September - October 2022	JP Morgan Chase - Primary 73...		
			Inv #2532683 (PO#752955), M.P. Supplies - September 2022	7021 · Plant Maintenance Suppli...	Belvedere	-30.74
			Inv #2532683 (PO#752955), M.P. Supplies - September 2022	7021 · Plant Maintenance Suppli...	Tiburon	-43.33
			Inv #9524772 (PO#753093), M.P. Supplies - October 2022	7021 · Plant Maintenance Suppli...	Belvedere	-199.13
			Inv #9524772 (PO#753093), P.C. Supplies - October 2022	7041 · Paradise Parts & Service	Tiburon:Paradise C...	-12.28
			Inv #9524772 (PO#753093), M.P. Supplies - October 2022	7021 · Plant Maintenance Suppli...	Tiburon	-279.67
			Inv #9524772 (PO#753093), P&L Supplies - October 2022	7011 · Pumps & Lines Maintena...	Belvedere	-203.80
			Inv #9524772 (PO#753093), P&L Supplies - October 2022	7011 · Pumps & Lines Maintena...	Tiburon	-287.28
TOTAL						-1,056.23
10/13/22	9242	Jackson's Hardware, Inc.	Acct #7601, Safety Gear, Boots + Uniforms - September 2022	JP Morgan Chase - Primary 73...		
			Inv #114746 (PO#953053 - AH), Safety Boots - September 2022	8520 · Personal Protection/Safet...	Belvedere	-81.10
			Inv #114746 (PO#953053 - AH), Safety Boots - September 2022	8520 · Personal Protection/Safet...	Tiburon:Paradise C...	-5.00
			Inv #114746 (PO#953053 - AH), Safety Boots - September 2022	8520 · Personal Protection/Safet...	Tiburon	-113.89
			Inv #114746 (PO#953053 - JR), Safety Boots - September 2022	8520 · Personal Protection/Safet...	Belvedere	-70.96
			Inv #114746 (PO#953053 - JR), Safety Boots - September 2022	8520 · Personal Protection/Safet...	Tiburon:Paradise C...	-4.38
			Inv #114746 (PO#953053 - JR), Safety Boots - September 2022	8520 · Personal Protection/Safet...	Tiburon	-99.66
			Inv #114746 (PO#953053 - AH), Uniforms - September 2022	8520 · Personal Protection/Safet...	Belvedere	-207.78
			Inv #114746 (PO#953053 - AH), Uniforms - September 2022	8520 · Personal Protection/Safet...	Tiburon:Paradise C...	-12.81
			Inv #114746 (PO#953053 - AH), Uniforms - September 2022	8520 · Personal Protection/Safet...	Tiburon	-291.82
			Inv #114746 (PO#953053 - DL), Wet weather/Safety Gear - September 2...	8515 · Safety	Belvedere	-64.87
			Inv #114746 (PO#953053 - DL), Wet weather/Safety Gear - September 2...	8515 · Safety	Tiburon:Paradise C...	-4.00
			Inv #114746 (PO#953053 - DL), Wet weather/Safety Gear - September 2...	8515 · Safety	Tiburon	-91.10

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TOTAL						-1,047.37
10/13/22	9243	JM Integration, LLC	M.P. Parts & Service - August 2022	JP Morgan Chase - Primary 73...		
			Inv #22172 (PO#654004): Replaced SD5 tank level sensors at SD5 + ne...	7022 · Plant Maint. Parts & Servi...	Belvedere	-1,452.06
			Inv #22172 (PO#654004): Replaced SD5 tank level sensors at SD5 + ne...	7022 · Plant Maint. Parts & Servi...	Tiburon	-2,046.88
			Inv #22172 (PO#654004): Replaced SASM tank level sensors at SD5 + ...	7022 · Plant Maint. Parts & Servi...	Belvedere	-1,274.36
			Inv #22172 (PO#654004): Replaced SASM tank level sensors at SD5 + ...	7022 · Plant Maint. Parts & Servi...	Tiburon	-1,796.38
TOTAL						-6,569.68
10/13/22	9244	Lystek Int'l, LTD	Biosolids Transport - September 2022	JP Morgan Chase - Primary 73...		
			Inv #153-585, Biosolids Transport to Lystek Facility (12.99 tns) - Septem...	7029 · Main Plant Sludge Disposal	Belvedere	-477.63
			Inv #153-585, Biosolids Transport to Lystek Facility (12.99tns) - Septemb...	7029 · Main Plant Sludge Disposal	Tiburon	-673.28
TOTAL						-1,150.91
10/13/22	9245	Medical Center of Marin, ES A/R	Acct #:SDN5_B1, Preemployment Screening: A Hill (DOH: 9.26.2022)	JP Morgan Chase - Primary 73...		
			Inv #00162360-00, Preemployment Screening: A Hill (D.O.H.: 9.26.2022)	8020.05 · Employee Health	Belvedere	-18.25
			Inv #00162360-00, Preemployment Screening: A Hill (D.O.H.: 9.26.2022)	8020.05 · Employee Health	Tiburon:Paradise C...	-1.13
			Inv #00162360-00, Preemployment Screening: A Hill (D.O.H.: 9.26.2022)	8020.05 · Employee Health	Tiburon	-25.62
TOTAL						-45.00
10/13/22	9246	Mill Valley Refuse Service, Inc.	Acct #032945, Garbage Service + 1 yd rental, October 2022	JP Morgan Chase - Primary 73...		
			Garbage Service, Including 1 yd trash + 1 yd cardboard rental - October ...	7023 · Janitorial Supplies & Serv...	Belvedere	-105.17
			Garbage Service, Including 1 yd trash + 1 yd cardboard rental - October ...	7023 · Janitorial Supplies & Serv...	Tiburon	-148.25
TOTAL						-253.42
10/13/22	9247	Mill Valley Refuse Service, Inc.	Acct #063092, SLUDGE TRANSPORT - August & September 2022	JP Morgan Chase - Primary 73...		
			Acct #63092, Sludge Transport/Exchange only, 8.11.2022, 8.24.2022, 8....	7029 · Main Plant Sludge Disposal	Belvedere	-597.60
			Acct #63092, Sludge Transport/Exchange only, 8.11.2022, 8.24.2022, 8....	7029 · Main Plant Sludge Disposal	Tiburon	-842.40
			Acct #63092, Sludge Transport/Exchange only, 9.20.2022	7029 · Main Plant Sludge Disposal	Belvedere	-298.80
			Acct #63092, Sludge Transport/Exchange only, 9.20.2022	7029 · Main Plant Sludge Disposal	Tiburon	-421.20
TOTAL						-2,160.00
10/13/22	9248	Nova Systems	Phone/Internet Assistance - August 2022	JP Morgan Chase - Primary 73...		
			Inv #1917, Phone/Internet Assistance - August 2022	8542 · Main Plant Utilities	Belvedere	-186.75
			Inv #1917, Phone/Internet Assistance - August 2022	8542 · Main Plant Utilities	Tiburon	-263.25
TOTAL						-450.00

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10/13/22	9250	Ongaro & Sons, Inc.	Client #1082, HVAC Repair - August 2022	JP Morgan Chase - Primary 73...		
			Inv #120266 (PO#) re M.P. HVAC Repair for heating + A/C + repair...	7022 · Plant Maint. Parts & Servi...	Belvedere	-320.23
			Inv #120266 (PO#) re M.P. HVAC Repair for heating + A/C + repair...	7022 · Plant Maint. Parts & Servi...	Tiburon	-451.41
TOTAL						-771.64
10/13/22	9251	Pacific Gas & Electric	Acct #2908031411-4, Utilities - September 2022	JP Morgan Chase - Primary 73...		
			Acct #2908031411-4, Main Plant Utilities - September 2022	8542 · Main Plant Utilities	Belvedere	-6,216.18
			Acct #2908031411-4, P.C. Plant Utilities - September 2022	8543 · Paradise Cove Utilities	Tiburon:Paradise C...	-2,144.25
			Acct #2908031411-4, Main Plant Utilities - September 2022	8542 · Main Plant Utilities	Tiburon	-8,762.56
			Acct #2908031411-4, Belv Pump St Utilities - September 2022	8544 · Pump Station Utilities	Belvedere	-1,329.17
			Acct #2908031411-4, P.C. Pump St Utilities - September 2022	8544 · Pump Station Utilities	Tiburon:Paradise C...	-272.11
			Acct #2908031411-4, Tib Pump St Utilities - September 2022	8544 · Pump Station Utilities	Tiburon	-2,523.62
TOTAL						-21,247.89
10/13/22	9252	Robert L Talavera, LLC	SSGIS ArcView Support - August - September 2022	JP Morgan Chase - Primary 73...		
			Inv #RLT0922F1, SSGIS ArcView Support: Upload pipe history data, inst...	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-60.83
			Inv #RLT0922F1, SSGIS ArcView Support: Upload pipe history data, inst...	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-3.75
			Inv #RLT0922F1, SSGIS ArcView Support: Upload pipe history data, inst...	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-85.42
TOTAL						-150.00
10/13/22	9253	SERVICE TOOL	Cust #56156, M.P. Supplies - September 2022	JP Morgan Chase - Primary 73...		
			Inv #SS5347140.001 (PO#954067): M.P. Parts - September 2022	7021 · Plant Maintenance Suppli...	Belvedere	-168.69
			Inv #S5347140.004 (PO#954067): M.P. Parts - September 2022	7021 · Plant Maintenance Suppli...	Tiburon	-237.80
			Inv #S5347140.003 - Return	7021 · Plant Maintenance Suppli...	Belvedere	122.72
			Inv #S5347140.003 - Return	7021 · Plant Maintenance Suppli...	Tiburon	172.99
			Inv #S5347140.002 - Return	7021 · Plant Maintenance Suppli...	Belvedere	31.58
			Inv #S5347140.002 - Return	7021 · Plant Maintenance Suppli...	Tiburon	44.51
TOTAL						-34.69
10/13/22	9254	Telstar Instrument, Inc.	Cust #SANDI, P.C. & Belv Comm Projects - August - September 2022	JP Morgan Chase - Primary 73...		
			Inv #113950 - Troubleshooting alarms at BPS PSs w/ SCADA System - ...	9310 · BPS Communication Proj...	Belvedere	-6,086.02
			Inv #113950 - Troubleshooting alarms at PC PSs w/ SCADA System - A...	9403 · P.C. Communication Upg...	Tiburon:Paradise C...	-8,057.96
TOTAL						-14,143.98
10/13/22	9255	Roy's Sewer Service, Inc.	P&L, M.P. & PC, Tiburon & Belvedere - September 2022	JP Morgan Chase - Primary 73...		
			Inv #218951 @ M.P. - Flushed Roof-top Digester Line + snaked - 9.30.2...	7022 · Plant Maint. Parts & Servi...	Belvedere	-697.20
			Inv #218951 @ M.P. - Flushed Roof-top Digester Line + snaked - 9.30.2...	7022 · Plant Maint. Parts & Servi...	Tiburon	-982.80
			Inv #218243 @ M.P. - Snaked pump at WAS room - 9.7.2022	7022 · Plant Maint. Parts & Servi...	Belvedere	-118.28

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			Inv #218243 @ M.P. - Snaked pump at WAS room - 9.7.2022	7022 · Plant Maint. Parts & Servi...	Tiburon	-166.72
			Inv #218734, Cleared 4" line (root intrusion) at Centro West - 9.26.27	7011 · Pumps & Lines Maintena...	Tiburon	-570.00
TOTAL						-2,535.00
10/13/22	9256	USA BlueBook	Cust #933682, P.C. Supplies - September 2022	JP Morgan Chase - Primary 73...		
			Inv #100319 (PO#954236), PC Supplies - September 2022	7042 · Paradise Supplies & Che...	Tiburon:Paradise C...	-568.39
TOTAL						-568.39
10/13/22	9257	Water Components & Building ...	Acct #454, M.P. Supplies - September 2022	JP Morgan Chase - Primary 73...		
			Inv #30589886 (PO#753086), Inv #30591433 (PO#954097), M.P. Maint. ...	7021 · Plant Maintenance Suppli...	Belvedere	-232.79
			Inv #30589886 (PO#753086), Inv #30591433 (PO#954097), M.P. Maint. ...	7021 · Plant Maintenance Suppli...	Tiburon	-328.16
TOTAL						-560.95
10/13/22	9258	Nute Engineering Corp.	Consulting & Engr. Svcs - August - September 2022	JP Morgan Chase - Primary 73...		
			Inv #22228, FY22-23 Sewer Improvement Project, Belvedere (40%) - Au...	6017 · Consulting Fees	Belvedere	-377.69
			Inv #22228, FY22-23 Sewer Improvement Project, Tiburon (60%) - Augu...	6017 · Consulting Fees	Tiburon	-566.54
			Inv #22283, FY22-23 Sewer Improvement Project, Belvedere (40%), Sr. ...	6017 · Consulting Fees	Belvedere	-319.00
			Inv #22283, FY22-23 Sewer Improvement Project, Tiburon (60%), Sr. E...	6017 · Consulting Fees	Tiburon	-478.50
			Inv #22283, FY22-23 Sewer Improvement Project, Belvedere (40%), Eng...	6017 · Consulting Fees	Belvedere	-318.40
			Inv #22283, FY22-23 Sewer Improvement Project, Tiburon (60%), Engin...	6017 · Consulting Fees	Tiburon	-477.60
TOTAL						-2,537.73
10/13/22	9259	U.S. Bank	Acct#: 4246 0470 0067 9545, August - September 2022	JP Morgan Chase - Primary 73...		
			CWEA, CL - Advertising WWTP M&C - August / September 2022	6001 · Advertising	Belvedere	-154.09
			CWEA, CL - Advertising WWTP M&C - August / September 2022	6001 · Advertising	Tiburon:Paradise C...	-9.50
			CWEA, CL - Advertising WWTP M&C - August / September 2022	6001 · Advertising	Tiburon	-216.41
			Quickbooks assitance with QB Glitches - August / September 2022	6008 · Audit & Accounting	Belvedere	-30.41
			Quickbooks assitance with QB Glitches - August / September 2022	6008 · Audit & Accounting	Tiburon:Paradise C...	-1.87
			Quickbooks assitance with QB Glitches - August / September 2022	6008 · Audit & Accounting	Tiburon	-42.71
			Zoom Platform re SD5 Meetings - Meetings at SD5 - August/September ...	6018.1 · Meetings & Travel	Belvedere	-114.79
			Zoom Platform re SD5 Meetings - Meeting at PC Plant - August/Septem...	6018.1 · Meetings & Travel	Tiburon:Paradise C...	-7.08
			Zoom Platform re SD5 Meetings - Meetings at SD5 - August/September ...	6018.1 · Meetings & Travel	Tiburon	-161.21
			Travel Accomodations - WEF Conference @ New Orleans, LA - August/...	6018.1 · Meetings & Travel	Belvedere	-629.73
			Travel Accomodations - WEF Conference @ New Orleans, LA - August/...	6018.1 · Meetings & Travel	Tiburon:Paradise C...	-38.82
			Travel Accomodations - WEF Conference @ New Orleans, LA - August/...	6018.1 · Meetings & Travel	Tiburon	-884.42
			Fastrak	6025 · Dues & Subscriptions	Belvedere	-10.14
			Fastrak	6025 · Dues & Subscriptions	Tiburon:Paradise C...	-0.63
			Fastrak	6025 · Dues & Subscriptions	Tiburon	-14.23
			Office supplies/Amazon/Office Depot - August/September 2022	6047 · Office Supplies	Belvedere	-37.18
			Office supplies/Amazon/Office Depot - August/September 2022	6047 · Office Supplies	Tiburon:Paradise C...	-2.29
			Office supplies/Amazon/Office Depot - August/September 2022	6047 · Office Supplies	Tiburon	-52.22
			USPO Return-Receipt postage - August/September 2022	6056 · Postage	Belvedere	-65.46

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			USPO Return-Receipt postage - August/September 2022	6056 · Postage	Tiburon:Paradise C...	-4.04
			USPO Return-Receipt postage - August/September 2022	6056 · Postage	Tiburon	-91.95
			Returns via Amazon - TBD // N/A	6065 · Miscellaneous Expense	Belvedere	1,146.89
			Returns via Amazon - TBD // N/A	6065 · Miscellaneous Expense	Tiburon:Paradise C...	70.71
			Returns via Amazon - TBD // N/A	6065 · Miscellaneous Expense	Tiburon	1,610.74
			Plant Supplies - August/September 2022	7021 · Plant Maintenance Suppli...	Belvedere	-5.63
			Plant Supplies - August/September 2022	7021 · Plant Maintenance Suppli...	Tiburon	-7.94
			Plant Parts & Service - August/September 2022	7022 · Plant Maint. Parts & Servi...	Belvedere	-492.78
			Plant Parts & Service - August/September 2022	7022 · Plant Maint. Parts & Servi...	Tiburon	-694.63
			Recurring Amazon order re janitorial supplies - August/September 2022	7023 · Janitorial Supplies & Serv...	Belvedere	-149.62
			Recurring Amazon order re janitorial supplies - August/September 2022	7023 · Janitorial Supplies & Serv...	Tiburon	-210.91
			Lab supplies/Amazon - August/September 2022	7025 · Lab Supplies & Chemicals	Belvedere	-256.45
			Lab supplies/Amazon - August/September 2022	7025 · Lab Supplies & Chemicals	Tiburon	-361.49
			Lab supplies/Amazon @ P.C. - August/September 2022	7042 · Paradise Supplies & Che...	Tiburon:Paradise C...	-91.77
			SD5 Fleet Maintenance + window replacement (On-site) - August/Septe...	7072 · Maintenance	Belvedere	-142.57
			SD5 Fleet Maintenance + dent repairs (On-site) - August/September 2022	7072 · Maintenance	Tiburon:Paradise C...	-8.79
			SD5 Fleet Maintenance + dent repairs (On-site) - August/September 2022	7072 · Maintenance	Tiburon	-200.23
			IT set up at Lab - August / September 2022	8510 · Data/Alarms/IT Supp & Li...	Belvedere	-144.46
			IT set up at Lab - August / September 2022	8510 · Data/Alarms/IT Supp & Li...	Tiburon:Paradise C...	-8.91
			IT set up at Lab - August / September 2022	8510 · Data/Alarms/IT Supp & Li...	Tiburon	-202.88
TOTAL						-2,719.90
10/13/22	9260	Alvarez, Joel	Reimb for (3) EE Incentives - October 2022	JP Morgan Chase - Primary 73...		
			Employee Incentive/Con't Ed Stipend: Completion of CSU Clxn Sys - Me...	8005 · Employee Incentives	Belvedere	-405.50
			Employee Incentive/Con't Ed Stipend: Completion of CSU Clxn Sys - Me...	8005 · Employee Incentives	Tiburon:Paradise C...	-25.00
			Employee Incentive/Con't Ed Stipend: Completion of CSU Clxn Sys - Me...	8005 · Employee Incentives	Tiburon	-569.50
			Employee Incentive/Con't Ed Stipend: Completion of CSU Mngmnt for S...	8005 · Employee Incentives	Belvedere	-405.50
			Employee Incentive/Con't Ed Stipend: Completion of CSU Mngmnt for S...	8005 · Employee Incentives	Tiburon:Paradise C...	-25.00
			Employee Incentive/Con't Ed Stipend: Completion of CSU Mngmnt for S...	8005 · Employee Incentives	Tiburon	-569.50
			Employee Incentive/Con't Ed Stipend: Completion of CSU Utility Mngmnt...	8005 · Employee Incentives	Belvedere	-405.50
			Employee Incentive/Con't Ed Stipend: Completion of CSU Utility Mngmnt...	8005 · Employee Incentives	Tiburon:Paradise C...	-25.00
			Employee Incentive/Con't Ed Stipend: Completion of CSU Utility Mngmnt...	8005 · Employee Incentives	Tiburon	-569.50
			Reimbursement for Registration and 3 books for 3 classes at SCU - Aug...	6020 · Continuing Education	Belvedere	-91.24
			Reimbursement for Registration and 3 books for 3 classes at SCU - Aug...	6020 · Continuing Education	Tiburon:Paradise C...	-5.63
			Reimbursement for Registration and 3 books for 3 classes at SCU - Aug...	6020 · Continuing Education	Tiburon	-128.13
TOTAL						-3,225.00
10/13/22	9261	Bilsborough, Chad	Meals/Diem re S.O.S. Seminar - September 2022	JP Morgan Chase - Primary 73...		
			Meals/Diem for S.O.S. Seminar (Elk Grove) - September 2022	6018.1 · Meetings & Travel	Belvedere	-54.74
			Meals/Diem for S.O.S. Seminar (Elk Grove) - September 2022	6018.1 · Meetings & Travel	Tiburon:Paradise C...	-3.38
			Meals/Diem for S.O.S. Seminar (Elk Grove) - September 2022	6018.1 · Meetings & Travel	Tiburon	-76.88
			Lodging Reimb. for travelling to S.O.S. Seminar (Elk Grove) - September...	6018.1 · Meetings & Travel	Belvedere	-266.27
			Lodging Reimb. for travelling to S.O.S. Seminar (Elk Grove) - September...	6018.1 · Meetings & Travel	Tiburon:Paradise C...	-16.42
			Lodging Reimb. for travelling to S.O.S. Seminar (Elk Grove) - September...	6018.1 · Meetings & Travel	Tiburon	-373.96
TOTAL						-791.65

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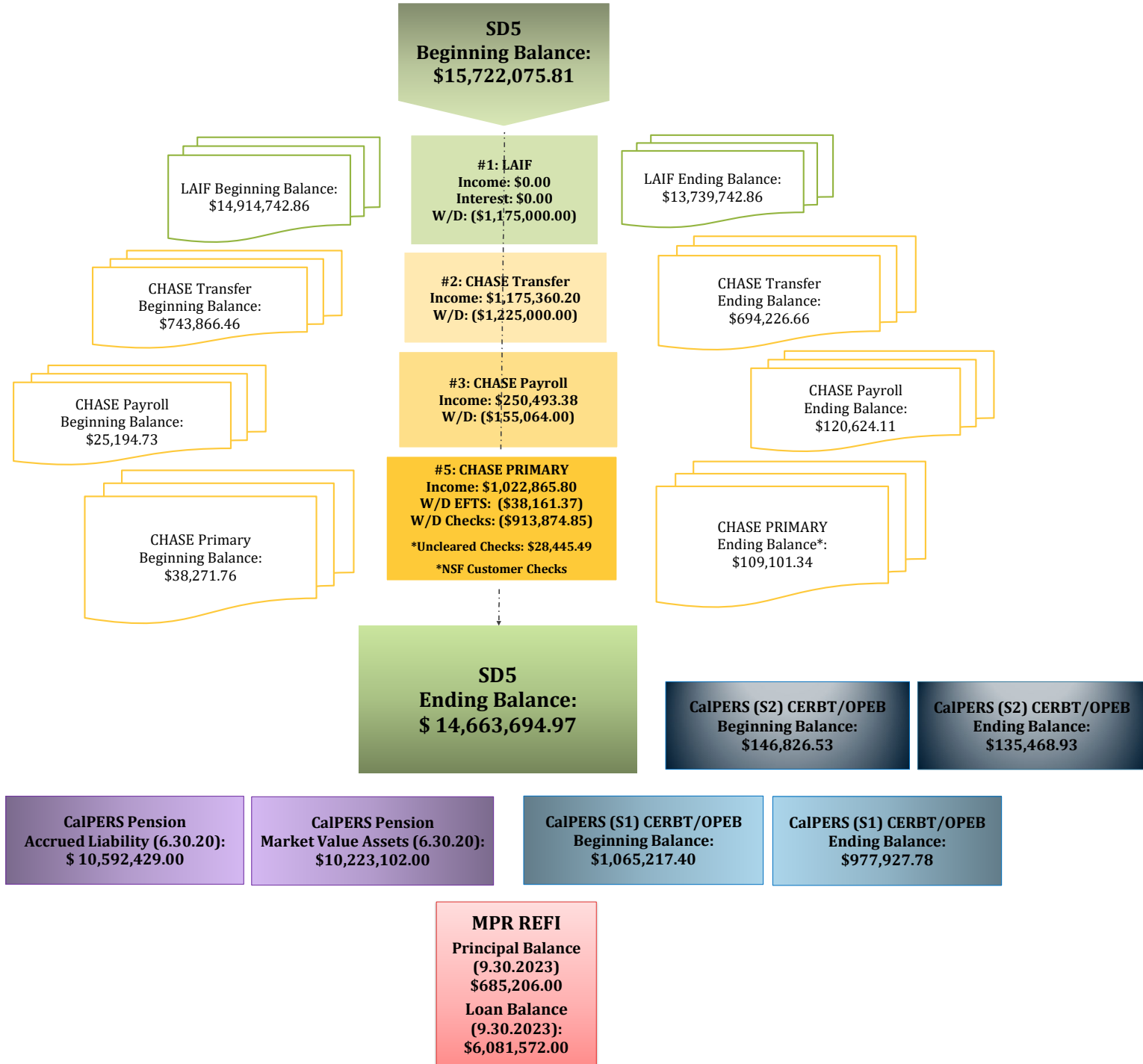
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September 8 through October 17, 2022

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Class</u>	<u>Paid Amount</u>
10/13/22	9262	Salazar, Ignacio	Reimb. for Travel/Lab Delivery - August 2022	JP Morgan Chase - Primary 73...		
			Travel Reimb. re Lab Run to BWS (Santa Rosa) - August 2022	6018.2 · Standby Mileage Expen...	Belvedere	-24.44
			Travel Reimb. re Lab Run to BWS (Santa Rosa) - August 2022	6018.2 · Standby Mileage Expen...	Tiburon:Paradise C...	-1.51
			Travel Reimb. re Lab Run to BWS (Santa Rosa) - August 2022	6018.2 · Standby Mileage Expen...	Tiburon	-34.32
TOTAL						-60.27

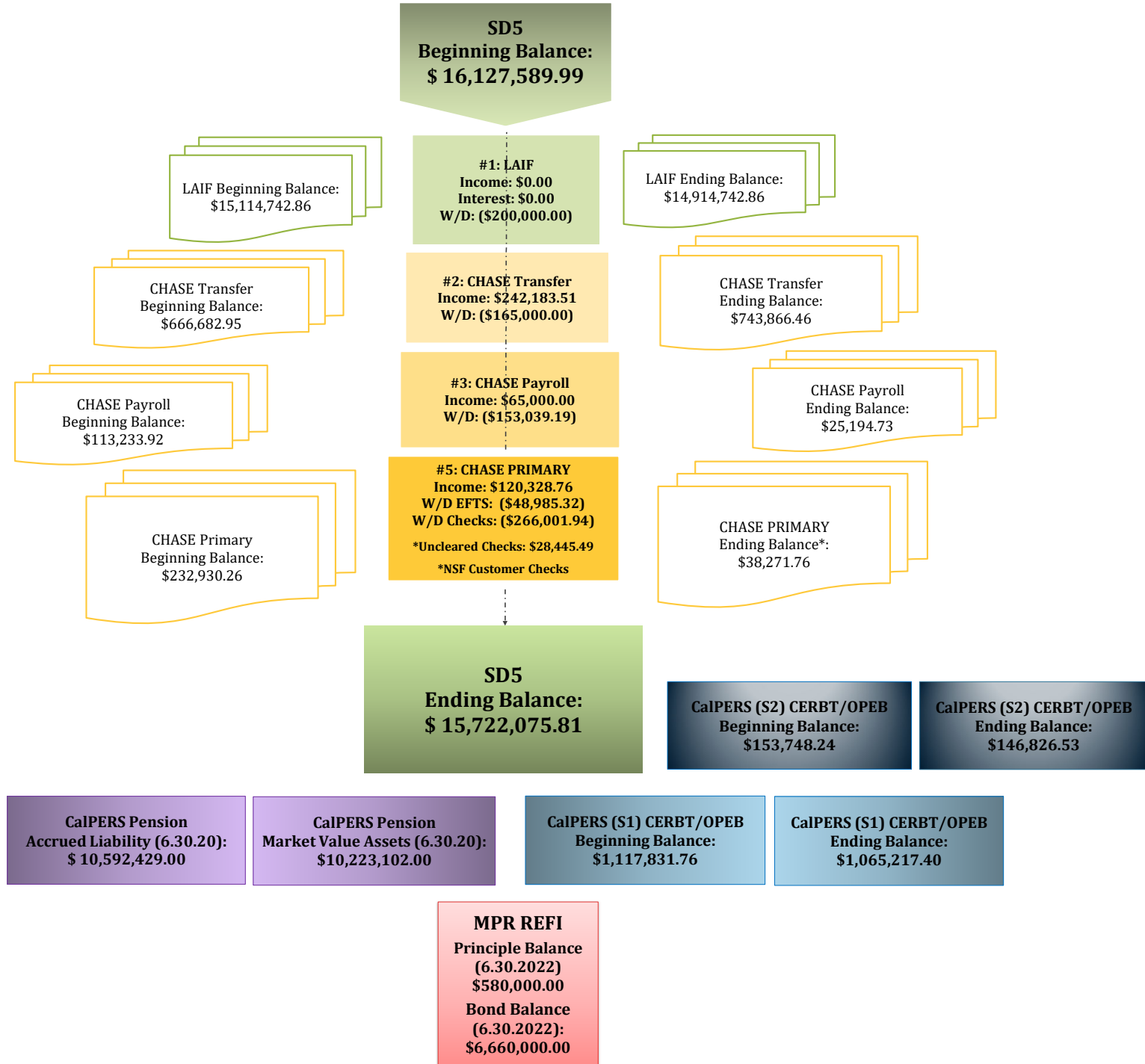
CASH FLOW CHART

SANITARY DISTRICT NO. 5 OF MARIN COUNTY: September 2022



CASH FLOW CHART

SANITARY DISTRICT NO. 5 OF MARIN COUNTY: August 2022



NOTICE OF AUTOMATIC PAYMENT



Paychex of New York LLC
 1535 Scenic Avenue Suite 100
 Costa Mesa CA 92626

Client # 0082 Y400-2116
 Invoice # 2022091301

AUTOMATIC PAYMENT \$252.55

This amount will be deducted from the following bank account at or after 12:01 A.M on 9/15/22.

XXXXXXXXXXXXXXXX506

ADDRESS SERVICE REQUESTED

0082 Y400-2116
 SANITARY DISTRICT NO 5
 2001 Paradise Dr
 Tiburon, California 94920-1937

For questions regarding your account, please call (844) 729-9247

Page 1 of 1

ACCOUNT SUMMARY				AMOUNT
Previous Balance on Invoice#2022082901 Due 08/31/22				252.55
Payment Received - Thank You				-252.55
Payment Correction				472.56
MMC Delivery Refund to Invoice# 2022081002 on 09/13/22				-33.08
MMC EE Pay Portion Base Fee Refund to Invoice# 2022081002 on 09/13/22				-10.08
MMC Payroll Trans Fee Refund to Invoice# 2022081002 on 09/13/22				-399.05
MMC Taxpay Service Refund to Invoice# 2022081002 on 09/13/22				-10.08
MMC SUI Per Employee Fee Refund to Invoice# 2022081002 on 09/13/22				-2.42
MMC Paychex Flex HR Admin Transaction Fee Refund to Invoice# 2022081002 on 09/13/22				-17.85
Balance Forward				0.00
Total New Charges				252.55
Account Balance (Includes Balance Forward, New Charges, and Pending Automatic Payments)				252.55

CHECK DATE	DESCRIPTION OF SERVICE	PROCESSING DATE	# TRANSACTIONS	AMOUNT
NEW CHARGES				
09/15/22	Paychex Productivity	09/13/22	12	327.80
	Delivery		1	16.54
	Client Discount		1	-91.79
	Total New Charges			252.55
Automatic Payment (Includes New Charges and applicable credits from Balance Forward above)				252.55

ok
✓

Thank you for choosing Paychex.

CASH REQUIREMENTS

CASH REQUIRED FOR NEGOTIABLE CHECKS &/OR ELECTRONIC FUNDS TRANSFERS (EFT) FOR CHECK DATE 09/15/22: \$67,357.56

IMPORTANT COVID-19 INFORMATION: If you filed IRS Form 7200, please notify your Paychex representative to avoid owing a balance at the end of the quarter and ensure your Form 941 is accurate.

TRANSACTION SUMMARY

SUMMARY BY TRANSACTION TYPE -	TOTAL ELECTRONIC FUNDS TRANSFER (EFT)	67,357.56
	CASH REQUIRED FOR NEGOTIABLE CHECKS &/OR EFT	67,357.56
	TOTAL REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES	4,886.94
	CASH REQUIRED FOR CHECK DATE 09/15/22	<u>72,244.50</u>

TRANSACTION DETAIL

ELECTRONIC FUNDS TRANSFER - Your financial institution will initiate transfer to Paychex at or after 12:01 A.M. on transaction date.

<u>TRANS. DATE</u>	<u>BANK NAME</u>	<u>ACCOUNT NUMBER</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>		BANK DRAFT AMOUNTS & OTHER TOTALS
09/14/22	JPMORGAN CHASE BANK,	xxxxxxxxxxxxx506	Direct Deposit	Net Pay Allocations	43,095.64	43,095.64
EFT FOR 09/14/22						43,095.64
09/15/22	JPMORGAN CHASE BANK,	xxxxxxxxxxxxx506	Taxpay®	Employee Withholdings		
				Social Security	3,047.60	
				Medicare	985.80	
				Fed Income Tax	11,437.56	
				CA Income Tax	4,678.97	
				Total Withholdings	<u>20,149.93</u>	
				Employer Liabilities		
				Social Security	3,047.58	
				Medicare	985.79	
				Fed Unemploy	4.23	
				CA Disability	42.00	
				CA Unemploy	31.69	
				CA Emp Train	0.70	
				Total Liabilities	<u>4,111.99</u>	24,261.92
EFT FOR 09/15/22						24,261.92
TOTAL EFT						67,357.56

REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES - Paychex does not remit these funds. You must ensure accurate and timely payment of applicable items.

<u>TRANS. DATE</u>	<u>BANK NAME</u>	<u>ACCOUNT NUMBER</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>		<u>TOTAL</u>
09/15/22	Refer to your records for account	Information	Payroll	Employee Deductions		
				401A Member Contribu	3,180.80	
				Calpers 457B	300.00	
				Calpers 457B Roth	1,260.00	

NOTICE OF AUTOMATIC PAYMENT



Paychex of New York LLC
 1535 Scenic Avenue Suite 100
 Costa Mesa CA 92626

Client # 0082 Y400-2116
 Invoice # 2022092701

AUTOMATIC PAYMENT \$252.55

This amount will be deducted from the following bank account at or after 12:01 A.M on 9/30/22.

XXXXXXXXXXXXXXXX506

ADDRESS SERVICE REQUESTED

0082 Y400-2116
 SANITARY DISTRICT NO 5
 2001 Paradise Dr
 Tiburon, California 94920-1937

For questions regarding your account, please call (844) 729-9247

Page 1 of 1

ACCOUNT SUMMARY				AMOUNT
Previous Balance on Invoice#2022091301 Due 09/15/22				252.55
Payment Received - Thank You				-252.55
Balance Forward				0.00
Total New Charges				252.55
Account Balance (Includes Balance Forward, New Charges, and Pending Automatic Payments)				252.55

CHECK DATE	DESCRIPTION OF SERVICE	PROCESSING DATE	# TRANSACTIONS	AMOUNT
NEW CHARGES				
09/30/22	Paychex Productivity	09/27/22	12	327.80
	Delivery		1	16.54
	Client Discount		1	-91.79
	Total New Charges			252.55
	Automatic Payment (Includes New Charges and applicable credits from Balance Forward above)			252.55

Handwritten initials/signature

Thank you for choosing Paychex.

CASH REQUIREMENTS

CASH REQUIRED FOR NEGOTIABLE CHECKS &/OR ELECTRONIC FUNDS TRANSFERS (EFT) FOR CHECK DATE 09/30/22: \$68,953.80

IMPORTANT COVID-19 INFORMATION: If you filed IRS Form 7200, please notify your Paychex representative to avoid owing a balance at the end of the quarter and ensure your Form 941 is accurate.

TRANSACTION SUMMARY

SUMMARY BY TRANSACTION TYPE -	TOTAL ELECTRONIC FUNDS TRANSFER (EFT)	68,953.80
	CASH REQUIRED FOR NEGOTIABLE CHECKS &/OR EFT	68,953.80
	TOTAL REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES	4,436.94
	CASH REQUIRED FOR CHECK DATE 09/30/22	73,390.74

TRANSACTION DETAIL

ELECTRONIC FUNDS TRANSFER - Your financial institution will initiate transfer to Paychex at or after 12:01 A.M. on transaction date.

<u>TRANS. DATE</u>	<u>BANK NAME</u>	<u>ACCOUNT NUMBER</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>	<u>BANK DRAFT AMOUNTS & OTHER TOTALS</u>
09/29/22	JPMORGAN CHASE BANK,	xxxxxxxxxxxxx506	Direct Deposit	Net Pay Allocations	44,298.06
				EFT FOR 09/29/22	44,298.06
09/30/22	JPMORGAN CHASE BANK,	xxxxxxxxxxxxx506	Taxpay®	Employee Withholdings	
				Social Security	2,830.06
				Medicare	1,004.80
				Fed Income Tax	12,091.37
				CA Income Tax	4,780.54
				Total Withholdings	20,706.77
				Employer Liabilities	
				Social Security	2,830.08
				Medicare	1,004.78
				Fed Unemploy	7.61
				CA Disability	48.19
				CA Unemploy	57.04
				CA Emp Train	1.27
				Total Liabilities	3,948.97
				EFT FOR 09/30/22	24,655.74
				TOTAL EFT	68,953.80

REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES - Paychex does not remit these funds. You must ensure accurate and timely payment of applicable items.

<u>TRANS. DATE</u>	<u>BANK NAME</u>	<u>ACCOUNT NUMBER</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>	<u>TOTAL</u>
09/30/22	Refer to your records for account	Information	Payroll	Employee Deductions	
				401A Member Contribu	3,180.80
				Calpers 457B	300.00
				Calpers 457B Roth	810.00

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**Sanitary Distr. No.5 of Marin Co.
Comparative Balance Sheet
As of September 30, 2022**

	<u>Sep 30, 22</u>	<u>Aug 31, 22</u>	<u>\$ Change</u>
ASSETS			
Current Assets			
Checking/Savings			
JP Morgan Chase - Payroll 7506	120,174.11	24,744.73	95,429.38
JP Morgan Chase - Primary 7399	102,979.39	10,276.27	92,703.12
JP Morgan Chase - Transfer 7522	694,226.66	743,866.46	-49,639.80
Local Agency Investment Fund			
Belvedere			
Belvedere Capital & CIP Reserve	2,902,841.46	2,902,841.46	0.00
Belvedere Disaster Recovery Fnd	356,250.00	356,250.00	0.00
Belvedere Operating	3,000,562.21	3,000,562.21	0.00
Belvedere Operating Reserve	516,923.05	516,923.05	0.00
Belvedere PERS Retirement Trust	356,250.00	356,250.00	0.00
Total Belvedere	<u>7,132,826.72</u>	<u>7,132,826.72</u>	<u>0.00</u>
Tiburon			
Tiburon Capital & CIP Reserve	4,637,345.49	4,637,345.49	0.00
Tiburon Disaster Recovery Fund	643,750.00	643,750.00	0.00
Tiburon Operating	198,140.65	1,373,140.65	-1,175,000.00
Tiburon Operating Reserve	483,930.00	483,930.00	0.00
Tiburon PERS Retirement Trust	643,750.00	643,750.00	0.00
Total Tiburon	<u>6,606,916.14</u>	<u>7,781,916.14</u>	<u>-1,175,000.00</u>
Total Local Agency Investment Fund	<u>13,739,742.86</u>	<u>14,914,742.86</u>	<u>-1,175,000.00</u>
Total Checking/Savings	<u>14,657,123.02</u>	<u>15,693,630.32</u>	<u>-1,036,507.30</u>
Accounts Receivable			
Accounts Receivable	59,257.96	19,138.76	40,119.20
Total Accounts Receivable	<u>59,257.96</u>	<u>19,138.76</u>	<u>40,119.20</u>
Other Current Assets			
Petty Cash	881.92	881.92	0.00
Total Other Current Assets	<u>881.92</u>	<u>881.92</u>	<u>0.00</u>
Total Current Assets	<u>14,717,262.90</u>	<u>15,713,651.00</u>	<u>-996,388.10</u>
Fixed Assets	<u>19,118,200.30</u>	<u>19,118,200.30</u>	<u>0.00</u>
TOTAL ASSETS	<u>33,835,463.20</u>	<u>34,831,851.30</u>	<u>-996,388.10</u>
LIABILITIES & EQUITY			
Liabilities			
Current Liabilities			
Accounts Payable			
2000 · Accounts Payable	-1,236.08	-1,236.08	0.00
Total Accounts Payable	<u>-1,236.08</u>	<u>-1,236.08</u>	<u>0.00</u>

Sanitary Distr. No.5 of Marin Co.
Comparative Balance Sheet
As of September 30, 2022

	<u>Sep 30, 22</u>	<u>Aug 31, 22</u>	<u>\$ Change</u>
Other Current Liabilities			
Compensated Absences Current	186,051.95	186,051.95	0.00
MPR Rev Bond Interest Payable	41,292.00	41,292.00	0.00
MPR Rev Bonds Payable Current	595,000.00	595,000.00	0.00
Total Other Current Liabilities	<u>822,343.95</u>	<u>822,343.95</u>	<u>0.00</u>
Total Current Liabilities	821,107.87	821,107.87	0.00
Long Term Liabilities			
MPR Revenue Bonds Payable	6,065,000.00	6,065,000.00	0.00
Pension-related Liabilities	-375,847.00	-375,847.00	0.00
2061 · OPEB Related Liability	691,796.00	691,796.00	0.00
2960 · Deferred Debt Refinancing Costs	107,411.20	107,411.20	0.00
Total Long Term Liabilities	<u>6,488,360.20</u>	<u>6,488,360.20</u>	<u>0.00</u>
Total Liabilities	7,309,468.07	7,309,468.07	0.00
Equity	<u>26,525,995.13</u>	<u>27,522,383.23</u>	<u>-996,388.10</u>
TOTAL LIABILITIES & EQUITY	<u>33,835,463.20</u>	<u>34,831,851.30</u>	<u>-996,388.10</u>

Sanitary Distr. No.5 of Marin Co.
Annual Budget vs Actual Expenses
July through September 2022

	Jul - Sep 22	Budget	\$ Over Budget	% of Bu...
Ordinary Income/Expense				
Income				
5000 · Property Taxes				
5001.2 · TEETER	0.00	875,000.00	-875,000.00	0.0%
5002 · UNSEC	0.00	16,000.00	-16,000.00	0.0%
5003 · PUNS / PRIOR UNSECURED	0.00	300.00	-300.00	0.0%
5004 · REDEMPTION / RDMPT	492.22	0.00	492.22	100.0%
5006 · SPLU	0.00	500.00	-500.00	0.0%
5041 · SUPSEC	0.00	15,000.00	-15,000.00	0.0%
5043 · SECU	0.00	0.00	0.00	0.0%
5046 · Excess ERAF	0.00	525,666.00	-525,666.00	0.0%
5280 · HOPTR	0.00	3,333.00	-3,333.00	0.0%
5483 · Other tax	0.00	0.00	0.00	0.0%
Total 5000 · Property Taxes	492.22	1,435,799.00	-1,435,306.78	0.0%
5007 · Sewer Service Charge				
5007.1 · Sewer Service - Tiburon Ops	40,119.20	2,368,000.00	-2,327,880.80	1.7%
5007.2 · Sewer Service-Belv Ops	8,511.21	1,570,581.00	-1,562,069.79	0.5%
5007.3 · Sewer Service-Belv Cap	5,295.82	605,719.00	-600,423.18	0.9%
5007.4 · Other User Fees	0.00	38,700.00	-38,700.00	0.0%
5007.5 · Sewer Service - Tiburon Cap	16,748.13	0.00	16,748.13	100.0%
Total 5007 · Sewer Service Charge	70,674.36	4,583,000.00	-4,512,325.64	1.5%
5201 · Interest				
5201.1 · Interest County of Marin	18.13	0.00	18.13	100.0%
5201.2 · Interest LAIF	0.00	100,000.00	-100,000.00	0.0%
Total 5201 · Interest	18.13	100,000.00	-99,981.87	0.0%
5900.10 · Paradise Sewer Line Ext. Fees	0.00	14,040.00	-14,040.00	0.0%
5900.3 · Connection Fees				
5900.30 · Connection Permit Fees	6,050.00	10,000.00	-3,950.00	60.5%
5900.31 · Collection	99,465.20	125,000.00	-25,534.80	79.6%
5900.34 · Treatment	120,850.80	125,000.00	-4,149.20	96.7%
Total 5900.3 · Connection Fees	226,366.00	260,000.00	-33,634.00	87.1%
5900.4 · Inspection Permit Fees	3,500.00	10,000.00	-6,500.00	35.0%
5900.5 · SASM Expense Reimb.	15,450.76	100,000.00	-84,549.24	15.5%
5900.9 · Other Income	0.00	100.00	-100.00	0.0%
Total Income	316,501.47	6,502,939.00	-6,186,437.53	4.9%
Gross Profit	316,501.47	6,502,939.00	-6,186,437.53	4.9%
Expense				
6000 · Administrative Expenses				
6001 · Advertising	0.00	1,000.00	-1,000.00	0.0%
6002 · Outreach & Newsletter	20.00	1,000.00	-980.00	2.0%
6008 · Audit & Accounting	0.00	40,000.00	-40,000.00	0.0%
6017 · Consulting Fees	2,728.56	100,000.00	-97,271.44	2.7%
6018 · Travel & Meetings				
6018.1 · Meetings & Travel	2,070.01	7,000.00	-4,929.99	29.6%
6018.2 · Standby Mileage Expense Reimb	208.69	10,000.00	-9,791.31	2.1%
Total 6018 · Travel & Meetings	2,278.70	17,000.00	-14,721.30	13.4%
6020 · Continuing Education	1,024.49	10,000.00	-8,975.51	10.2%
6021 · County Fees	3,606.20	16,590.00	-12,983.80	21.7%
6024 · Director Fees	0.00	9,000.00	-9,000.00	0.0%
6025 · Dues & Subscriptions	10,972.14	31,000.00	-20,027.86	35.4%
6026 · Elections	0.00	9,000.00	-9,000.00	0.0%
6033 · Insurance Property & Liability				
6033.1 · PLP Public Entity Phys Damage	45,558.14	45,000.00	558.14	101.2%
6033.2 · General Liability	0.00	58,000.00	-58,000.00	0.0%
6033.3 · Physical Property Damage - Auto	4,298.00	8,000.00	-3,702.00	53.7%
Total 6033 · Insurance Property & Liability	49,856.14	111,000.00	-61,143.86	44.9%

Sanitary Distr. No.5 of Marin Co.
Annual Budget vs Actual Expenses
July through September 2022

	<u>Jul - Sep 22</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Bu...</u>
6039 · Legal	1,147.50	50,000.00	-48,852.50	2.3%
6047 · Office Supplies	1,237.38	10,000.00	-8,762.62	12.4%
6056 · Postage	186.73	1,200.00	-1,013.27	15.6%
6059 · Pollution Prevention/Public Edu	9,107.68	5,000.00	4,107.68	182.2%
6065 · Miscellaneous Expense	0.00	0.00	0.00	0.0%
Total 6000 · Administrative Expenses	82,165.52	411,790.00	-329,624.48	20.0%
7000 · Ops & Maintenance Expenses				
7010 · Pumps & Lines Maintenance				
7011 · Pumps & Lines Maintenance	26,246.96	100,000.00	-73,753.04	26.2%
7013 · Emergency Line Repair	10,200.00	50,000.00	-39,800.00	20.4%
Total 7010 · Pumps & Lines Maintenance	36,446.96	150,000.00	-113,553.04	24.3%
7020 · Main Plant Maintenance				
7021 · Plant Maintenance Supplies	22,736.92	27,000.00	-4,263.08	84.2%
7022 · Plant Maint. Parts & Service	73,617.43	150,000.00	-76,382.57	49.1%
7023 · Janitorial Supplies & Service	1,667.26	9,000.00	-7,332.74	18.5%
7024 · Main Plant Chemicals	17,891.72	120,000.00	-102,108.28	14.9%
7025 · Lab Supplies & Chemicals	6,151.98	21,000.00	-14,848.02	29.3%
7027 · Electrical & Instrument	2,503.37	15,000.00	-12,496.63	16.7%
7028 · Grounds Maintenance	0.00	5,000.00	-5,000.00	0.0%
7029 · Main Plant Sludge Disposal	5,740.31	50,000.00	-44,259.69	11.5%
7030 · Main Plant Outfall	0.00	0.00	0.00	0.0%
Total 7020 · Main Plant Maintenance	130,308.99	397,000.00	-266,691.01	32.8%
7040 · Paradise Cove Plant Maint				
7041 · Paradise Parts & Service	11,456.80	15,000.00	-3,543.20	76.4%
7042 · Paradise Supplies & Chemicals	202.65	6,500.00	-6,297.35	3.1%
7043 · Paradise Sludge Disposal	4,220.00	3,000.00	1,220.00	140.7%
Total 7040 · Paradise Cove Plant Maint	15,879.45	24,500.00	-8,620.55	64.8%
7050 · Monitoring				
7051 · Main Plant Lab Monitoring	5,188.70	45,000.00	-39,811.30	11.5%
7052 · Paradise Cove Monitoring	1,502.50	12,500.00	-10,997.50	12.0%
7053 · Chronic Toxicity	0.00	0.00	0.00	0.0%
Total 7050 · Monitoring	6,691.20	57,500.00	-50,808.80	11.6%
7060 · Permits/Fees				
7061 · Main Plant NPDES Renewal	0.00	40,000.00	-40,000.00	0.0%
7062 · Permits/Fees - General	15,618.32	50,000.00	-34,381.68	31.2%
7063 · Paradise Cove Permits/Fees	42.53	9,000.00	-8,957.47	0.5%
Total 7060 · Permits/Fees	15,660.85	99,000.00	-83,339.15	15.8%
7070 · Truck Maintenance				
7071 · Fuel	94.00	15,000.00	-14,906.00	0.6%
7072 · Maintenance	3,667.77	20,000.00	-16,332.23	18.3%
Total 7070 · Truck Maintenance	3,761.77	35,000.00	-31,238.23	10.7%
Total 7000 · Ops & Maintenance Expenses	208,749.22	763,000.00	-554,250.78	27.4%
8000 · Salaries and Benefits Expenses				
8001 · Salaries	340,697.69	1,504,000.00	-1,163,302.31	22.7%
8003 · Overtime	51,992.72	125,000.00	-73,007.28	41.6%
8004 · Standby Pay	22,043.60	80,000.00	-57,956.40	27.6%
8005 · Employee Incentives	6,000.00	60,000.00	-54,000.00	10.0%
8006 · Vacation Buyout	31,542.45	65,000.00	-33,457.55	48.5%
8013 · Payroll Taxes	25,841.50	162,665.00	-136,823.50	15.9%
8015 · Payroll/Bank Fees	2,277.82	101,047.00	-98,769.18	2.3%
8016 · Car Allowance	6,000.00	6,000.00	0.00	100.0%
8019 · PERS Retirement				
8019.05 · PERS Retirement	38,959.70	262,992.00	-224,032.30	14.8%
8019.06 · PERS Retirement - RBP	0.00	350.00	-350.00	0.0%
8019.08 · PERS Retirement - CalPERS UAL	9,503.04	0.00	9,503.04	100.0%
8019.10 · PERS Retirement Trust	0.00	0.00	0.00	0.0%
8019 · PERS Retirement - Other	0.00			
Total 8019 · PERS Retirement	48,462.74	263,342.00	-214,879.26	18.4%

Sanitary Distr. No.5 of Marin Co. Annual Budget vs Actual Expenses July through September 2022

	Jul - Sep 22	Budget	\$ Over Budget	% of Bu...
8020 · Employee Health				
8020.05 · Employee Health	70,009.52	319,272.00	-249,262.48	21.9%
8021 · Employee Health Deductions	-827.14	0.00	-827.14	100.0%
Total 8020 · Employee Health	69,182.38	319,272.00	-250,089.62	21.7%
8022 · Retiree Health				
8022.05 · Reitree Health	53,705.04	91,592.00	-37,886.96	58.6%
8022.06 · OPEB Adjustment	0.00	0.00	0.00	0.0%
8022.10 · CERBT/OPEB Annual Arc Contribtn	0.00	118,400.00	-118,400.00	0.0%
Total 8022 · Retiree Health	53,705.04	209,992.00	-156,286.96	25.6%
8023 · Workers Comp Insurance	22,388.99	57,275.00	-34,886.01	39.1%
Total 8000 · Salaries and Benefits Expenses	680,134.93	2,953,593.00	-2,273,458.07	23.0%
8500 · Other Operating Expenses				
8510 · Data/Alarms/IT Supp & Licensing	28,687.92	80,000.00	-51,312.08	35.9%
8515 · Safety	8,485.63	60,000.00	-51,514.37	14.1%
8520 · Personal Protection/Safety Wear	1,173.31	15,000.00	-13,826.69	7.8%
8530 · Telephone				
8531 · Main Plant Telephones	1,186.88	11,000.00	-9,813.12	10.8%
8532 · Paradise Cove Telephones	1,090.63	500.00	590.63	218.1%
8533 · Pumps & Lines Telephones	784.55	7,000.00	-6,215.45	11.2%
Total 8530 · Telephone	3,062.06	18,500.00	-15,437.94	16.6%
8540 · Utilities				
8541 · Water	1,636.63	8,000.00	-6,363.37	20.5%
8542 · Main Plant Utilities	33,004.20	220,000.00	-186,995.80	15.0%
8543 · Paradise Cove Utilities	4,439.37	20,000.00	-15,560.63	22.2%
8544 · Pump Station Utilities	8,704.38	45,000.00	-36,295.62	19.3%
Total 8540 · Utilities	47,784.58	293,000.00	-245,215.42	16.3%
Total 8500 · Other Operating Expenses	89,193.50	466,500.00	-377,306.50	19.1%
Total Expense	1,060,243.17	4,594,883.00	-3,534,639.83	23.1%
Net Ordinary Income	-743,741.70	1,908,056.00	-2,651,797.70	-39.0%
Other Income/Expense				
Other Expense				
9100 · Capital Expenditures				
9200 · Main Plant Equipment Capital				
9202 · M.P. Drainage				
9202.1 · Infl Smple Rm+Secondary Drains	0.00	75,000.00	-75,000.00	0.0%
9202.2 · Load-out & Filtering	0.00	30,000.00	-30,000.00	0.0%
Total 9202 · M.P. Drainage	0.00	105,000.00	-105,000.00	0.0%
9203 · M.P. Flare Rehabilitation	0.00	0.00	0.00	0.0%
9204 · M.P. Boiler Replacement				
9204.1 · M.P. Boiler Exhaust Piping	0.00	30,000.00	-30,000.00	0.0%
9204 · M.P. Boiler Replacement - Other	0.00	0.00	0.00	0.0%
Total 9204 · M.P. Boiler Replacement	0.00	30,000.00	-30,000.00	0.0%
9206 · Infl Dry Weather Pump Rplcmnt	0.00	40,000.00	-40,000.00	0.0%
9208 · M.P. Chem Feed Trx Pump Rplcmnt	0.00	20,000.00	-20,000.00	0.0%
9209 · ScrewPress PolyBlend Redundancy	0.00	35,000.00	-35,000.00	0.0%
9212 · M.P. Headworks Grinder Rplcmnt				
9212.1 · Explosion Proof Electric Hoist	0.00	0.00	0.00	0.0%
9212 · M.P. Headworks Grinder Rplcmnt - Other	0.00	25,000.00	-25,000.00	0.0%
Total 9212 · M.P. Headworks Grinder Rplcmnt	0.00	25,000.00	-25,000.00	0.0%
9217 · SD5 Shop Rplcmnt /Ops Control	0.00	0.00	0.00	0.0%
9218 · Generator Control Panel	0.00	0.00	0.00	0.0%
9219 · C12 Flash Mixer	0.00	15,000.00	-15,000.00	0.0%
9225.94 · Bus. Server Upgrade & Rplcmnt	0.00	100,000.00	-100,000.00	0.0%
9229.8 · Vehicle Replacement	0.00	75,000.00	-75,000.00	0.0%
Total 9200 · Main Plant Equipment Capital	0.00	445,000.00	-445,000.00	0.0%

Sanitary Distr. No.5 of Marin Co.
Annual Budget vs Actual Expenses
July through September 2022

	Jul - Sep 22	Budget	\$ Over Budget	% of Bu...
9300 · Pumps & Lines Capital				
9227.8 · Rodder/Vactor Truck	9,758.70	0.00	9,758.70	100.0%
9301 · Tiburon Sewer Line Rehab Prog	0.00	1,000,000.00	-1,000,000.00	0.0%
9302 · PS Control Panel Upgrades	0.00	0.00	0.00	0.0%
9304 · Belvedere Sewer Line Rehab Prog	0.00	100,000.00	-100,000.00	0.0%
9305 · Valve/Wet Well Replacements				
9305.1 · Belvedere Wet Well Rehab	0.00	75,000.00	-75,000.00	0.0%
9305.2 · Tiburon Wet Well Rehab	0.00	50,000.00	-50,000.00	0.0%
Total 9305 · Valve/Wet Well Replacements	0.00	125,000.00	-125,000.00	0.0%
9306 · PS Pump & Valve Replacements	2,669.21	50,000.00	-47,330.79	5.3%
9307 · PS Generator Replacement	0.00	100,000.00	-100,000.00	0.0%
9309 · BPS #1 Generator Replcmnt	0.00	500,000.00	-500,000.00	0.0%
9310 · BPS Communication Project	0.00	0.00	0.00	0.0%
9313 · Manholes/Rodholes	5,000.00	75,000.00	-70,000.00	6.7%
9314 · Portable Emergency Generators	0.00	0.00	0.00	0.0%
9315 · TPS Communication Project	0.00	0.00	0.00	0.0%
Total 9300 · Pumps & Lines Capital	17,427.91	1,950,000.00	-1,932,572.09	0.9%
9400 · Paradise Cove Capital				
9403 · P.C. Communication Upgrades				
9403.1 · Cellular	185.00	0.00	185.00	100.0%
Total 9403 · P.C. Communication Upgrades	185.00	0.00	185.00	100.0%
9406 · P.C. Plant Grit Removal	0.00	50,000.00	-50,000.00	0.0%
Total 9400 · Paradise Cove Capital	185.00	50,000.00	-49,815.00	0.4%
9500 · Undesignated Capital				
9510 · Undesignated Cap - M.P.	-8,582.00	25,000.00	-33,582.00	-34.3%
9520 · Undesignated Cap - P.C. Plant	0.00	0.00	0.00	0.0%
9530 · Undesignated Cap - P & L	0.00	50,000.00	-50,000.00	0.0%
Total 9500 · Undesignated Capital	-8,582.00	75,000.00	-83,582.00	-11.4%
Total 9100 · Capital Expenditures	9,030.91	2,520,000.00	-2,510,969.09	0.4%
9700 · Debt Service				
9701 · MPR Bond REFI - Principal	595,000.00	610,000.00	-15,000.00	97.5%
9702 · MPR Bond REFI - Interest	82,584.00	150,412.00	-67,828.00	54.9%
9703 · MPR Bond Refi - Admin Fees	0.00	0.00	0.00	0.0%
Total 9700 · Debt Service	677,584.00	760,412.00	-82,828.00	89.1%
Total Other Expense	686,614.91	3,280,412.00	-2,593,797.09	20.9%
Net Other Income	-686,614.91	-3,280,412.00	2,593,797.09	20.9%
Net Income	-1,430,356.61	-1,372,356.00	-58,000.61	104.2%

Sanitary Distr. No.5 of Marin Co.
Zone Report
September 2022

	Paradise C... (Tiburon)	Tiburon - Oth... (Tiburon)	Total Tiburon	Belvedere	TOTAL
Ordinary Income/Expense					
Income					
5000 · Property Taxes					
5004 · REDEMPTION / RDMPT	15.38	344.82	360.20	0.00	360.20
Total 5000 · Property Taxes	15.38	344.82	360.20	0.00	360.20
5007 · Sewer Service Charge					
5007.1 · Sewer Service - Tiburon Ops	0.00	40,119.20	40,119.20	0.00	40,119.20
Total 5007 · Sewer Service Charge	0.00	40,119.20	40,119.20	0.00	40,119.20
5900.3 · Connection Fees					
5900.30 · Connection Permit Fees	100.00	600.00	700.00	500.00	1,200.00
5900.31 · Collection	0.00	7,740.00	7,740.00	8,173.00	15,913.00
5900.34 · Treatment	4,340.00	10,700.00	15,040.00	5,885.00	20,925.00
Total 5900.3 · Connection Fees	4,440.00	19,040.00	23,480.00	14,558.00	38,038.00
5900.4 · Inspection Permit Fees	0.00	400.00	400.00	500.00	900.00
Total Income	4,455.38	59,904.02	64,359.40	15,058.00	79,417.40
Gross Profit	4,455.38	59,904.02	64,359.40	15,058.00	79,417.40
Expense					
6000 · Administrative Expenses					
6001 · Advertising	0.00	0.00	0.00	0.00	0.00
6008 · Audit & Accounting	0.00	0.00	0.00	0.00	0.00
6017 · Consulting Fees	0.00	1,584.47	1,584.47	1,056.31	2,640.78
6018 · Travel & Meetings					
6018.1 · Meetings & Travel	64.50	867.08	931.58	616.72	1,548.30
6018.2 · Standby Mileage Expense Reimb	0.00	111.17	111.17	42.53	153.70
Total 6018 · Travel & Meetings	64.50	978.25	1,042.75	659.25	1,702.00
6020 · Continuing Education	18.57	423.10	441.67	301.26	742.93
6025 · Dues & Subscriptions	13.23	301.26	314.49	214.51	529.00
6039 · Legal	28.69	653.50	682.19	465.31	1,147.50
6047 · Office Supplies	10.00	227.76	237.76	162.18	399.94
6056 · Postage	4.50	102.51	107.01	72.99	180.00
6065 · Miscellaneous Expense	0.00	0.00	0.00	0.00	0.00
Total 6000 · Administrative Expenses	139.49	4,270.85	4,410.34	2,931.81	7,342.15
7000 · Ops & Maintenance Expenses					
7010 · Pumps & Lines Maintenance					
7011 · Pumps & Lines Maintenance	614.75	14,760.15	15,374.90	4,715.48	20,090.38
7013 · Emergency Line Repair	0.00	8,200.00	8,200.00	0.00	8,200.00
Total 7010 · Pumps & Lines Maintenance	614.75	22,960.15	23,574.90	4,715.48	28,290.38
7020 · Main Plant Maintenance					
7021 · Plant Maintenance Supplies	117.50	-2,303.11	-2,185.61	-700.21	-2,885.82
7022 · Plant Maint. Parts & Service	0.00	22,363.29	22,363.29	15,438.94	37,802.23
7023 · Janitorial Supplies & Service	0.00	345.93	345.93	245.62	591.55
7024 · Main Plant Chemicals	0.00	7,062.41	7,062.41	5,028.64	12,091.05
7025 · Lab Supplies & Chemicals	192.70	2,706.22	2,898.92	1,919.78	4,818.70
7027 · Electrical & Instrument	0.00	0.00	0.00	0.00	0.00
7028 · Grounds Maintenance	0.00	0.00	0.00	0.00	0.00
7029 · Main Plant Sludge Disposal	0.00	1,446.73	1,446.73	1,026.31	2,473.04
Total 7020 · Main Plant Maintenance	310.20	31,621.47	31,931.67	22,959.08	54,890.75
7040 · Paradise Cove Plant Maint					
7041 · Paradise Parts & Service	11,685.79	87.40	11,773.19	0.00	11,773.19
7042 · Paradise Supplies & Chemicals	120.77	0.00	120.77	0.00	120.77
7043 · Paradise Sludge Disposal	1,040.00	0.00	1,040.00	0.00	1,040.00
Total 7040 · Paradise Cove Plant Maint	12,846.56	87.40	12,933.96	0.00	12,933.96

Sanitary Distr. No.5 of Marin Co.
Zone Report
September 2022

	Paradise C... (Tiburon)	Tiburon - Oth... (Tiburon)	Total Tiburon	Belvedere	TOTAL
7050 · Monitoring					
7051 · Main Plant Lab Monitoring	0.00	3,026.58	3,026.58	2,011.12	5,037.70
7052 · Paradise Cove Monitoring	201.00	0.00	201.00	0.00	201.00
Total 7050 · Monitoring	201.00	3,026.58	3,227.58	2,011.12	5,238.70
7070 · Truck Maintenance					
7071 · Fuel	2.35	53.53	55.88	38.12	94.00
7072 · Maintenance	70.42	1,752.25	1,822.67	1,247.26	3,069.93
Total 7070 · Truck Maintenance	72.77	1,805.78	1,878.55	1,285.38	3,163.93
Total 7000 · Ops & Maintenance Expenses	14,045.28	59,501.38	73,546.66	30,971.06	104,517.72
8000 · Salaries and Benefits Expenses					
8001 · Salaries	2,529.00	65,908.88	68,437.88	41,020.38	109,458.26
8003 · Overtime	406.04	13,269.80	13,675.84	6,586.12	20,261.96
8004 · Standby Pay	227.88	3,530.10	3,757.98	3,696.08	7,454.06
8005 · Employee Incentives	125.00	2,847.50	2,972.50	2,027.50	5,000.00
8007 · Voluntary Deductions	0.00	0.00	0.00	0.00	0.00
8008 · Deferred Comp 457	0.00	15,577.54	15,577.54	0.00	15,577.54
8013 · Payroll Taxes	976.86	-8,781.42	-7,804.56	15,844.70	8,040.14
8015 · Payroll/Bank Fees	46.42	-766.83	-720.41	752.95	32.54
8019 · PERS Retirement					
8019.05 · PERS Retirement	366.41	7,506.02	7,872.43	5,943.16	13,815.59
8019 · PERS Retirement - Other	0.00	0.00	0.00	0.00	0.00
Total 8019 · PERS Retirement	366.41	7,506.02	7,872.43	5,943.16	13,815.59
8020 · Employee Health					
8020.05 · Employee Health	462.14	10,527.56	10,989.70	7,495.92	18,485.62
8021 · Employee Health Deductions					
8021.05 · EE Health & Wellness	0.00	0.00	0.00	0.00	0.00
8021.10 · EE Medical Opt-Out	0.00	400.00	400.00	0.00	400.00
8021 · Employee Health Deductions - Other	-4.82	-209.24	-214.06	-78.22	-292.28
Total 8021 · Employee Health Deductions	-4.82	190.76	185.94	-78.22	107.72
Total 8020 · Employee Health	457.32	10,718.32	11,175.64	7,417.70	18,593.34
8022 · Retiree Health					
8022.05 · Retiree Health	1,119.32	25,498.09	26,617.41	18,155.36	44,772.77
Total 8022 · Retiree Health	1,119.32	25,498.09	26,617.41	18,155.36	44,772.77
Total 8000 · Salaries and Benefits Expenses	6,254.25	135,308.00	141,562.25	101,443.95	243,006.20
8500 · Other Operating Expenses					
8510 · Data/Alarms/IT Supp & Licensing	292.96	6,525.09	6,818.05	4,438.78	11,256.83
8515 · Safety	55.82	1,698.60	1,754.42	1,208.35	2,962.77
8520 · Personal Protection/Safety Wear	13.21	300.87	314.08	214.22	528.30
8530 · Telephone					
8531 · Main Plant Telephones	0.00	152.82	152.82	108.82	261.64
8532 · Paradise Cove Telephones	527.29	0.00	527.29	0.00	527.29
8533 · Pumps & Lines Telephones	8.27	314.01	322.28	0.00	322.28
Total 8530 · Telephone	535.56	466.83	1,002.39	108.82	1,111.21
8540 · Utilities					
8541 · Water	0.00	845.82	845.82	790.81	1,636.63
8542 · Main Plant Utilities	0.00	9,532.62	9,532.62	6,762.45	16,295.07
8543 · Paradise Cove Utilities	2,310.10	0.00	2,310.10	0.00	2,310.10
8544 · Pump Station Utilities	285.34	2,777.32	3,062.66	1,484.45	4,547.11
Total 8540 · Utilities	2,595.44	13,155.76	15,751.20	9,037.71	24,788.91
Total 8500 · Other Operating Expenses	3,492.99	22,147.15	25,640.14	15,007.88	40,648.02
Total Expense	23,932.01	221,227.38	245,159.39	150,354.70	395,514.09
Net Ordinary Income	-19,476.63	-161,323.36	-180,799.99	-135,296.70	-316,096.69

Sanitary Distr. No.5 of Marin Co.
Zone Report
September 2022

	Paradise C... (Tiburon)	Tiburon - Oth... (Tiburon)	Total Tiburon	Belvedere	TOTAL
Other Income/Expense					
Other Expense					
9100 · Capital Expenditures					
9200 · Main Plant Equipment Capital					
9204 · M.P. Boiler Replacement	0.00	0.00	0.00	0.00	0.00
9218 · Generator Control Panel	0.00	0.00	0.00	0.00	0.00
Total 9200 · Main Plant Equipment Capital	0.00	0.00	0.00	0.00	0.00
9300 · Pumps & Lines Capital					
9227.8 · Rodder/Vactor Truck	133.57	3,042.78	3,176.35	2,166.55	5,342.90
9313 · Manholes/Rodholes	0.00	2,925.00	2,925.00	2,075.00	5,000.00
9314 · Portable Emergency Generators	0.00	0.00	0.00	0.00	0.00
Total 9300 · Pumps & Lines Capital	133.57	5,967.78	6,101.35	4,241.55	10,342.90
9400 · Paradise Cove Capital					
9403 · P.C. Communication Upgrades					
9403.1 · Cellular	946.51	0.00	946.51	0.00	946.51
Total 9403 · P.C. Communication Upgrades	946.51	0.00	946.51	0.00	946.51
Total 9400 · Paradise Cove Capital	946.51	0.00	946.51	0.00	946.51
9500 · Undesignated Capital					
9510 · Undesignated Cap - M.P.	0.00	-5,402.37	-5,402.37	-3,179.63	-8,582.00
Total 9500 · Undesignated Capital	0.00	-5,402.37	-5,402.37	-3,179.63	-8,582.00
Total 9100 · Capital Expenditures	1,080.08	565.41	1,645.49	1,061.92	2,707.41
9700 · Debt Service					
9701 · MPR Bond REFI - Principal	0.00	385,441.00	385,441.00	209,559.00	595,000.00
9702 · MPR Bond REFI - Interest	0.00	53,497.92	53,497.92	29,086.08	82,584.00
Total 9700 · Debt Service	0.00	438,938.92	438,938.92	238,645.08	677,584.00
Total Other Expense	1,080.08	439,504.33	440,584.41	239,707.00	680,291.41
Net Other Income	-1,080.08	-439,504.33	-440,584.41	-239,707.00	-680,291.41
Net Income	-20,556.71	-600,827.69	-621,384.40	-375,003.70	-996,388.10

Sanitary Distr. No.5 of Marin Co.
Monthly O.T. Report
September 2022

Type	Date	Num	Name	Memo	Amount	Balance
Balf, Abigail						
Check	09/15/22	242	Balf, Abigail	8.00 Hrs. O.T. @ 1.5x	459.84	459.84
Check	09/15/22	242	Balf, Abigail	0.50 Hrs. O.T. @ 2.0x	38.32	498.16
Check	09/29/22	254	Balf, Abigail	1.00 Hrs. O.T. @ 1.5x	57.48	555.64
Total Balf, Abigail					555.64	555.64
Bilsborough, Chad						
Check	09/15/22	243	Bilsborough, Chad	46.50 Hrs O.T. @ 1.5x	3,411.47	3,411.47
Check	09/15/22	243	Bilsborough, Chad	07.50 Hrs. O.T. @ 2.0x	733.65	4,145.12
Check	09/29/22	255	Bilsborough, Chad	24.50 Hrs O.T. @ 1.5x	1,797.44	5,942.56
Total Bilsborough, Chad					5,942.56	5,942.56
Cottrell, Rulon						
Check	09/15/22	245	Cottrell, Rulon	16.50 Hrs. O.T. @ 1.5x	1,703.30	1,703.30
Check	09/15/22	245	Cottrell, Rulon	09.00 Hrs. O.T. @ 2.0x	1,238.76	2,942.06
Check	09/29/22	257	Cottrell, Rulon	64.50 Hrs. O.T. @ 1.5x	6,658.34	9,600.40
Total Cottrell, Rulon					9,600.40	9,600.40
Dohrmann, Robin						
Check	09/15/22	246	Dohrmann, Robin	12.00 Hrs. O.T. @ 1.5x	1,123.56	1,123.56
Check	09/29/22	258	Dohrmann, Robin	12.00 Hrs. O.T. @ 1.5x	1,498.08	2,621.64
Total Dohrmann, Robin					2,621.64	2,621.64
La Torre, Daniel P.						
Check	09/15/22	247	La Torre, Daniel P.	04.00 Hrs. O.T. @ 1.5x	374.52	374.52
Check	09/15/22	247	La Torre, Daniel P.	03.00 Hrs. O.T. @ 2.0x	374.52	749.04
Total La Torre, Daniel P.					749.04	749.04
Rosser, John						
Check	09/29/22	261	Rosser, John	04.00 Hrs. @ 1.5x	339.72	339.72
Check	09/29/22	261	Rosser, John	01.00 Hrs. @ 2.0x	113.24	452.96
Total Rosser, John					452.96	452.96
Triola, Joseph						
Check	09/15/22	252	Triola, Joseph	02.00 Hrs. O.T. @ 1.5x	169.86	169.86
Check	09/29/22	264	Triola, Joseph	02.00 Hrs. O.T. @ 1.5x	169.86	339.72
Total Triola, Joseph					339.72	339.72
TOTAL					20,261.96	20,261.96

Sanitary District No. 5 of Marin County



District Management Report September 2022

Contents:

- Transmittal Memo
- Financial/Budgetary
- HR & Personnel
- Business Administration
- Collection System Performance
- Treatment Plant Performance – Paradise Cove
- Treatment Plant Performance – Main Plant
- Pollution Prevention Activities
- Continuing Education & Safety Training
- Capital Improvement Projects

Transmittal Memo

Date: October 20, 2022
To: Board of Directors
From: Tony Rubio, District Manager
Subject: Management Report for September 2022

Fiscal Status

Period Covered: July 1, 2022 –September 30, 2022
Percent of Fiscal Year: 25%
Percent of Budgeted Income to Date: 23.1%
Percent of Budgeted Expenditures to Date: 4.9% (operating only)

Personnel

Separations: None
New Hires: None
Promotions: None
Recruitment Activities: 1

Regulatory Compliance

MP Collection System WDR Compliance: Full Compliance with all regulations
PC Collection System WDR Compliance: Full Compliance with all regulations
MP NPDES Permit Compliance: Full Compliance with all regulations
PC NPDES Permit Compliance: Full Compliance with all regulations
BAAQMD Compliance: Full Compliance with all regulations
Significant Comments: None

Summary of Operational Highlights are on the following pages.

Significant Events for the Month of September 2022 Include:

Financial/Budgetary/Business Administration

- Board and committee meetings will continue to be held virtually in compliance with AB361 and status of need will be reviewed every month.
- AB 2449 Effective January 1, 2023 will relax teleconference rules for board meetings. Does the board want to go back to in person meetings/hybrid/remote as long as the need is required? Discussion item for next month's meeting.
- FY 21-22 Audit underway.
- Met with CSW Stroh regarding possible project at Alta Robles subdivision (14 homes – Paradise Cove service area) Easement request by SD5.
- Beginning communications with Tiburon Glen Estates subdivision folks (22 homes Paradise Cove area) Easement requested by SD5.
- Communications with owner of 2088 Paradise Drive regarding house rebuild and force main relocation at Tiburon Pump Station #4.
- Multiple sewer lateral non-compliance notices sent out to residents with expired permits.

HR and Personnel

- Recruitment of Maintenance/Collection System technician underway.

Continuing Education and Safety Training.

- Work with DKF solutions on District safety program updates on-going Policy updates completed – companion training currently under review.

Collection System Performance

Main Plant Tiburon/Belvedere:

- Submitted No Spill Report for the month of August to RWQCB on CIWQS.
- Soleflux chemical delivery scheduled for early October- to assist/eliminate increased odor issues in the collection system as a result of increased water conservation (higher strength wastewater).
- 3 Odor complaints – 2 @ Tiburon Centro (Tiburon 5 force main) 1 @ Tiburon Mar East (Tiburon 2 force main).

Paradise Cove:

- Submitted No Spill report for month of August to RWQCB on CIWQS.

Treatment Plant Performance

Paradise Cove:

- Conducted plant tour to treatment plant general managers.

Main Plant:

- Submitted August 2022 Monthly SMR and DMR to the RWQCB on CIWQS.
- Digester mix pump placed back in-service.
- 1 RAS and 1 WAS pump rebuild and placed back in service.
- 2 Odor complaints MP (Odor scrubber down for piping rehabilitation).

Pollution Prevention Activities

- Remote meetings with P2 Group

Capital Improvement Projects

- 2022 Sewer Rehab to begin on October 24- NTP to be issued on that date.
- Wet Water tank floor rehabilitation completed- floor was worse than anticipated and had to perform additional rehabilitation.
- Received CIP Program Review Proposals.
- Received Cove Road MCC and Generator replacement project proposal from NUTE Engineers.
- Digester Rehab design work continues along with staff preparation for beginning project as soon as this winter.

Glossary of Terms

- **B.O.D. (Biochemical Oxygen Demand):** Measurement of the effluent's capacity to consume dissolved oxygen to stabilize all remaining organic matter. The permit limits for our effluent for discharge into San Francisco bay require that we remove 85% influent B.O.D. and meet a weekly average of less than 45mg/l and a monthly average of less than 30 mg/l B.O.D.
- **TSS (Total Suspended Solids):** Measurement of suspended solids in the effluent. Our permit requires that we remove at least 85% of the influent TSS and that the effluent limit is less than 45 mg/l as a weekly average and less than 30 mg/l as a monthly average.
- **Chlorine Residual:** The plant effluent is disinfected with hypochlorite (chlorine "bleach") and then the residual chlorine is neutralized with sodium bisulfite to protect the bay. The effluent chlorine residual limit is 0.0 mg/l which we monitor continuously.
- **pH:** pH is a measurement of acidity with pH 7.0 being neutral and higher pH values being basic and lower pH values being acidic. Our permit effluent pH must stay within the range of 6.0-9.0, which we monitor continuously.
- **Coliform:** Coliform bacteria are the indicator organism for determination of the efficiency of the disinfection process. The lab culture samples of our effluent and the presence of coliform is an indication that pathogenic organisms may be present. This is reported as MPN/100 (number of coliform bacteria in 100 milliliters sample).
- **Flow Through Bioassay:** A 96 hour test in which we test the toxicity of our effluent to tiny fish (sticklebacks) in a flow through tank to determine the survivability under continuous exposure to our effluent. Our permit requires that we maintain a 90th percentile survival of at least 70% and an 11 sample median survival of at least 90%. In layman's terms, this means that out of the last 11 samples only one bioassay may fall below 70% survival and the middle value when all 11 samples are placed in numerical order must be at least 90%.
- **Metals Analysis:** Our permit requires that we analyze our effluent for many different metals on a monthly basis. We have permit limits for some metals. The metals are stated as a daily max and a monthly average limit. The daily max limit is the number we cannot exceed on any sample and the monthly average applies to all samples collected in any month (although usually we are only required to take one).
- **F.O.G. (Fats, oils and grease):** Quarterly we are required to monitor our effluent for Fats, Oils and Grease.

Glossary of terms continued...

- **Headworks:** The point where all raw wastewater enters the treatment plant. In this building wastewater goes through 3 grinders to grind up all large objects that could possibly damage our influent and sludge pumps further down the treatment process.
- **Primary Sedimentation:** The next treatment process is a physical treatment process where solids that settle or float are removed and sent to the digesters for further processing.
- **Activated Sludge:** Next is the activate sludge process. This process is a biological wastewater treatment process that uses microorganisms to speed up the decomposition of wastes. When activated sludge is added to wastewater, the microorganisms feed and grow on waste particles in the wastewater. As the organisms grow and reproduce, more and more waste is removed, leaving the wastewater partially cleaned. To function efficiently, the mass of organisms needs a steady balance of food and oxygen. These tasks are closely monitored by the operations staff.
- **Secondary Clarification:** Next is secondary clarification, like primary sedimentation/clarification, this also is a physical treatment process where solids that settle or float are removed and sent to the next treatment process. The difference between Secondary Clarification and primary sedimentation is that the solids removed from the secondary clarifiers goes to 2 places. Some goes to waste to the DAFT and some goes back to the activated sludge process for further treatment. (*Microorganisms must be returned to the activated sludge process to keep an equal balance of food and microorganisms*).
- **DAFT (dissolved air floatation thickener):** Next is the DAFT. The dissolved air floatation thickening process uses air bubbles to thicken WAS(waste active sludge) solids removed from the secondary clarifier, by floating solids to the tank surface, where they are removed and sent to the digesters for final processing.
- **Sludge Digestion:** In the anaerobic digestion process, all the organic material removed from the primary sedimentation tanks and DAFT's are digested by anaerobic bacteria. The end products are methane, carbon dioxide, water and neutralized organic matter.
- **Solids Handling:** This is the process where all the neutralized sludge from the digester is finally treated. Sludge from the digester is pumped to the screw press where it is conditioned with a polymer (chemical that reacts with the sludge to remove the water from the sludge and bind the sludge particles together) in order to dewater the sludge and produce a dry cake for final disposal to the Redwood landfill.

Glossary of terms continued...

- **Disinfection:** This is the end point for the wastewater- at this point wastewater flows through the chlorine contact tank. This contact tank allows for enough contact time for chlorine solution to disinfect the wastewater. Sodium bisulfite is introduced at the end of the tank to neutralize any residual chlorine to protect the bay.
- **MLSS (mixed liquor suspended solids):** Suspended solids in the mixed liquor of an aeration tank measured in mg/l
- **MCRT (mean cell resident time):** An expression of the average time that a microorganism will spend in the activated sludge process.
- **SVI (sludge volume index):** This is a calculation used to indicate the settling ability of activated sludge in the secondary clarifier.
- **RAS (return activated sludge):** The purpose of returning activated sludge, is to maintain a sufficient concentration of activated sludge in the aeration tank.
- **WAS (waste activated sludge):** To maintain a stable process, the amount of solids added each day to the activated sludge process are removed as WAS. We track this by our MCRT which averages 3 days
- **TWAS (thickened waste activated sludge):** The WAS is thickened in the DAFT and the thickened sludge is then pumped to the digester.
- **MPN (most probable number):** Concentrations of total coliform bacteria are reported as the most probable number. The MPN is not the absolute count of the bacteria but a statistical estimate of their concentration.
- **Bio-solids:** Anaerobic digested sludge is pumped to a screw press where excess water is removed to reduce the volume (and weight) thus producing an end result called bio-solids.
- **Polymer:** Organic polymers are added to digested sludge to bring out the formation of larger particles by bridging to improve processing.

Wastewater Acronyms

ACWA	Assoc of California Water Agencies	APWA	American Public Works Association
AWWA	American Water Works Association	BAAQMD	Bay Area Air Quality Management District
BACWA	Bay Area Clean Water Agencies	BAPPG:	Bay Area Pollution Prevention Group
CASA	California Association of Sanitation Agencies	CSDA	California Special Districts Association
CSRMA:	California Sanitation Risk Management Authority	CAAQS	California Ambient Air Quality Standard
CalARP	California Accidental Release Prevention Program	CARB	California Air Resources Board
CDO	Cease and Desist Order	CECs	Constituents of Emerging Concern
CEQA	California Environmental Quality Act	CIWQS	California Integrated Water Quality System
CFR	Code of Federal Regulations	CMOM	Capacity, Management, Operation and Maintenance
CIWMB	California Integrated Waste Management Board	CPUC	California Public Utilities Commission
CSO	Combined Sewer Overflow	CTR	California Toxics Rule
CWA	Clean Water Act	CWAP	Clean Water Action Plan
CWARA	Clean Water Authority Restoration Act	CWEA	California Water Environment Association
DHS	Dept. of Health Services	DTSC	Dept. of Toxic Substances Control
EBEP	Enclosed Bays and Estuaries Plan	EDW	Effluent Dominated Water body
EIS/EIR	Environmental Impact Statement/Report	EPA	Environmental Protection Agency
ERAF	Educational Reserve Augmentation Fund	ESMP	Electronic Self-Monitoring Report
FOG	Fats, Oils and Grease	GASB	Government Accounting Standards Board
ISWP	Inland Surface Waters Plan	JPA	Joint Powers Authority
LAFCO	Local Agency Formation Commission	LOCC	League of California Cities
MACT	Maximum Achievable Control Technology (air controls)	MCL	Maximum Contaminant Level
MMP	Mandatory Minimum Penalty	MOU	Memorandum of Understanding
MUN	Municipal Drinking Water Use	NACWA	National Association of Clean Water Agencies
NGOs	Non Governmental Organizations	NOX	Nitrogen Oxides
NPDES	Nat'l Pollutant Discharge Elimination System	NRDC	Natural Resources Defense Council
NTR	National Toxics Rule	OWP:	Office of Water Programs
OSHA:	Occupational Safety and Health Administration	PCBs	Poly Chlorinated Biphenyls
POTWs	Publicly Owned Treatment Works	PPCPs	Pharmaceutical and personal Care Products
QA/QC	Quality Assurance / Quality Control	Region	IX Western Region of EPA (CA, AZ, NV & HI)
RFP	Request For Proposals	RMP	Risk Management Program
RFQ	Request For Qualifications	RWQCB	Regional Water Quality Control Board
SEP	Supplementary Environmental Projects	SIP	State Implementation Policy (CTR/NTR criteria)
SFEI:	San Francisco Estuary Institute	SRF	State Revolving Fund
SSO	Sanitary Sewer Overflow	SSMP	Sewer System Management Plan
SWRCB	State Water Resources Control Board	TMDL	Total Maximum Daily Load
WDR	Waste Discharge Requirements	WEF	Water Environment Federation
WERF	Water Environment Research Foundation	WET	Whole Effluent Toxicity or Waste Extraction Test
WMI	Watershed Management Initiative	WRFP	Water Recycling Funding Program
WRDA	Water Resource Development Act	WWTP	Wastewater Treatment Plant
WQBEL	Water Quality Based Effluent Limitation	WWWIFA	Water & Wastewater Infrastructure Financing Agency



Proposal

Main Plant and Paradise Cove Plant Capital Improvement Project (CIP) Assessment and Occupancy Optimization Evaluation and Recommendations Project



October 7,
2022



October 5, 2022

Mr. Tony Rubio, District Manager
Sanitary District No. 5 of Marin County
P.O. Box 227 / 2001 Paradise Drive
Tiburon, CA 94920

RE: HDR's Proposal for Main Plant and Paradise Cove Plant Capital Improvement Projects Assessment and Occupancy Optimization Evaluation and Recommendations Project

Dear Mr. Rubio:

HDR is pleased to present our proposal to assist Sanitary District No. 5 of Marin County (District) with preparation of a technical report that includes an evaluation of the scheduled capital improvement projects at the District's Main and Paradise Cove Treatment Plants, and an assessment of staff occupancy optimization at the Main Plant (with recommendations).

HDR brings proven experience with both the District and with past similar capital improvement program project evaluations. Recent projects for the District include the (1) Biosolids Management and Future Biosolids Master Plan; (2) Collection System Master Plan; (3) Alternative Energy Study; (4) Staffing Assessment; and (5) Main Plant Digester Rehabilitation and Cleaning. Similar master planning/capital improvement program project evaluations that were completed by our team include Minden Gardnerville Sanitation District's wastewater treatment plant and Douglas County Lake Tahoe Sewer Authority's wastewater treatment plant.

Mike Falk will serve as your project manager. He will employ the same project management skills used on past projects where he kept the team on schedule and on budget while keeping everyone fully informed as to project status. Mike understands the importance of communication, not only with outside agencies, but also with internal staff at the District. By selecting Mike as your project manager, the District will be assured of responsiveness, accurate cost estimates, budget management, schedule control, and a quality project.

Mike will be supported by a local team with expertise and long-term experience in wastewater treatment plant planning and staffing studies. Arashdeep Singh and Arthur Xu will serve as project engineers and will perform the capital improvement project assessments. Arashdeep recently performed similar capital improvement assessments for Minden Gardnerville Sanitation District's wastewater treatment plant. Arthur brings recent District experience with your collection system and biosolids master plan projects, and updated cost estimates for the City of Livermore's water reclamation plant capital improvement projects. Scott Joslyn will lead the

Mr. Tony Rubio
October 5, 2022
Page 2

occupancy optimization evaluation and recommendations portion of the project. Scott recently completed the staffing assessment for the District, as well as a similar study for the City of San Mateo's wastewater treatment plant. Mallika Ramanathan will provide quality assurance/quality control (QA/QC) review of the technical report. She was involved in both the Minden Gardnerville Sanitation District and Douglas County Lake Tahoe Sewer Authority projects featured in our proposal.

If you require any further information or have any questions regarding this proposal, please feel free to contact Mike at (916) 817-4916 or via email at Mike.Falk@hdrinc.com. We are excited about this opportunity to continue working collaboratively with the District on this project.

Sincerely,
HDR ENGINEERING, INC.



Holly L.L. Kennedy, PE (CA #74682)
Senior Vice President



Michael W. Falk, PE (CA #77787)
Project Manager

MWF:pk/22-10355948

1. Project Team

Successful completion of any project requires technical competence and managerial skills in the assigned personnel, development of a thorough work plan, and understanding of the client’s needs. For your project, we have assembled a team of highly qualified and experienced professionals that you know and trust. This team has the right skills whose qualifications and responsibilities are tailored to your project objectives.

Current Composition of HDR’s Professional, Technical, and Support Staff

Founded in 1917, HDR has grown to a staff of more than 11,144 employee-owners located in over 200 offices worldwide. Table 1-1 shows the current composition of professional, technical, and support staff company wide. In Northern California, HDR maintains a professional staff of more than 500, of whom more than 100 specialize in water and wastewater engineering.

Staff Type	Count
Administrative Support Workers	613
Executive/Senior Level Officials and Managers	40
First/Mid Level Officials and Managers	1,974
Professionals	7,164
Technicians	1,353
Total	11,144

Proposed Staff

Figure 1-1 shows the proposed staff for your project. Qualifications, experience, and time commitment of key staff follow this page. Resumes are included in the appendix.

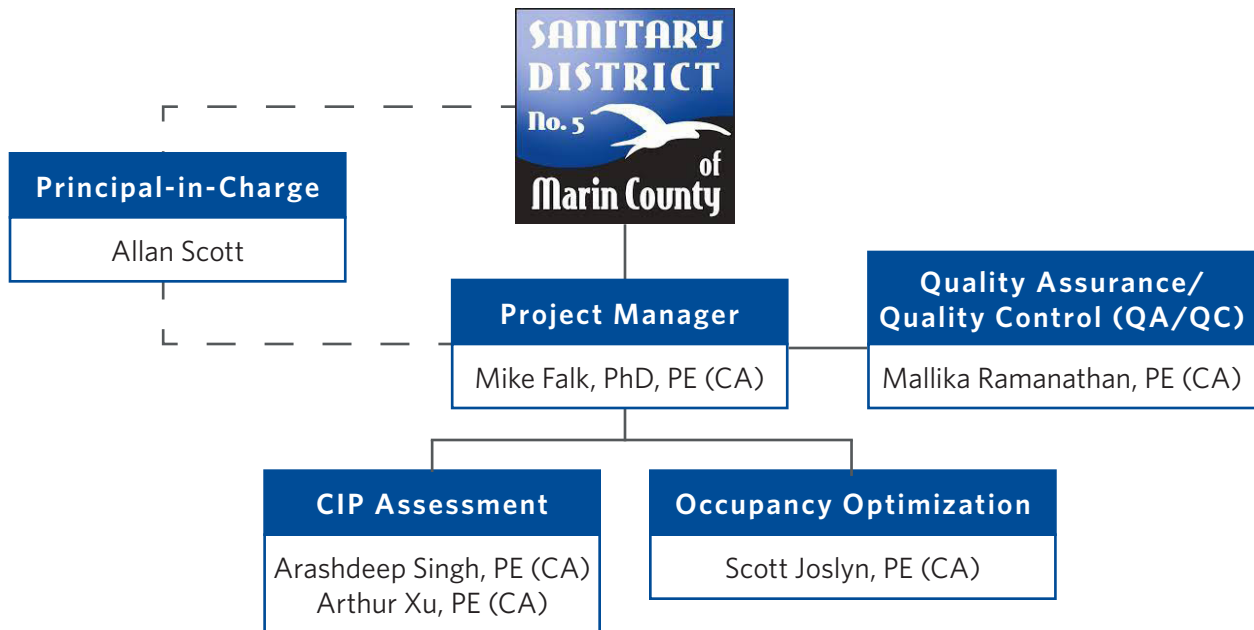


Figure 1-1. Project Team Organization



1. Project Team

Sanitary District No. 5 of Marin County | Main Plant and Paradise Cove Plant CIP Assessment and Occupancy Optimization Evaluation and Recommendations Project



Mike Falk, PhD, PE (CA)

Project Manager

Related Qualifications and Experience

- More than 14 years of wastewater engineering experience.
- Completed more than 35 wastewater treatment plant projects, which have included facility and master planning, design, and construction services.
- Project manager for design of the District’s Main Plant Digester Cleaning and Rehabilitation Project.
- Identified potential projects and estimated costs for capital improvement projects for Douglas County Lake Tahoe Sewer Authority and Minden Gardnerville Sanitation District wastewater treatment plants.

Amount of Project Involvement

- 30 to 40%



“I’d like to acknowledge the HDR team of Mike and Arashdeep who were so instrumental in the successful completion of the treatment plant upgrades project. Without their great work, the project would not have been the “turn-key” success it has been!”

~ Mr. Rob Hopkins, Manager
Douglas County Lake Tahoe Sewer Authority



Mallika Ramanathan, PE (CA)

QA/QC

Related Qualifications and Experience

- More than 27 years of wastewater engineering experience
- Completed more than 50 wastewater treatment plant projects, which have included facility and master planning, design, and construction services.
- Project engineer during preparation of Douglas County Lake Tahoe Sewer Authority’s wastewater treatment plant master plan, which included implementation plan and capital improvement program for the recommended improvements.
- Provided QA/QC review of Minden Gardnerville Sanitation District’s wastewater treatment plant master plan update, which included construction cost estimates, implementation plan, and capital improvement program for the recommended improvements.

Amount of Project Involvement

- 5%



“Thank you for the problem solving, coordination, great attitude, and for keeping this project moving.”

~ Ms. Azalea Mitch
City of San Mateo



Arashdeep Singh, PE (CA)

CIP Assessment and Recommendations

Related Qualifications and Experience

- More than seven years of wastewater engineering experience.
- Project manager/engineer for preparation of Minden Gardnerville Sanitation District's wastewater treatment plant master plan update, which included construction cost estimates, implementation plan, and capital improvement program for the recommended improvements.
- Has a proven track record of providing quality engineering services, being highly responsive, easy to work with, and providing clear and effective communication.

Amount of Project Involvement

- 25 to 35%



"Arashdeep Singh gave a good impression. He picked up on things very quickly and always seem to have the company's best interest in mind. He took care of things in a timely manner."

~ Mr. Ron Tobey
Former City of Pinole Plant Manager (Retired)



Scott Joslyn, PE (CA)

Operations Specialist - Occupancy Optimization Evaluation and Recommendations

Related Qualifications and Experience

- More than 32 years of experience in wastewater treatment plants on more than 35 treatment plant projects.
- Brings a unique owner/operator mindset to his projects due largely to his experience as a municipal operator and wastewater manager.
- Evaluated effective staffing requirements for the District to maintain their current level of service for operations, maintenance, and collections operations and maintenance (O&M).
- Assisting with design of the District's Main Plant Digester Cleaning and Rehabilitation Project.
- Conducted an optimization study for the City of San Mateo's wastewater treatment plant, which included staffing levels.

Amount of Project Involvement

- 10 to 20%



"Thanks again for letting us have Scott supporting us. We cannot say enough good things about the work that he is doing."

~ Ms. Mariana Chavez-Vasquez
City of San Jose



1. Project Team

Sanitary District No. 5 of Marin County | Main Plant and Paradise Cove Plant CIP Assessment and Occupancy Optimization Evaluation and Recommendations Project



Allan Scott

Principal-in-Charge

Related Qualifications and Experience

- More than 37 years of experience supporting water and wastewater utilities.
- Very familiar with Sanitary District No 5 of Marin County staff, having served as project manager for the District’s collection system master plan and principal-in-charge for the Main Plant Digester Cleaning and Rehabilitation project.
- As principal-in-charge, he will make sure that the necessary HDR resources are available to the HDR project manager to carry out the project. In addition, Allan is available to the District’s project manager as a second line of communication to HDR.

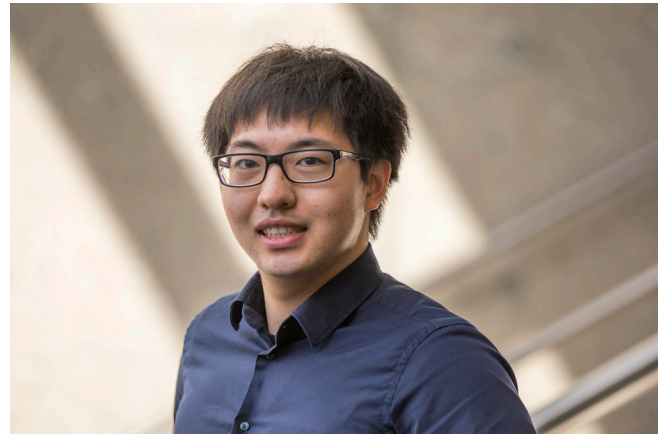
Amount of Project Involvement

- 5%



“Allan and his team have proved invaluable as we have put this program together and he has been a key contributor to our success in many ways. They have been very responsive and flexible, and consistently delivered the work promised.”

*~ Mr. Bradley Rahrer
City and County of Honolulu*



Arthur Xu, (CA)

CIP Assessment and Recommendations

Related Qualifications and Experience

- More than seven years of wastewater engineering experience.
- Assisted with preparation of the District’s collection system master plan, which included development of a 15-year capital improvement program for recommended sewer capacity improvements and rehabilitation and replacement, as well as cost for recommended improvements.
- Assisted with preparation of the District’s biosolids master plan.
- Reviewed cost estimates (prepared by others) for infrastructure improvements at the City of Livermore’s water reclamation plant, and developed revised cost estimates.
- Assisted with preparation of the wastewater treatment plant master plans for the City of Sunnyvale.

Amount of Project Involvement

- 50 to 65%

2. Project Experience & References

Similar projects that HDR has been involved with in the past four years are provided below. These projects include the project descriptions, reference information, value of the work (HDR's fee), project team members involved, and a summary of project involvement.



Sanitary District No. 5 of Marin County | Staffing Evaluation

HDR performed a staffing analysis of current operations to evaluate effective staffing requirements to maintain their current level of service for operations, maintenance, and collections O&M. Staffing evaluations were conducted using three separate methods to assess staffing requirements so that the results, merits, and disadvantages of each method could be considered prior to developing a final conclusion for the staffing assessment.

Reference: Mr. Tony Rubio, District Manager, (415) 435-1501, trubio@sani5.org

Project Team Members:
Mike Falk and Scott Joslyn

HDR's Fee: \$19,994

Project Dates: January 2021 to March 2022



Minden Gardnerville Sanitation District | Wastewater Treatment Plant Master Plan Update

HDR updated the wastewater treatment plant master plan, which included a condition assessment, update to the wastewater characteristics, description of existing facilities and operations, Envision mass balance model update, priority of rehabilitation projects, construction cost estimates, implementation plan, and capital improvement program for the recommended improvements.

Reference: Mr. Peter Baratti, District Manager, (775) 782-3546, peter@mgsdistrict.org

HDR's Fee: \$149,942

Project Team Members:
Mike Falk, Arashdeep Singh, and Mallika Ramanathan

Project Dates:
July 2021 to October 2022



Douglas County Lake Tahoe Sewer Authority | Wastewater Treatment Plant Master Plan

HDR prepared a wastewater treatment plant master plan that identified needed projects, their costs, and the date when they should be implemented. The master plan included a description of the improvements required to provide the needed treatment capacity, and an implementation plan and capital improvement program for the recommended improvements. HDR completed sewer improvement projects identified in the master plan.

Reference: Mr. Rob Hopkins, General Manager, (775) 588-3558, rhopkins@dcsid.com

Project Team Members:
Mike Falk and Mallika Ramanathan

HDR's Fee: \$84,008

Project Dates: January 2013 to November 2021

3. Scope of Work and Estimated Cost

Scope of Work/Assumptions

We have prepared the following scope of work and assumptions when developing our estimated cost for the preparation of a technical report that includes the evaluation of the Main Wastewater Treatment Plant's and Paradise Cove Wastewater Treatment Plant's scheduled capital improvement projects and an assessment of staff occupancy optimization at the Main Plant (with recommendations).

Task 1 – Information Review, Staff Interviews, and Plant Tours

The purpose of this task is to compile and review information and documents relevant to the capital improvement program for the Main and Paradise Cove plants to gain a thorough understanding of scheduled projects, estimated costs, current plant asset condition, issues, and future needs of the District.

Subtask 1.1 – Kick-off Meeting

HDR will virtually meet with the District management and operators to introduce the project team, discuss the District's project goals and objectives, and establish lines of communications. The up to one-hour kick-off meeting will focus on getting the remaining issues on the table, discussing potential alternatives and resolutions, preparing a detailed and concise action plan, list of needed information and data, defined schedule, and list of participants with their assignments. Up to three HDR team members will attend the meeting.

Deliverables: Meeting agenda and minutes.

Subtask 1.2 - Document and Data Review

HDR will review the following documents and data provided by the District:

- 10-year Capital Improvement Program List.
- Current budget with 10 year projections.

- District as builds of current break room and office and plant drawings (2014 Carollo).

Subtask 1.3 - Plant Tours and Staff Interviews

HDR will conduct a plant tour at both the Main treatment facility and the Paradise Cove facility with operations staff to get familiar with current state of operations and condition of equipment. HDR will make note of potential capital improvement program projects not already identified in the Districts 10-year capital improvement program (potential projects i.e., recycled water, ultraviolet disinfection, anoxic zone, and nutrient removal).

In addition, HDR will conduct interviews with O&M staff regarding lists of possible capital improvement program projects and current occupancy conditions. Interviews will be conducted with office staff regarding current occupancy conditions. HDR will make note of the needs of staff and perform site review and identify areas for optimization options.

It is assumed the plant tours and staff interviews for both plants will be conducted on the same day. Up to three HDR team members will visit the sites and interview staff. COVID-19 protocols to be followed for the site visit, if still applicable.

Deliverables: To be included in Task 2 deliverable.

Task 2 - Prepare Technical Report Identifying Full List of Potential Projects and Estimated Costs and Options for Improved Facilities Occupancy

HDR will prepare a technical report that will include the following:

- Current uncompleted capital improvement program projects for each plant.



3. Scope of Work and Estimated Cost

Sanitary District No. 5 of Marin County | Main Plant and Paradise Cove Plant CIP Assessment and Occupancy Optimization Evaluation and Recommendations Project

- Future capital improvement program projects for each plant, which will include a summary of the project and its purpose.
- Estimated project cost for each capital improvement program project.
- Anticipated year of completion for each capital improvement program project.
- A section that identifies the current staff occupancy at both facilities, along with recommendations for improvements, associated costs, and anticipated years of completion.

HDR will prepare a draft report for review and comment by District staff. A up to one-hour virtual review meeting will be held to discuss District comments on the draft report, to be attended by up to three HDR team members. A final technical report will be provided and presented to the board of directors. The up to one-hour presentation to the board is assumed to be performed virtually and will be attended by up to three HDR team members.

Deliverables:

- Draft technical report in PDF format for review and comment by District staff.
- Seven bound paper copies and one PDF of the final technical report.
- PowerPoint presentation for the Board of Directors.

Task 3 - Project Administration and Coordination

This task includes project administrative activities associated with project management and monthly billing.

Subtask 3.1 - Project Management

This subtask includes the management activities needed for on-time and on-budget project completion, and to address the District’s concerns. A project management plan will be developed to serve as a communication tool for District and HDR staff. Other activities include scheduling of staff and coordinating the quality assurance effort.

This subtask assumes contract/project management will be provided over a three-month period, from October 2022 to December 2022.

Deliverables: Project management plan.

Subtask 3.2 - Monthly Billing

HDR will prepare invoices on a monthly basis. The monthly progress reports will summarize budget and schedule status in measurable terms.

Deliverables: Monthly invoices in PDF format.

Estimated Cost

Table 3-1 on the following page shows the estimated cost to perform the scope of work described above.

TABLE 3.1 - ESTIMATED WORK EFFORT AND COST											
Task No.	Task Description	Principal/QA/QC	Project Manager	Project Engineer	Operations Specialist	CADD Tech	Admin/Clerical	Total HDR Labor Hours	Total HDR Labor (\$)	Total HDR Expenses (\$)	Total Cost (\$)
Task 1 - Information Review, Staff Interviews, and Equipment Inventory											
1.1	Kick-off Meeting		1	1	1			3	\$771		\$771
1.2	Document and Data Review		1	2	1			4	\$937		\$937
1.3.1	Main Plant Tour and Staff Interviews			5	5			10	\$2,098	\$600	\$2,698
1.3.2	Paradise Cove Plant Tour and Staff Interviews			3	3			6	\$1,259	\$200	\$1,459
	Subtotal Task 1	0	2	11	10	0	0	23	\$5,065	\$800	\$5,865
Task 2 - Prepare Technical Report Identifying Full List of Potential Projects and Estimated Costs and Options for Improved Facilities Occupancy											
2.1	Draft and Final Technical Report		2	26		6	4	38	\$6,215	\$225	\$6,440
2.2	Review Meeting (Virtual)		1	1	1			3	\$771		\$771
2.3	Board of Directors Presentation (Virtual)		1	1	1			3	\$771		\$771
	Subtotal Task 2	0	4	28	2	6	4	44	\$7,756	\$225	\$7,981
Task 3 - Project Administration and Coordination											
3.1	Project Management	10	4					14	\$4,866		\$4,866
3.2	Monthly Billing		2				5	7	\$1,258		\$1,258
	Subtotal Task 3	10	6	0	0	0	5	21	\$6,123	\$0	\$6,123
TOTALS		10	12	39	12	6	9	88	\$18,945	\$1,025	\$19,970

Appendix

Resumes



Michael W. Falk, Jr., PhD, PE (CA)
Project Manager

Mike has more than 14 years of water and wastewater engineering experience, with specialized expertise in nutrient removal process design, nutrient regulations, and energy optimization at wastewater treatment facilities. His experience is exceptionally broad with background on master planning, nutrient regulations, process design, energy audits and optimization, plant wide modeling, emerging technologies evaluation, and developing strategies for meeting low level nutrient discharge permits.

SELECT RELEVANT EXPERIENCE

EDUCATION

Doctor of Philosophy, Civil & Environmental Engineering, University of California Davis, 2009

Master of Science, Environmental Engineering, University of Massachusetts, 2002

Bachelor of Science, Civil Engineering, Virginia Polytechnic Institute and State University, 1999

REGISTRATION

Professional Engineer, Civil, California No. C-77787, 2011

CERTIFICATIONS

Institute for Sustainable Infrastructure (ISI)
Envision Sustainability Professional

HDR TENURE

14 Years

INDUSTRY TENURE

14 Years

Main Plant Digester Cleaning and Rehabilitation | Sanitary District No. 5 of Marin County, Tiburon, California

Project manager for design of rehabilitation improvements to the secondary and primary digesters, which included lid and pipelines to digester. Both digesters were taken out service to be cleaned and inspected.

Staffing Evaluation | Sanitary District No. 5 of Marin County, Tiburon, California

Project manager for a staffing analysis of current operations to evaluate effective staffing requirements to maintain their current level of service for operations, maintenance, and collections operations and maintenance (O&M).

Wastewater Treatment Plant Master Plan | Douglas County Lake Tahoe Sewer Authority, Zephyr Cove, Nevada

Prepared a wastewater treatment plant master plan that identifies needed projects, their costs, and the date when they should be implemented. The master plan included a statistical analyses update based on historic influent flows and pollutant loads to reflect current condition, description of regulations and regulatory agencies that are involved with the wastewater treatment facilities and potential permit impacts and concerns, description of existing facilities and operations, description of the improvements required to provide the needed treatment capacity, and an implementation plan and capital improvement program for the recommended improvements. Process areas that were evaluated included the aeration systems, influent flow equalization, headworks (including grit removal), chlorine (gas to hypochlorite), and thickener. Hydraulic modeling was performed to evaluate hydraulic loading for each unit process and identify hydraulic concerns (i.e., submerged weirs, submerged flumes, flooded basins). An Envision mass balance model of the wastewater treatment plant was developed to reflect the plant's current configuration and operation.

Wastewater Treatment Plant Master Plan Update | Minden-Gardnerville Sanitation District, Minden, Nevada

Updated the wastewater treatment plant master plan to identify a phased and cost-effective capital improvement program to accommodate planned growth within the district's service area, and replacement of aging equipment within the wastewater treatment plant to improve reliability and maximize plant flexibility.

The master plan focused on the defining the ultimate service area, population, wastewater flows, and pollutant loads that were used to determine the buildout capacity requirements of the wastewater treatment facilities. Project also included hydraulic modeling using Visual Hydraulics to estimate the plant hydraulic profile and energy grade line for the liquid stream, and evaluate hydraulic loading for each unit process and identify hydraulic concerns (i.e., submerged weirs, submerged flumes, flooded basins).

Wastewater Treatment Plant Master Plan Update | Minden Gardnerville Sanitation District, Minden, Nevada

Assisted with update of the wastewater treatment plant master plan, which included a condition assessment, update to the wastewater characteristics, description of existing facilities and operations, Envision mass balance model update, priority of rehabilitation projects, construction cost estimates, implementation plan, and capital improvement program for the recommended improvements.

Facility Plan | Regional San, Elk Grove, California

Led the preparation of the facility plan for the Sacramento Regional Wastewater Treatment Plant.

Water Reclamation Facility Master Plan | City of San Luis Obispo, California

Provided a master plan for upgrades to the water reclamation facility.

Wastewater Treatment Plant Master Plan Program Management Services (CIP 3001) | Napa Sanitation District, Napa, California

Provided program management assistance to assist the district with the management and execution of the Wastewater Treatment Plant Master Plan prepared by others for the Soscog Water Recycling Facility, as well as the development of an affordable, cost-effective capital improvement program that maximizes the use of existing facilities. Served as an extension of district staff throughout the duration of the project. Helped directed and managed project activities and the work being executed by the district's master plan consultants. Assisted the district in presenting findings and recommendations, as well as obtaining

feedback/direction from the district's board of directors.

Wastewater Master Plan Update | Camarillo Sanitary District, Camarillo, California

Assisted with preparing a 10-year CIP of treatment plant project using pairwise analysis, costs, budgets, and risk reduction considerations.

Wastewater Treatment Plant Master Plan Update | Delta Diablo, Antioch, California

Assisted with preparation of an update to the wastewater treatment plant master plan to identify a phased and cost-effective capital improvement program to accommodate planned growth within the district's service area, upgrades to meet regulatory changes, replacement of aging equipment within the wastewater treatment plant to improve reliability, and maximize plant flexibility to accommodate the district's future vision.

Flamingo Water Resources Center Expansion Master Plan | Clark County Water Reclamation District, Las Vegas, Nevada

Assisted with preparation of a master plan for an expansion to 184 mgd. The master plan included evaluation of expansion on the West and East Campus sites.

Broken Arrow Wastewater Master Plan | Broken Arrow Municipal Authority, Broken Arrow, Oklahoma

Assisted with preparation of wastewater master plan, which included evaluation of the wastewater treatment capacity and future improvements, and a 5-year and 20-year capital improvements program.

Wastewater Master Plan Update | City of Philadelphia, Pennsylvania

Assisted with update of the wastewater master plan. Identified potential and future near-term (10 years) and long-term (10-20 years) regulatory concerns.

Wastewater Treatment Plan Master Plan | Dublin San Ramon Services District, Dublin, California

Assisted with preparation of wastewater treatment plant master plan.



Mallika Ramanathan, PE (CA)
 Quality Assurance/Quality Control (QA/QC)

Mallika brings more than 27 years of experience in all aspects of wastewater, recycled water, and water projects for the municipal and industrial sectors. Her experience includes planning, permitting, funding, program management, process design, and detailed design. She brings a variety of experience working and leading regional projects with multiple stakeholders and regulatory agencies, developing funding mechanisms, permitting approaches, and reaching consensus with varying stakeholder interests. She has served as project manager leading large project teams for projects ranging in value from \$0.5 million to over \$120 million.

SELECT RELEVANT EXPERIENCE

Wastewater Treatment Plant Master Plan Update | Minden Gardnerville Sanitation District, Minden, Nevada

Provided quality assurance/quality control (QA/QC) review for update of the wastewater treatment plant master plan, which included a condition assessment, update to the wastewater characteristics, description of existing facilities and operations, Envision mass balance model update, priority of rehabilitation projects, construction cost estimates, implementation plan, and capital improvement program for the recommended improvements.

Wastewater Treatment Plant Master Plan | Douglas County Lake Tahoe Sewer Authority, Zephyr Cove, Nevada

Project engineer during preparation of a wastewater treatment plant master plan that identifies needed projects, their costs, and the date when they should be implemented. The master plan included a statistical analyses update based on historic influent flows and pollutant loads to reflect current condition, description of regulations and regulatory agencies that are involved with the wastewater treatment facilities and potential permit impacts and concerns, description of existing facilities and operations, description of the improvements required to provide the needed treatment capacity, and an implementation plan and capital improvement program (CIP) for the recommended improvements. Process areas that were evaluated included the aeration systems, influent flow equalization, headworks (including grit removal), chlorine (gas to hypochlorite), and thickener. Hydraulic modeling was performed to evaluate hydraulic loading for each unit process and identify hydraulic concerns (i.e., submerged weirs, submerged flumes, flooded basins). An Envision mass balance model of the wastewater treatment plant was developed to reflect the plant's current configuration and operation.

EDUCATION

Master of Science,
 Environmental Engineering, University of North Carolina, Chapel Hill, 2000

Bachelor of Science,
 Civil & Environmental Engineering, Cornell University, 1996

REGISTRATION

Professional Engineer –
 Civil | California #66364

PROFESSIONAL AFFILIATIONS

California Water Environment Association

Water Environment Federation

HDR TENURE

4 Years

INDUSTRY TENURE

27 Years

Main Wastewater Treatment Plant Integrated Master Plan | East Bay Municipal Utility District, Oakland, California

Project manager for preparation of a master plan that focuses on nutrient reduction and biosolids management options in the near-term and long-term. The master plan integrated long-term improvements with asset rehabilitation as well as recycled water deliveries. Other project aspects included preparation of a market assessment to confirm the value of recovered nutrients and biosolids, capacity assessment, and satellite treatment for nutrient reduction. The project was completed with the district staff preparing certain components and the consultant team preparing other components.

Sunnyvale Master Plan and Primary Renovations | City of Sunnyvale, California

Provided master planning, site planning, and design standards for primary treatment renovation improvements for the city's 14 mgd water pollution control plant. Treatment processes were evaluated. Preliminary treatment alternatives included conventional bar screens versus micro-screens, redundancy considerations for storm flows, and alternatives for rag removal and processing. Primary treatment alternatives included chemically enhanced primary treatment (CEPT), potential for co-thickening and implications on solids thickening processes, and grit removal options. Secondary treatment alternatives included variations of activated sludge process, such as biological nutrient removal (BNR), activated sludge and trickling filters, utilization of FGR, evaluation of wetlands for polishing, potential for converting the existing AFTs to clarifiers or thickening process for solids, co-thickening of activated sludge with primary sludge and implications on digester operations, configuration of aeration tanks for BNR/activated sludge process, potential for use of membrane bioreactor (MBR) to meet recycle water goals, aeration system needs for various alternatives, control systems concepts for various alternatives, sludge withdrawal systems and influent flow options for flexibility in various modes of operations to enable step feed and internal recycle, and Norcardia/foam control options. Filtration alternatives included dual media, membrane, micro filtration, and potential for reverse osmosis for

recycled water production. Disinfection alternatives included modifications to future hypochlorite and bi-sulfite systems, potential for ultraviolet (UV) system addition, ability to meet future California Energy Commission (CEC) regulation, and disinfection by-products elimination. Solids thickening alternatives included gravity thickeners and dissolved air flotation (DAF). Solids dewatering alternatives included centrifuges and belt filter presses. Gas management systems alternatives included integration of the digester and landfill gas, treatment systems required, provision for gas storage and reliability mechanisms, location/integration of existing gas flares, and gas blending systems. Odor control systems alternatives included centralized system and individual systems for each process/unit. Also developed an Electrical and Combined Heat and Power Plan (ECHP Plan), which identifies the electrical and power systems needed to support the proposed treatment processes.

San Luis Obispo Program Management for Water Reclamation Facility Upgrade | City of San Luis Obispo, California

Provided program management services for upgrades to the city's 5.1 mgd dry weather (22 mgd wet weather) water reclamation facility. Responsible for leading facility plan activities, which included evaluation of secondary treatment upgrades, alternative disinfection technologies, peak flow equalization, tertiary treatment upgrades, and site planning for new facilities.



Arashdeep Singh, PE (CA)

Capital Improvement Project (CIP) Assessment and Recommendations

Arashdeep has more seven years of experience in planning, design, monitoring, and construction of projects in the water/wastewater industry. As an assistant project engineer working with large teams, he has assisted in technical design and construction of treatment plants, pumping stations, and conveyance projects.

Arashdeep has a proven track record of providing quality designs and services, being highly responsive, easy to work with, and providing clear and effective communication. He was the most valuable engineer for the \$48 million Pinole/Hercules water pollution control plant upgrade, which has won three industry awards. Testimonials about his superior performance on this project and another award-winning wastewater treatment plant upgrade for the City of Fort Bragg are available upon request.

SELECT RELEVANT EXPERIENCE

Wastewater Treatment Plant Master Plan Update | Minden Gardnerville Sanitation District, Minden, Nevada

Project manager/engineer for update of the wastewater treatment plant master plan, which included a condition assessment, update to the wastewater characteristics, description of existing facilities and operations, Envision mass balance model update, priority of rehabilitation projects, construction cost estimates, implementation plan, and capital improvement program for the recommended improvements.

Fort Bragg Wastewater Treatment Plant Upgrade | City of Fort Bragg, California

Provided predesign services for improvements to upgrade 1 mgd wastewater treatment plant. Predesign efforts included updating the stormwater handling analysis to address the grading that was completed for the perimeter of the existing wastewater treatment plant site to eliminate run-on water from adjacent lands, analyzing the feasibility of what may be necessary (e.g. extra treatment) to reach a Class A biosolids standards for the sludge, evaluating options for providing sufficient dewatering of solids (included centrifuge, screw press, and belt filter press alternatives), and analyzing alternative methods for generating energy at the plant (including wind power or solar on site). The feasibility of a fat, oil, and grease (FOG) receiving station at the treatment plant were investigated. Prepared a design confirmation memorandum, which included and evaluation of the proposed activated sludge system. The analysis included identifying the constraints created by other elements of the treatment process elements affecting the expansion of the activated sludge system, reviewing the hydraulic profile and identifying improvements, determining if lowering the grade(s) of activated sludge units could potentially eliminate pumping as well as cost, analyzing the feasibility of achieving Title 22 water recycling status, and

EDUCATION

Bachelor of Science,
Civil Engineering,
California State
University, Sacramento,
2015

REGISTRATION

Professional Engineer,
Civil, California No.
90090

Professional Engineer,
Civil, Nevada No.
028379

HDR TENURE

5 Years

INDUSTRY TENURE

7 Years

evaluating the control systems for the new improvements to the wastewater treatment plant for ease of incorporation into a future Supervisory Control and Data Acquisition System (SCADA). Prepared plans, specifications, and cost estimates were prepared for the recommended project, which included replacement of the existing trickling filters and clarifiers with an Aero-Mod SEQUOX activated sludge system, repurposing the clarifiers into emergency/flow equalization and/or storm run-off storage, treatment of on-site stormwater, solids handling, and power requirements.

Davis Wastewater Treatment Plant Secondary and Tertiary Improvements Design-Build | City of Davis, California

The primary objective of the project was to replace the city’s outdated oxidation pond process with a modern activated sludge process that was capable of meeting new waste discharge permit requirements that would have gone into effect in October 2017. The secondary treatment improvements required construction of four new aeration tanks, four 75-foot-diameter secondary clarifiers, two return activated sludge (RAS)/waste activated sludge (WAS) pumping stations, a scum pumping station and blower building, tertiary improvements (included new filter building), chemical disinfection building, chlorine contact basin, and effluent pumping station. This project also included construction of new dewatering facility, sludge storage area, cogeneration building, associated piping, and rehabilitation of existing administration building, maintenance building, and laboratory. Finally, this project also included construction of a new plant entrance road and a flood protection levee surrounding the entire wastewater treatment plant.

Pinole-Hercules Water Pollution Control Facility Upgrade | City of Pinole, California

Provided engineering services during construction of \$48 million in upgrades at the Pinole/Hercules Water Pollution Control Plant, which were needed to meet new conditions in the renewed NPDES discharge permit that entail the elimination of blending of peak wet weather flows and use of the emergency outfall for peak wet weather flows less than 14.6 mgd. Improvements included influent pumping station, headworks, primary clarifier, aeration basins, three new secondary clarifiers,

return activated sludge (RAS)/waste activated sludge (WAS) pumping, disinfection, solids handling, effluent pumping, diesel tank replacement, and electrical facilities. Aeration basin improvements included extension of the existing aeration basins by 90 feet, aeration basin influent piping modifications, and new aeration blowers in the existing blower building. Two activated sludge operational modes were considered: carbonaceous and nitrification. Nitrification mode was selected. This project was extremely complex as upgrades needed to be made to an existing plant on a very small site. The plant had to remain on-line 24/7 without any interruptions. The existing plant did not have redundant treatment facilities, so temporary facilities had to be constructed to allow for the shutdowns. Every single treatment process had to be updated, except for digestion. As a result of tight space restrictions at the project site and the need to keep existing facilities operating during construction, considerable effort was spent with the City of Pinole, design team, construction manager, and contractor to properly phase the construction. Approximately three months were spent to work out the details on this plan and three stages of shutdowns were scheduled. Because of this careful coordination and sequencing, the plant upgrades were successfully completed without any impact to plant operations, safety violations, or permit violations.

Aeration Basin Upgrades | Douglas County Lake Tahoe Sewer Authority, Minden, Nevada

Provided preliminary design, final design, and construction services for aeration system upgrades, which included: (1) replacing existing mechanical aerators with tube-type fine bubble diffusers; (2) rehabilitating, repairing, and coating concrete in the aeration basins to extend their service life; (3) rehabilitating/replacing walkways, guardrails, handrails, and other miscellaneous ferrous metal items in and above the aeration basins; (4) providing a biological nutrient removal (BNR) process, Modified Ludzack-Ettinger (MLE), reduces sludge hauling and increases operation flexibility; (5) extending the concrete influent channel to aeration zone 1 to increase operational flexibility; and (6) providing blowers sized to meet process demands with fine bubble tube-type diffusers. The project was delivered via Construction Manager at Risk (CMAR) method.



D. Scott Joslyn, PE (CA)

Operations Specialist – Occupancy Optimization Evaluation and Recommendations

Scott has more than 32 years of experience in design, process control, startup, and operation of water and wastewater treatment plants. He has participated in many plant startups that required planning, mechanical inspections, and verification of proper operation of equipment and processes. He is also an experienced writer and trainer in technical projects.

Scott's background and experience as a professional civil engineer, certified Grade V wastewater treatment plant operator, and resident engineer, along with his experience on more than 35 treatment plants, makes him a valuable member to any team, whether the project is in the planning, design, construction, or commissioning phase.

Scott brings a unique owner/operator mindset to his projects due largely to his experience as a municipal operator and wastewater manager. This allows him to provide recommendations for shutdown and startup and minimize impacts to plant operations. In addition, his experience as a resident engineer allows him to coordinate plant operational needs, contractor needs, and contractual requirements to help project get finished, startup, and operate more quickly. Startup plans and method of plant operation (MOPO) documents along with formal and informal training for the operators will assist clients with field testing and construction sequencing that considers the maintenance of plant operations.

SELECT RELEVANT EXPERIENCE

Staffing Evaluation | Sanitary District No 5 of Marin County, Tiburon, California

Performed a staffing analysis of current operations to evaluate effective staffing requirements to maintain their current level of service for operations, maintenance, and collections operations and maintenance (O&M).

Main Plant Digester Cleaning and Rehabilitation | Sanitary District No. 5 of Marin County, Tiburon, California

Operations specialist during design of rehabilitation improvements to the secondary and primary digesters, which included lid and pipelines do digester. Both digesters were taken out service to be cleaned and inspected.

Wastewater Treatment Plant Optimization | City of San Mateo, California

Operations specialist for a study to optimize the city's wastewater treatment plant performance. Performance optimization recommendations were developed based on interviews with city staff and performance evaluation and comparison to other agencies. The project included financial and budgetary evaluation, optimization of wastewater system warehouse operations and procedures, optimization of treatment plant and pumping station maintenance, optimization of wastewater operations and maintenance (O&M) data utilization, optimization of standby duty, optimization of chemical and electrical usage at the wastewater treatment facilities, optimization of sludge processing and

EDUCATION

Bachelor of Science,
Civil Engineering,
California State
Polytechnic University,
Pomona, 1993

CERTIFICATIONS

Professional Engineer –
Civil | California
#C60929, 2000

Wastewater Treatment
Plant Operator |
California #WWTPO V-
9204, 2010

Water Treatment Plant
Operator | California
#WTO T-3 20696, 1996

Water System Operator
| California #WDO D-2
15027, 2001

PROFESSIONAL AFFILIATIONS

Water Environment
Federation,
Sacramento, 1992-
Present

INDUSTRY TENURE

32 Years

HDR TENURE

8 Years

disposal, optimization of wastewater treatment plant staffing levels, review of overtime usage, training and succession planning, and preparation of a summary report.

Wastewater Treatment Plant Performance Evaluation | Rancho Murieta Community Services District, Rancho Murieta, California

Operations engineer for performance evaluation of its pond and tertiary wastewater reclamation plant. Interviewed staff and developed written recommendations for improved operations and capital improvements to this facility that included pond treatment and dissolved air flotation (DAF) clarification before disinfection. Also developed caustic addition protocols to maintain plant nitrifications.

Capital Improvement Program Testing, Startup, and Commissioning Services | City of San Jose, California

Program lead manager responsible for overseeing and managing the testing, startup, and commissioning activities across all capital improvement projects in pre-operational, functional, and operational acceptance testing phases. The city's adopted 2021-2025 capital improvement program for the 167 mgd San José-Santa Clara Regional Wastewater Facility includes 20 active projects that are collectively valued at more than \$1 billion and will be under construction over the next several years. Projects range in size from \$5 million to over \$200 million. All of these projects will require testing, startup, and commissioning support for which HDR is currently providing.

\$400 Million Nutrient Removal and Wet Weather Flow Management Upgrade and Expansion Construction Manager at Risk (CMAR) | City of San Mateo, California

Operations specialist during design and construction of \$400 million in improvements to the San Mateo/Estero Municipal Improvement District (EMID) Wastewater Treatment Plant. Plant improvements included: (1) a new headworks facility; (2) four new covered rectangular primary clarifiers, with primary sludge pumps, scum pumps, and a primary effluent pumping station; (3) influent flow equalization basin (after conversion of the existing aeration basins) and equalization pumping station; (4) BioActiflo for wet weather treatment,

consisting of a biological contact tank and high rate clarification process, along with associated mixers, aeration, blowers and pumps; (5) chemical storage and feed facility; (6) biological nutrient removal (BNR) and membrane bioreactor (MBR) treatment facilities, mechanical/electrical building (pumps and blowers), with associated piping; (7) improvements to the existing chlorination and dechlorination facility; (8) below-grade tunnel system where some process equipment are located and where process piping between facilities are located; and (9) odor control for the new headworks and primary clarifiers. Developed annual operations and maintenance (O&M) cost estimates. Developed testing operational sequences to support contractor testing requirements.

Biosolids Management and Future Biosolids Master Plan | Sanitary District No. 5 of Marin County, Tiburon, California

New regulations in California required diversion of significant quantities of organics, including biosolids, from landfill, resulting in a 400 percent increase in needed disposal capacity. Assisted with development of a long-term biosolids management strategy to secure a sustainable pathway for disposing of its biosolids. Options considered include hauling raw solids to a neighboring wastewater treatment plant, forming a partnership with wastewater agencies in Marin County to jointly manage a land application site, and/or constructing and operating a regional compost facility.



Allan J. Scott
Principal-in-Charge

Allan is an information technology project manager, programmer, and analyst with more than 37 years of experience specializing in information technology, asset management, and geographic information systems (GIS) to support water and wastewater utilities. His experience includes performing analyses, assessments, and implementation of information management systems, and developing strategy and planning documents for gap analysis and system improvement. He has experience providing technologies to support asset management, condition assessment and capital planning, long-range capital forecasting, operations and maintenance (O&M) process improvement and technology implementation. In addition, he has performed a wide range of system development and data management functions, including migration of legacy systems to client/server architecture; design, development, and implementation of new data systems; technical management of information systems; and business management of a corporate service center.

EDUCATION

Master of Science,
Geological Sciences,
University of Nevada,
Las Vegas, 1988

Bachelor of Science,
Geoscience, State
University of New York
at Buffalo, 1984

HDR TENURE

4 Years

INDUSTRY TENURE

37 Years

SELECT RELEVANT EXPERIENCE

Collection System Master Plan | Sanitary District No. 5 of Marin County, Tiburon, California

Project manager for preparation of a collection system master plan, which included: (1) evaluation of pumping station trends, level settings, and hour meters and development of recommendation for enhanced efficiencies; (2) evaluation of system performance, identification of areas of concern as it relates to odor control, and development of recommendations; (3) condition assessment of sewer lift stations and force mains, and development of prioritized rehabilitation/replacement recommendations based on sanitary sewer overflow (SSO) reduction followed by inflow and infiltration reduction potential; and (4) development of a 15-year capital improvement program for recommended sewer capacity improvements and rehabilitation and replacement, as well as cost for recommended improvements.

Main Plant Digester Cleaning and Rehabilitation | Sanitary District No. 5 of Marin County, Tiburon, California

Principal-in-charge for design of rehabilitation improvements to the secondary and primary digesters, which included lid and pipelines to digester. Both digesters were taken out service to be cleaned and inspected.

Infrastructure Asset Management Plan Update and Program Support | Ross Valley Sanitary District, San Rafael, California

Project manager for update of the infrastructure asset management plan, a guiding document for scoping and prioritizing future district asset management activities under the Infrastructure Asset Management Program and Inflow and Infiltration (I&I) Reduction Program. Developed a pipe structural reinspection and repair plan to provide a better understanding of pipe defects and their deterioration rates, as well as provide capital planning and future inspection recommendations. Tools and processes were developed to support district staff owned program for performing defect comparison in the future. A report was

prepared that included a schedule for inspection and repairs per the cease and desist order, cost for inspection and repairs, and criteria that identifies whether a Grade 5 Pipeline Assessment and Certification Program (PACP) structural defect has deteriorated upon reinspection. Developed a force main condition assessment plan that ranked the district's force mains to determine where limited inspection budgets should be focused, and evaluated condition assessment technologies to determine which are appropriate for the force main pipelines to be assessed. HDR worked with the selected condition assessment technology vendors and district staff to develop plans for the inspection work and execute the assessment inspection. A condition assessment data results report was prepared after evaluation of the condition assessment work, which included description of the condition assessment technologies implemented, results of the assessments, and recommendations for improvement to the force main pipelines investigated. The manhole assessment included development of a priority manhole rating model in InfoMaster that assigns a risk score to each manhole based on likelihood of failure and consequence of failure factors, and when combined with an inspection condition score based on manhole inspection results, provides a means of prioritizing manholes for rehabilitation, maintenance, and replacement. A rehabilitation logic decision tree and manhole rehabilitation plan was then developed. The project also included a hydraulic model update, preparation of an infiltration and flow (I&I) reduction plan, creek crossing risk assessment, and capital planning integration.

Wastewater Treatment Plant and Field Stations Condition Assessments | South Tahoe Public Utility District, South Lake Tahoe, California

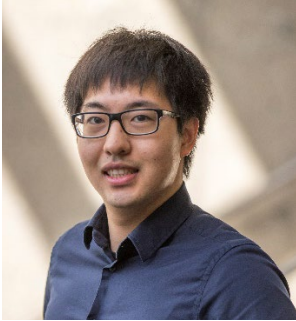
Project manager for structural, electrical, and corrosion condition assessments for the wastewater treatment plant electrical equipment, wastewater treatment plant pipelines, select wastewater treatment plant structures (filter building, blower building, return activated sludge [RAS] pumping station, emergency pumping station, material storage, repair shops, two garages, two maintenance shops), and water and sewer field stations.

Information Technology Asset Management Assessment | Sacramento County Regional Sanitation District (Regional San) and Sacramento Area Sewer District, Sacramento, Sacramento, California

Conducted an evaluation of Regional San's information technology capabilities and practices, and evaluated them against industry asset management best practices. This evaluation included both the Sacramento Regional Wastewater Treatment Plant and sewer infrastructure. A key component was the evaluation of the district's MAXIMO computerized maintenance management system (CMMS) and how the district was using it for enterprise asset management. Conducted meetings and interviews with district management and staff, and identified the current information technology and geographic information system (GIS) practices, processes, and capabilities, then compare these capabilities with the best asset management-related IT practices in the wastewater industry to determine the optimal improvements for the district. Evaluated the MAXIMO system and provided an assessment of its effective use as well as recommendations and improvements to increase the effectiveness of the district's asset management program. This task was part of the overall strategic asset management program focused on evaluating the district's overall management operations compared to best asset management practices and developing a strategic plan for district improvements.

EchoWater Project Asset Management Design Database Development | Sacramento Regional County Sanitation District (Regional San), Elk Grove, California

Developed a data management system that collects and validates asset, parts, operations and maintenance (O&M) data, and equipment specifications and manuals to support the \$1.7 billion EchoWater project. EchoWater encompasses the design and construction of major facility upgrades at the 185 mgd Sacramento Regional Wastewater Treatment Plant. Provided technical guidance and management for development of the system and processes.



Jiongcheng (Arthur) Xu, PE (CA)

Capital Improvement Project (CIP) Assessment and Recommendations

Arthur has more than seven years of experience serving as an engineer on a variety of water and wastewater projects. His experience includes water and wastewater treatment design, permitting, pipeline condition assessment, facility planning, and construction management services for public agencies.

Arthur also assisted in the preparation of feasibility studies, construction cost estimate, master plans, technology alternatives analysis, wastewater process modeling, and hydraulics modeling for various Northern California projects.

SELECT RELEVANT EXPERIENCE

Biosolids Management and Future Biosolids Master Plan | Sanitary District No. 5 of Marin County, Tiburon, California

New regulations in California required diversion of significant quantities of organics, including biosolids, from landfill, resulting in a 400 percent increase in needed disposal capacity. Assisted with development of a long-term biosolids management strategy to secure a sustainable pathway for disposing of its biosolids. Options considered include hauling raw solids to a neighboring wastewater treatment plant, forming a partnership with wastewater agencies in Marin County to jointly manage a land application site, and/or constructing and operating a regional compost facility.

Collection System Master Plan | Sanitary District No. 5 of Marin County, Tiburon, California

Assisted with preparation of a collection system master plan, which included: (1) evaluation of pumping station trends, level settings, and hour meters and development of recommendation for enhanced efficiencies; (2) evaluation of system performance, identification of areas of concern as it relates to odor control, and development of recommendations; (3) condition assessment of sewer lift stations and force mains, and development of prioritized rehabilitation/replacement recommendations based on sanitary sewer overflow (SSO) reduction followed by inflow and infiltration reduction potential; and (4) development of a 15-year capital improvement program for recommended sewer capacity improvements and rehabilitation and replacement, as well as cost for recommended improvements.

Water Reclamation Facility Improvements Budget Review | City of Livermore, California

Reviewed conceptual scopes and cost estimates (prepared by others) for infrastructure improvements at the water reclamation plant, and developed revised cost estimates. Infrastructure improvements included ultraviolet (UV) disinfection facility, potential phosphorous recovery system at existing digesters, tertiary filter facility and related reclaimed water distribution facilities, and solids management facilities, including sludge thickening and dewatering facilities.

EDUCATION

Master of Science, Civil and Environmental Engineering, University of California, Davis, 2017

Bachelor of Science, Civil and Environmental Engineering, University of California, Davis, 2016

REGISTRATION

Professional Engineer, Civil, California No. 92898

HDR TENURE

5 Years

INDUSTRY TENURE

7 Years

Sunnyvale Master Plan and Primary Renovations | City of Sunnyvale, California

Assisted with providing master planning, site planning, and design standards for primary treatment renovation improvements for the city's 14 mgd water pollution control plant.

Graham Hill Water Treatment Plant Facilities Plan Update | City of Santa Cruz, California

Assisted with update of the Graham Hill Water Treatment Plant facilities plan to determine the most effective means of implementing improvements to address updated treatment requirements/goals, as well as identify and prioritize the improvement projects for incorporation in the program. A work plan was developed for the execution of the activities associated with the facilities plan update. Treatment alternatives were identified, evaluated, screened, refined, and selected that addressed the city's combined objectives of water treatment and water supply.

Green Valley Water Treatment Plant Expansion Conceptual-Level Assessment and Alternatives Analysis | City of Vallejo, California

Performed a conceptual-level assessment and alternatives analysis of the potential Green Valley Water Treatment Plant expansion, which was needed to guide the city's decisions on its path forward to providing additional treated water capacity to the Lakes System to support future growth in this area. Evaluated two water treatment plant expansion alternatives, and alternative to bring treated water from the Fleming Hills Treatment Plant to the Lakes System to supplement the existing supply. Pipeline improvements (new and existing pipe rehabilitation), booster station requirements, storage requirements, and other system needs to allow for the transmission and integration of water into the Lakes System were considered. The project also included hydraulic analysis of the Lakes System, as well as storage to determine the new storage requirements for the system.

Travis Air Force Base Water Treatment Plant Study | City of Vallejo, California

Completed a study that evaluated the whether to rehabilitate the 7.5 mgd Travis Air Force Base water treatment plant or construct a new 4 mgd water treatment plant. Evaluated existing treatment

process capacity to meet current and future drinking water regulations, identified process improvements required to meet regulation, evaluated the useful life of existing equipment and identified in-kind replacement of equipment needed to improve water treatment plant reliability, performed structural and electrical condition assessment, and prepared a summary report with detailed description, design criteria, plan view sketches, process flow schematics, and Class 5 opinion of probable construction cost estimate were provided for each alternative.

Water Reclamation Plan Condition Assessment | City of Livermore, California

Performed a condition assessment of the water reclamation plant. A Tier 1 condition assessment was performed on high priority facilities based on visual observations and staff interviews on past performance and reliability. Tier 1 condition assessment work was performed on the primary treatment, primary effluent wet well, secondary clarification, Secondary Clarifier No. 2 (including associated influent, effluent, and return flow pipelines), manholes, and 10 interceptor manholes. A condition assessment was prepared prior to performing condition assessment field work. For each of the assets, an industry standard 1 to 5 condition rating scale was assigned and an estimated percentage of remaining useful life for the asset was estimated. Tier 1 information collected for each asset included age, material and other physical attributes, visual inspection of condition, operator assessment of performance, previous inspection/condition assessment reports/studies, maintenance records to assess reliability, and use of comparative condition of similar asset types. A report was prepared that summarized the work completed, and described repair and rehabilitation recommendations (included completed condition assessment forms, notes, photographs, nameplate data, and other documentation produced during the assessment). Each of the recommendations included comparisons of repair alternatives or replacement methods based on industry's best standard or common practices. A rough order planning level cost estimate for each recommendation was also be developed based on the level of intervention required such as repair, rehabilitate or replace.



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Main Plant and Paradise Cove Plant CIP Assessment and Occupancy Optimization Evaluation and Recommendations Project Proposal

Sanitary District No. 5 of Marin County

7 October 2022

→ The Power of Commitment



655 Montgomery St, Suite 1010
San Francisco, California 94114
United States
www.ghd.com



October 7, 2022

Mr. Tony Rubio
District Manager
Sanitary District No.5 of Marin County
PO Box 227
Tiburon, CA 94920

RE: Proposal for Main Plant and Paradise Cove Plant CIP Assessment and Occupancy Optimization Evaluation and Recommendations Project

Dear Tony,

GHD Inc (GHD) is pleased to submit our team's proposal to the Sanitary District No. 5 of Marin County (SD5) for the subject project. The team assembled by GHD includes key members with extensive relevant project experience with clients in the Bay Area and proven experience with similar projects across California and the USA.

We welcome the opportunity to bring a high quality and efficient service to SD5.

Wastewater Treatment Master Planning and CIP Planning. GHD has previously delivered a wide range of wastewater treatment master planning and water agency CIP projects in California. Our project references and proposed staff resumes speak to the breadth and depth of knowledge of our staff. Frederick Tack is GHD's Technical Director for Wastewater Treatment in the US West. Frederick brings a crucial blend of detailed technical expertise, practical construction experience and an operational perspective to wastewater treatment projects. Frederick will lead the various technical aspects of the Capital Improvement Plan (CIP). Jill Kjellsson is an experienced civil engineer and CIP planner who brings a multi-disciplinary approach to CIP planning. Having prepared numerous CIP evaluations for water agencies in the past, Jill's involvement in the team will bring together the various SD5 projects into a well-documented plan.

Experienced in the Occupational Assessment of Buildings for Water Agency Treatment Facilities.

Kyle Morris is one of GHD's own architects who has experience in occupational assessments of office buildings in the context of treatment facilities for water agencies. Kyle will lead the occupational assessment of SDMC5's facilities and outline the necessary requirements for future augmentations of office/amenity/laboratory spaces, if required.

Strong Local Project Management Helps in Project Success. GHD has been active in delivering wastewater treatment projects in Northern California for over 50 years. 75% of our projects have been delivered for repeat clients. We understand the strength of local project delivery to meeting our client's expectations. For SD5 our local project management team will consist of Mary Martis (QA Manager) who knows the SD5 team and facility as well as Jack Sutton who will be the local project manager. Both are based in our San Francisco office (Jill is located in our Santa Rosa office) and will keep the GHD team on track and provide effective means of communication with SD5.

Local Presence, Global Network This project will be delivered by a local team with access to design and construction cost information from a variety of projects that have been delivered across California, the USA and the globe. GHD has local design and construction management experts with understanding of Bay Area price considerations and trends. This will be imperative in the development of budgetary estimates for potential wastewater treatment CIP projects that are identified during the staff interviews. GHD has the ability to draw on a large range of reference information to provide SD5 with realistic budgetary figures for the CIP plan.

We are confident that our team's proven success on similar projects across the United States, California, and the Bay Area, along with our local presence provides a unique value proposition to SD5. Please feel free to contact Mary with any questions regarding GHD's proposal.

Regards,



Mary Martis
Quality Manager
858-442-1673
Mary.martis@ghd.com



Abhay Hanamsagar
Business Group Leader – US West Water and Wastewater Treatment
949 585-5215
abhay.hanamsagar@ghd.com

We have reviewed and agree to comply with the Marin County Sanitation District No. 5's sample services agreement and insurance requirements.
This proposal is a firm offer for a period of **90 days** from the date submitted.

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Firm Overview

About GHD

GHD provides planning and engineering, environmental, advisory, digital, and construction services to private and public sector clients. Operating globally and delivering services locally, we offer clients the ability to develop a working relationship with our local staff while having access to our global experience base. Put simply, we work where our clients work, for the betterment of the Communities served by our clients.

90+ years in operation
135+ countries served
200+ offices worldwide
\$2.3^B revenue 2020
5 global markets
10^K people
50+ service lines

↳ Providing engineering, environmental, advisory, architecture, digital and construction services

Firm Information

Established in 1928, GHD is a wholly-owned subsidiary - a privately held international engineering firm owned by our people and operating across five continents. We are one of the world's leading professional services companies operating in the global markets of Transportation, Water, Energy & Resources, Environment, and Property & Buildings. Our people can offer decades of knowledge, as well as a deep understanding of the challenges facing businesses and communities today. We deliver projects with high standards of safety, quality, and ethics across the entire asset value chain. Driven by a client service-led culture, we connect the knowledge, skill, and experience of our people with innovative practices, technical capabilities, and robust systems to create lasting community benefits.

GHD California Office Locations

- Cameron Park
- Concord
- Eureka
- Fresno
- Irvine
- Long Beach
- Redding
- Roseville
- Sacramento
- San Diego
- San Francisco
- San Luis Obispo
- Santa Rosa



Committed to You

GHD is dedicated to understanding and helping our clients achieve their goals. We are committed to sustainable development, safety, and innovation. We care for the well-being of our people, assist communities in need, and conduct business in an ethical and environmentally responsible manner. We can also offer our clients the confidence and peace of mind that comes from the fact that GHD is ranked 28th in the “Top 150 Global Design Firms” by *Engineering News-Record* in 2021.

#08 in Canada firms
#10 in US firms
#06 in water
#06 in sewer/waste
#05 in hazardous waste

↳ We rank #28 in the Top 150 Global Design Firms 2021

Repeat Business

The cornerstone of our business is our client-centered culture and teamwork-based approach known as “One GHD”. We are proud of our long tradition of repeat, local government clients. A full 90% of our clients are municipal agencies or government entities, and 75% of our work comes from repeat clients. We believe this illustrates not only our knowledge of specialized engineering disciplines, but also our willingness to listen and respond to individual client needs. Each of our project managers is an advocate for his or her client through the planning, design, permitting, and construction process.

Project Team

GHD Team Structure and Members

Based on our understanding of your project needs, we propose a team structure that spans the anticipated wastewater treatment, CIP planning, and architectural services. The organizational chart below details our proposed team, including disciplinary-based roles tailored to your project. Many of our team members have worked together on other projects and additional staff may be called on if needed/desired.

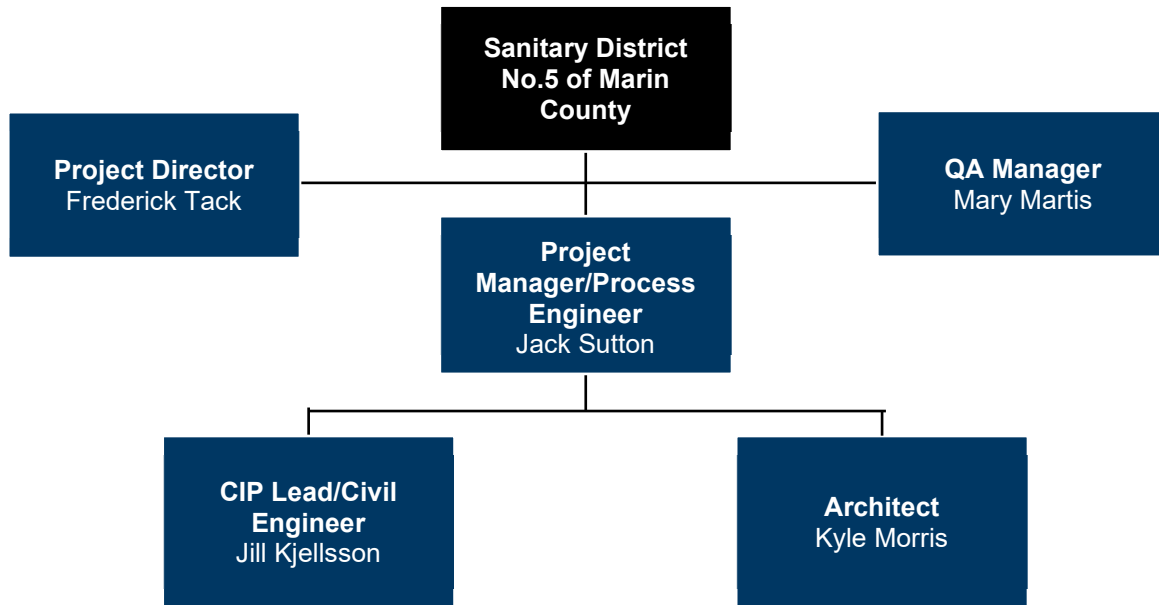
Resumes

We have also provided full, detailed resumes for all staff on our organizational chart in **Appendix A**.

Continuity of Personnel

We are committed to keeping the same project team we are proposing. Should an unexpected change result in a team member being unavailable to serve SD5 on this project, we are backed with the resources of a global network. No changes will be made to the project team without consent by SD5.

Organizational Chart



Key Personnel

GHD is fully staffed and capable of providing the right services to our clients in a timely fashion. For this contract, we have identified the project team who will serve MCD5 in the following staffing plan. We have also provided full, detailed resumes for key staff only in **Appendix A**.



Frederick Tack, MS, PE, D.WRE, ENV SP, M.ASCE

Project Director

Frederick serves as a Technical Director, Project Director, and Associate with GHD and leads a team of engineers, operators, designers, and water professionals in the planning, engineering, operations, management, and compliance of water and wastewater treatment infrastructure across the U.S West. He is a demonstrated professional, having led the development and execution of similar projects, with similar scale and complexity. He is a field to finish, multi discipline professional who has led the design of over 135 projects including 32 water treatment and 37 wastewater treatment facility expansions, optimizations, or rehabilitation, 15 Assessment and CIP development projects. He has sealed over 290 design documents in the past 10-years. Also, as a certified operator, he has led the day-to-day the operations, maintenance, and compliance of public and private water utilities.



Mary Martis, MS, PE

QA Manager

Based in San Francisco with more than 25 years experience in the wastewater industry, Mary brings a unique and local perspective to projects through her experience working as a district engineer supporting the operations of two WWTP's, as a developer for a national biosolids management company, and as a technology leader for two large equipment manufacturers. Her wastewater treatment plant operations background lends itself to a design eye that considers people movement, how plants can best be navigated, and resources needed to run the critical operation. Mary has a long history of working with agencies to create forward-thinking, creative programs to address complex challenges, and has assisted with the capture of millions of dollars in grant funding to support those projects / programs. Mary's background specifically includes experience working on SD5 projects. During her previous role, Mary served as Project Manager and Technical Lead; helping to develop a long-term biosolids management strategy to secure a sustainable pathway for biosolids disposal as part of SD5 Biosolids Management and Future Biosolids Master Plan.



Jack Sutton

Project Manager/Process Engineer

Jack is based in San Francisco and has over six years' experience within the municipal water and wastewater industry, including consulting experience relating to project management, treatment plant capacity assessments, upgrade strategies, concept and detailed design projects. Jack's experience as a former treatment plant operator provides him with a strong understanding of the challenges faced by water authorities from an operations and maintenance perspective.



Jill Kjellsson, PE, LEED AP BD+C

CIP Lead/Civil Engineer

Jill Kjellsson is a water resources engineer based in Santa Rosa with eight years of post-graduate experience focused on strategic planning projects for stormwater, wastewater, water, and water reuse, including utility master planning, capital improvement project planning, and asset management. She has a strong background in CIP planning and delivery across stormwater, collection system, and wastewater treatment plant projects. She also has experience in developing and executing risk frameworks to prioritize capital project, rehabilitation, and operations and maintenance programs.



Kyle Morris, AIA, NCARB

Senior Architect

Kyle has more than 16 years' experience in architectural design and construction. His experience includes numerous municipal and industrial projects centered around water and wastewater treatment facilities. He has extensive experience with building condition surveys and assessments of existing facilities.

Similar Project Experience and References

GHD has been active in the planning, design, and development of numerous wastewater treatment projects in Northern California for over 50 years. We are a recognized leader in the delivery of multi-discipline master planning and CIP planning projects for water agencies. The map below shows an overview of these type of projects that GHD has delivered in California.



Figure.1 Water Agency Master Planning and CIP Projects

Sensitive to community and agency concerns, we offer strong project management to keep projects on schedule and within budget. GHD’s “total project” expertise and service-oriented approach will be vital to the execution of work required for this contract. We are equally adept at large or small project delivery and have extensive experience acting as a trusted advisor to our clients. The projects listed below provide some recent examples (within last four years) and client references of our wastewater treatment and CIP planning experience.

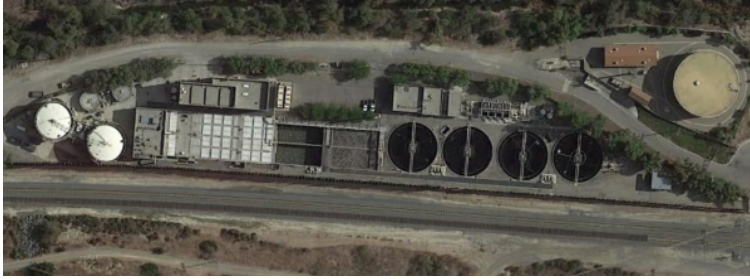


Redway Community Services District WWTW Upgrades Masterplan | Redway, CA, USA

GHD undertook a capacity and condition analysis of the Redway wastewater treatment works. Various upgrade projects were identified to maintain plant compliance and replace assets at the end of their useful life. Potential alternatives were considered and compared through a cost analysis. The outcome of this study was a list of recommended projects/budgets that have since been approved by the State Water Resources Control Board to be

advanced to design and construction. GHD was retained to design a new mechanical inlet works with screening and grit removal, upgrade the oxidation ditch aeration, replace miscellaneous clarifier mechanical equipment, construct a new clarifier flow splitter, upgrade sludge pumps, provide larger capacity effluent pumps and provide a greenhouse cover for the sludge beds to enhance drying.

Client: Cody Cox, Redway Community Services District, Water/Wastewater Director, M: 707-923-3101, ccox.rcsd@gmail.com | **Date:** 2021-2022 | **Value:** \$415,000



WRP Assessment & CIP Development | Laguna Niguel, CA, USA

GHD undertook an evaluation, condition assessment, planning, and preliminary design of the solids stream processes, including the sludge thickening, digestion, dewatering, and digester gas energy systems at the 3A WRP for Moulton Niguel.

GHD was retained by Moulton Niguel Water District to provide owners and engineering services to support Capital Improvement Project (CIP) planning, scoping, and execution for the 3A WRP CIP Program at the 6-MGD conventional suspended activated sludge facility. The results were used to size the projects and define the delivery methods prior to issuing the Requests for Proposal (RFPs).

Client: David Larsen, Moulton Niguel Water District, Engineering Manager, T: 949-425-3578, dlarsen@mnwd.com | **Date:** 2018-2019 | **Value:** \$75,000 (Design only)



Water & Sewer Master Plans Phase 3 | McKinleyville Community Services District, CA, USA

Phase 3 of the Water & Sewer Main Line Rehabilitation Master Plans are separate Master Plans which provide a schedule for implementing replacements, rehabilitation, and upgrades to the McKinleyville Community Service District's (MCSD) water distribution and wastewater collection system main lines and appurtenances for the next 50 years. Phase 3 of the MPs provide a variety of information, including:

- Determination of pipe condition
- Evaluation of prioritization based on risk considering all of the triple bottom line categories
- Updated yearly project cost
- Revised schedule for the first 50 years of main line replacement

GHD developed and applied a Risk Framework to the linear assets in the MCSD water and sewer systems. The framework considers the Probability of Failure and Consequence of Failure and assigns scores to each pipe. Probability of Failure considers the physical mortality failure and uses condition information from physical testing of sample pipes to assign scores. Consequence of Failure considers Triple Bottom Line categories and assigns values to each pipe using geospatial analysis and proximity to various data layers; for example, critical customers and sensitive habitats like rivers and waterbodies. The scores are then used to calculate the Business Risk Exposure scores. The risk scores are used to prioritize the rehabilitation of the system. The updated condition information and risk-based approach to CIP project planning provides MPs that guide MCSD to address the assets in their systems that pose the highest risk first.

Client: Pat Kaspari, MCSD, T: 707-839-3251, pkaspari@mckinleyvillecsd.com | **Date:** 2020-2022 | **Value:** \$72.5K (Phase 3 only)



Water Treatment Plant Office Evaluation | Village of Skaneateles and City of Syracuse, NY, USA

Occupational assessment of the existing facilities to determine if a combined treatment plant and pump station facility were feasible. GHD assessed the square footage requirements and spatial needs based on personnel of different groups. GHD also assisted in developing a conceptual design for the renovation and additions to the existing facility to accommodate office requirements.

Client: Joseph Awald, PE, Commissioner of Water, City of Syracuse Dept. of Water, JAwald@syr.gov | **Date:** 2022 | **Value:** \$ 265,000



North WTP Assessment and CIP Development | Gilbert, AZ, USA

GHD was retained to complete a facility-wide condition assessment of the physical infrastructure at the North WTP. GHD undertook the facility-wide condition assessment, including all facility components, from buildings, to structure, piping, mechanical, electrical I&C, process, safety and security, site, and drainage systems at the 45 MGD North WTP. The results were used to develop a matrix of the recommended CIP's.

Client: Jeanne Jensen, CIP Supervisor, Town of Gilbert, T: 480-503-6198, Jeanne.jensen@gilbertaz.gov | **Date:** 2018-2019 | **Value:** \$ 465,000

Business References

The table below provides a list of client references who can attest to GHD’s ability to deliver wastewater treatment master planning and CIP planning projects.

AGENCY	CONTACT	TELEPHONE	EMAIL
Redway Community Services District	Codo Cox	T 707-923-3101	E ccox.rcsd@gmail.com
Moulton Niguel Water District	David Larsen	T 949-425-3578	E dlarsen@mnwd.com
McKinleyville Community Services District	Pat Kaspari	T 707-839-3251	E pkaspari@mckinleyvillecsd.com
City of Syracuse Dept. of Water	Joseph Awald	T 315-473-2860	E JAwald@syrgov.net
Town of Gilbert	Jeanne Jensen	T 480-503-6198	E Jeanne.jensen@gilbertaz.gov

Technical Report Estimated Cost

GHD estimate that the effort to complete the scope of work outlined in the RFP will be based on time and materials not to exceed **\$32,928**. The table below shows a breakdown of the hours and rates of staff involved in this project.



Main Plant and Paradise Cove Plant CIP Evaluation and Occupancy Evaluation

12594920

Description		Frederick Tack (PD)	Mary Martis (QA Manager)	Jack Sutton (PM/Process Engineer)	Jill Kjellsson (CIP Lead/Civil Engineer)	Kyle Morris (Architect)	Total Hours	Labor Total	Disb. Fee	Total Disb.	Estimated Project Total
		\$283	\$340	\$195	\$237	\$237					
Task1		5	0	24	16	0	45	\$9,887	\$593	\$766	\$10,653
Subtask 1.1	Document and data review	0	0	4	4	0	8	\$1,728	\$104	\$104	\$1,832
Subtask 1.2	Plant tour and interviews	1	0	12	12	0	25	\$5,467	\$328	\$501	\$5,968
Subtask 1.3	Identify other potential WWTP projects and develop Class V budget costs	4	0	8	0	0	12	\$2,692	\$162	\$162	\$2,854
Task2		7	4	8	30	16	65	15803	948.18	948.18	16,751
Subtask 2.1	Draft technical CIP report	2	2	2	16	0	22	\$5,428	\$326	\$326	\$5,754
Subtask 2.2	Occupancy Assessment	0	0	0	2	16	18	\$4,266	\$256	\$256	\$4,522
Subtask 2.3	Final technical report	1	0	2	4	0	7	\$1,621	\$97	\$97	\$1,718
Subtask 2.4	Present to board of directors	4	2	4	8	0	18	\$4,488	\$269	\$269	\$4,757
Task3		4	2	15	2	0	23	5211	312.66	312.66	5,524
Subtask 3.1	Project Management	2	0	13	0	0	15	\$3,101	\$186	\$186	\$3,287
Subtask 3.2	Kick-off Meeting	2	2	2	2	0	8	\$2,110	\$127	\$127	\$2,237
Total Labor Hours		16	6	47	48	16					
Estimated Project Total		\$4,528	\$2,040	\$9,165	\$11,376	\$3,792	133	\$21,014	\$1,261	\$1,261	\$32,928

Appendix A

Resumes



Frederick Tack MS, PE, D.WRE, ENV SP, M.ASCE

Project Director



Location

Phoenix, AZ

Experience

21 years

Qualifications/Accreditations

- Water Leadership Institute Graduate, Water Environment Federation (WEF)
- Master of Science, Civil, Environmental & Sustainable Engineering, Arizona State University, Tempe, AZ
- Bachelor of Science Engineering, Civil Engineering (Minor: Urban & Environmental Planning), Arizona State University, Tempe, AZ
- Registered Professional Engineer (Civil), AZ #53976, CO #52036; TX #135978
- Board Certified Diplomate, Water Resources Engineer (D.WRE) of the American Academy of Water Resources Engineers #000777
- ADEQ Certified Water and Wastewater Operator (4D, 4T, 4C, 4W), ADEQ # OP032433
- Certified Envision™ Sustainability Professional (ENV SP), Institute for Sustainable Infrastructure, 2016

Key technical skills

- Conventional & Advanced Wastewater Treatment Assessment, Design, and Operations
- Infrastructure Condition Assessment & Rehab
- Wastewater Treatment Facility Master Planning
- Hydraulic Modeling & Analysis
- Asset & Maintenance Management

Memberships

- National Society of Professional Engineers (NSPE); AZ Chapter President-elect
- American Society of Civil Engineers (ASCE); Phoenix Branch Past President 2016 – 2017
- International Concrete Repair Institute (ICRI)
- Society For Maintenance and Reliability Professionals
- WEF, Literature Review Committee

Relevant experience summary

Frederick serves as a Technical Director, Project Director, and Associate with GHD and leads a team of engineers, operators, designers, and water professionals in the planning, engineering, operations, management, and compliance of water and wastewater treatment infrastructure across the U.S West. He is a demonstrated professional, having led the development and execution of similar projects, with similar scale and complexity. He is a field to finish, multi discipline professional who has led the design of over 135 projects including 32 water treatment and 37 wastewater treatment facility expansions, optimizations, or rehabilitation, 15 Assessment and CIP development projects. He has sealed over 290 design documents in the past 10-years. Also, as a certified operator, he has led the day-to-day the operations, maintenance, and compliance of public and private water utilities.

WRP Assessment & CIP Development

Technical Director

Moulton Niguel Water District | Niguel, CA | 2018-19

Served as Technical Lead for the evaluation, condition assessment, planning, and preliminary design of the solids stream processes, including the sludge thickening, digestion, dewatering, and digester gas energy systems at the 3A WRP for Moulton Niguel.

GHD was retained by Moulton Niguel Water District to provide owners and engineering services to support Capital Improvement Project (CIP) planning, scoping, and execution for the 3A WRP CIP Program. At the 6-MGD conventional suspended activated sludge facility The results were used to right-size the projects, defined

the delivery methods, phasing and packaging, prior to issuing the Requests for Proposal (RFPs).

SPA-1 Headworks Evaluation & Improvements

Project Director

City of Surprise | Surprise, AZ | 2019-2020

GHD was procured by the City of Surprise, Arizona to complete an evaluation of the headworks at the 18-MGD SPA 1, Water Reclamation Facility (WRF). GHD completed field assessments, hydraulic and screening evaluation, and developed an updated basis of design for the headworks. GHD develop multiple alternatives to correct the deficiencies, included changes to the hydraulics and operational procedures, removing the fine screens, and installing coarse mechanical screens.

OWTP Clarifier Rehabilitation and Improvements

**Project Manager, Technical Director
City of Oxnard | Oxnard, CA | 2021 – 2022**

GHD lead the evaluation, alternatives development, preliminary, and final design of the rehabilitation and improvements of four primary clarifiers and associated systems at the 31.7-MGD WWTP.

OWTP Coagulation Enhanced Primary Treatment Optimization and Feasibility Study

**Project Manager, Technical Director
City of Oxnard | Oxnard, CA | 2021 – 2022**

Frederick served as the project manager, responsible for client and GHD resource coordination, project metrics, and performance. As the technical director, he was responsible for directing and validating the technical design approach, methodology, and calculations related to the evaluation and improvement of the existing CEPT.

91st Avenue WWTP Digester Rehabilitation Program

**Project Manager, Technical Lead
City of Phoenix | Phoenix, AZ | 2010 – Ongoing**

GHD has completed the assessment and prioritization of the last eight digesters to be rehabilitated in the current program and has completed the rehabilitation of four over the past eight years, with four digesters remaining in the program at the 230 MGD WWTP.

Oxnard WWTP Reliability Improvements Peer Review

**Project Manager
City of Oxnard | Oxnard, CA | 2020**

Served as Project Manager to lead multi-discipline peer review and Owner's Engineering services relating to the Oxnard WWTP Reliability Improvement project, as designed by others through a design-bid-build delivery process. Improvements at the 32-MGD WWTP.

Recycling Plant 1 Digester 6 & 7 Roof Repairs

**Technical Lead
Inland Empire Utilities Agency | Ontario, CA | 2017-2020, 2021-2022**

Responsible for leading the civil, mechanical, process, and structural assessments for the rehabilitation design for the digester and related appurtenances. This included the development of the plans and specifications for advanced structural and coating rehabilitation, and mechanical systems.

Wastewater Collection CIP Planning Study

**Project Director
Cave Creek Water | Cave Creek, AZ | 2020-22**

Responsible for the technical vision, delivery and execution of additional mapping and assessment of the wastewater collection system, hydraulic modeling and analysis, and development of a 10-year CIP program.

North WTP Assessment and CIP Development

**Project Manager, Technical Director
City of Gilbert | Gilbert, AZ | 2018-2019**

Served as Project Manager and Technical Director to scope and direct each task related to a facility-wide condition assessment, including all facility components, from buildings, to structure, piping, mechanical, electrical I&C, process, safety and security, site, and drainage systems at the 45 MGD North WTP. The results were used to develop a matrix of the recommended CIP's.

Three Lift Station Assessment

**Project Manager, Technical Director
City of Glendale | Glendale, AZ | 2017-2018**

GHD completed the assessment on three lift and determined the prioritization for which infrastructure required immediate attention, and prepared a capital project matrix, including budgetary improvement estimates, durations, and recommended project delivery methods over the next 5 years.

Owner's Engineers Services

**Project Manager, Town Engineer
Town of Wickenburg | Wickenburg, AZ | 2018-Ongoing**

Serves as the Town Engineer, for the Town of Wickenburg, acting as the faithful agent of the Town, responsible for the oversight and development of program management, and operations and maintenance management, CIP planning and environmental compliance of their WWTPs, and water systems.

Rio Verde Utility Acquisition Due Diligence

**Project Manager
EPCOR | Rio Verde, AZ | 2019**

GHD was responsible for supporting the due diligence, relating to the acquisition of the a utility, including the preparation of a replacement cost evaluation of water and wastewater systems, review of existing asset information and previous annual reports. This utility was successfully acquired by EPCOR in 2019.

23rd Avenue WWTP Safety Audit

**Project Manager
City of Phoenix | Phoenix, AZ | 2018**

Responsible for leading a team of engineers, operators, and safety professionals in developing the approach, mapping, and assessment of the 80-acre, 60 MGD facility, including safety assessment for alignment with OSHA 1910 and Water Services Dept. requirements.

Career history

2011 - present	GHD, Technical Director
2009 - 2011	Arizona State University, Designer
2001 - 2009	DZ Engineering, Inc., Designer



Mary Martis PE

US West Biosolids & Organics Lead



Location

San Francisco, CA

Experience

29 years

Qualifications/Accreditations

- MS, Civil & Environmental Engineering, University of Utah, Salt Lake City, UT
- Bachelor of Science, Civil Engineering, University of Utah, Salt Lake City, UT
- Civil Engineer, CA #73150

Key technical skills

- Wastewater Treatment & Resource Recovery
- Biosolids Management Strategy
- Technology Pilots/Demonstration
- Process Design/Troubleshooting

Memberships

- Water Environment Federation
- WEF Residuals & Biosolids
- California Water Environment Association (current CWEA Biosolids Committee Chair)

Relevant experience summary

With nearly 30 years in the wastewater industry, Mary brings a unique perspective to projects through her experience working as a district engineer supporting the operations of two wastewater treatment plants (WWTPs), as a developer for a national biosolids management company, and as a technology leader for two large process equipment manufacturers. Her wastewater treatment plant operations background lends itself to a design eye that considers people movement, how plants can best be navigated, and resources needed to run the critical operation. Mary has a long history of working with agencies to create forward-thinking, creative programs to address complex challenges, and has assisted with the capture of millions of dollars in grant funding to support those projects.

Regional Biosolids Management Facility Feasibility Study

Project Manager
Las Gallinas Valley Sanitary District | San Rafael, CA

Evaluating the District's land assets to determine if its available acreage could support a regional biosolids land application operation or a regional biosolids composting facility. Scope of work includes determining soil capacity of available acreage based on farming grass hay using treated plant effluent for irrigation, and Class B biosolids from multiple agencies as soil amendment.

Biosolids Management Master Plan Update

Technical Lead
Pima County Regional Wastewater Reclamation Department | Tucson, AZ

Updating the 2012 Biosolids Master Plan to include technologies to achieve sustainable long-term sludge processing and residuals management for the County's Tres Rios Water Reclamation Facility (including

upgrading to Class A), while considering alternative means of managing solids from the six other WWTPs operated by the County that currently transport their solids to Tres Rios (including constructing a regional thickening facility). Pima County currently sends its biosolids to landfill and is seeking to diversify its biosolids management portfolio to provide a longer-term plan as regulations become increasingly stringent with regards to biosolids land application (i.e., due to PFAS contamination of groundwater). Served as Technical Lead for evaluating regional solutions.

Biosolids Beneficial Use Pilot Project

Project Engineer
Capital Regional District | British Columbia, Canada

Preparing Request for Information (RFI) for industry response to interest in partnering with CRD to pilot technology for the destruction and/or beneficial reuse of biosolids. Land application of any product containing biosolids has been banned in CRD's service area. Assisting CRD in the development of a strategic plan for long term management of its biosolids. Served as

Mary Martis | US West Biosolids & Organics Lead

Project Engineer responsible for developing technology pilot program.

City of Camarillo Wastewater Master Plan Update

Project Engineer
City of Camarillo | Camarillo, CA

Updating wastewater collection system and treatment plant master plan. Agency has limited options for biosolids disposal so strategic biosolids management plan is included in the scope of work. Served As Project Engineer leading the development of the biosolids management strategic plan.

City of Livermore Water Reclamation Plant Condition Assessment

Principal-in-Charge, Quality Control (QC) Reviewer
City of Livermore Water Resources Division | Livermore, CA

Performed plant-wide Tier I condition assessment of treatment facilities.

City of Livermore Water Reclamation Plant Electronic Operations and Maintenance Manual

Project Manager
City of Livermore Water Resources Division | Livermore, CA

Developed electronic Operations and Maintenance (O&M) manual for water reclamation facility. In addition, identifying opportunities for process improvement.

Odor Control Feasibility Study

Project Manager
Sewerage Agency of Southern Marin | Mill Valley, CA

Developed preliminary design and construction cost estimate for odor control facilities for primary clarifiers, thickener, as well as potential biosolids drying facility. Also performed conceptual design of low temperature biosolids drying system and developed budgetary construction cost estimate.

Project Manager, Design Engineer, Process Design Lead

City of San José | San José, CA

Served as Design Engineer for a \$58 million project to upgrade sixteen (16) 140-foot-diameter secondary clarifiers and 24-inch return activated sludge pipelines, including new electrical and Instrumentation and Control (I&C). Project has advanced from condition assessment, alternatives analyses and preliminary design, through completion of bid documents and is currently under construction. Served as Project Manager and Process Design Lead (clarifiers are being designed to help mitigate serious gas build-up issues).

Biosolids Management and Future Biosolids Master Plan

Project Manager, Technical Lead
Sanitation District No. 5 of Marin County | Tiburon, CA

Developed a long-term biosolids management strategy. New regulations in California requiring diversion of significant quantities of organics (including biosolids) from landfill will result in a 400% increase in needed disposal capacity (e.g., land application). Sanitation District No. 5 desired to develop a long-term biosolids management strategy to secure a sustainable pathway for disposing of its biosolids.

Feasibility Assessment of Upgrading WRP to Granular Activated Sludge (GrAS)

Project Manager
City of Pacifica | Pacifica, CA

Performing alternatives analysis for converting the 20 Mgal/d WRP's existing sequencing batch reactor system to GrAS for the purpose of increasing secondary treatment capacity. Analysis includes evaluating potential impacts of GrAS conversion to plant's auto-thermal thermophilic aerobic digestion and dewatering systems.

Professional Services for O&M Support at the Water Resources Division

Project Manager, Technical Lead
City of Livermore | Livermore, CA

Provided on-call professional services for the City (collection system, stormwater system, and WRP condition assessment; WRP optimization; development of Standard Operating Procedures; development of WRP Rehabilitation and Replacement program; water and recycled water systems evaluation; and source control program).

San Mateo WWTP Upgrade

Quality Assurance / Quality Control (QA/QC) Manager, Design Engineer
City of San Mateo | San Mateo, CA

Served as Design Engineer for \$420 million treatment plant upgrade being delivered through construction management at risk. Treatment plant upgrade includes new equalization and headworks facilities, primary clarifiers, contact stabilization (BioActiflo), membrane bioreactors, and chemical feed systems, including disinfection. Served as QA/QC Manager leading a team of 17 company technical experts in reviewing all project deliverables and supporting calculations as part of a comprehensive quality management program. Project is entering 90% design.



Jack Sutton

BE (INDUSTRIAL CHEMISTRY) (HONS1)
Project Manager/Process Engineer



Location

San Francisco, CA, USA

Experience

6 years

Qualifications/Accreditations

- BE (Industrial Chemistry) (Hons1), UNSW
- University Medal, UNSW

Key technical skills

- Infrastructure planning, strategy design and operations
- Treatment plant modelling
- Biosolids process
- Project management

Memberships

- Organizing committee member for California Water Environment Association 2023 Conference.
- Member of the Australian Water Association (AWA) Newcastle Branch Committee

Relevant experience summary

Jack has over six years' experience within the municipal water and wastewater industry, including consulting experience relating to project management, treatment plant capacity assessments, upgrade strategies, concept and detailed design projects. Jack's experience at Sydney Water grounded him with a background in operations. This has provided him with a solid understanding of the challenges faced by water authorities.

Hunter Water Centralized Biosolids Strategy Cost Benefit Analysis

Role: Project Manager / Process Engineer

Client: Hunter Water

Location: Newcastle, NSW, Australia

Project value: \$450k (consulting fees)

Date(s): March 2020 – March 2021

Project manager for an interdisciplinary centralized sludge management strategy for Hunter Water. The strategy assessed replacing BAU sludge management of decentralized aerobic digestion at ten WWTWs with a centralized anaerobic/gasification facility (26 dry solid tons of WAS per day) to reduce lifecycle costs and achieve carbon neutrality targets. This project received high client praise and won 'Best Poster' project at the 2022 NSW AWA State Conference. The project involves:

- Master planning to determine loads from WWTWs, septic tankers as well as industrial/agricultural/municipal organic wastes for co-digestion
- Technology shortlisting – anaerobic digestion, thermal hydrolysis, dry digestion, pyrolysis, gasification, were considered
- Site shortlisting considering environmental constraints, truck movements, site redundancy, subsidence/geotechnical issues, renewable energy recovery generation, biosolids application sites

- Development of novel mass and energy balance models for unconventional technologies.
- Adaptive planning framework to develop options resilient to future uncertainties i.e. market volatility, load changes and regulatory changes
- Cost benefit analysis of a number of options compared to the base case of decentralized aerobic digestion.

Redway Community Services District Wastewater Treatment Facilities Upgrades

Role: Design Manager / Process Engineer

Client: Redway Community Services District

Location: Redway, California, United States

Project value: \$150k (consulting fees)

Date(s): March 2022 – Ongoing

The existing WWTF was identified to have several deficiencies and assets nearing end of life. GHD is designing a new mechanical inlet works with screening and grit removal, upgrading the oxidation ditch aerator, replacing miscellaneous clarifier mechanical equipment, sludge pumping upgrades, effluent pumping upgrades and adding a greenhouse cover for the sludge beds to enhance drying. Jack is serving as the design manager, coordinating process, civil, structural and electrical disciplines. Jack is undertaking the process/mechanical design (including BioWin process modelling).

Wickenburg South WWTP UV Disinfection Design

Role: Project Engineer
Client: Town of Wickenburg
Location: Wickenburg, Arizona, United States
Project value: \$105k (consulting fees)
Date(s): January 2022 – June 2022

Based on population growth projections and demand, the UV system at Wickenburg treatment plant will need to be upsized from 0.8 MGD to 1.3 MGD. Additionally, the plant is experiencing operational issues and would like to replace the UV equipment and configuration based with newer UV technology available on the market. GHD is conducting the design of the new UV disinfection system. Jack was responsible for the process design, designing the effluent pump station, liaising with Trojan to develop the UV disinfection design and is supporting the hydraulic profile development.

Review of Recycled Water and Stormwater Harvesting Systems

Role: Process Engineer / Project Manager
Client: Central Coast Council
Location: Wyong, NSW, Australia
Project value: \$55k (consulting fees)
Date(s): October 2019 – January 2020

Jack managed a team of consultants to provide Central Coast Council (CCC) with a comprehensive strategy to prioritize investment for their various recycled water and stormwater harvesting systems. This project received high praise from the client (5/5 survey feedback) The project involved:

- Site audits to investigate condition of assets and operational efficiencies
- Process capacity assessments and data analysis to assess historical quality compliance
- Status of the schemes and cost estimates to maintain s292 approval
- Investigation of future demand through a GIS study and liaising with nearby industrial and commercial entities

Selfs Point Sewage Treatment Plant Concept Design

Role: Process Engineer
Client: TasWater Capital delivery office
Location: Hobart, Tasmania, Australia
Project value: \$500k (consulting fees)
Date(s): June 2021 – February 2022

TasWater is seeking to expand the existing Selfs Point STP to accommodate predicted flow from the existing Selfs Point and accommodate flow from the decommissioned Macquarie Point STP. This translated to a major process augmentation at Selfs Point STP (8 ML/d -->24.9 ML/d). Jack was

responsible for portions of the design development including:

- Dynamic BioWin modelling and bioreactor/MBR configuration selection and sizing
- Modelling of the impacts of a range of tankered high strength industrial wastes on the process.
- Secondary treatment and aeration system sizing
- Sludge thickening, digestion, biogas, sludge heating and dewatering sizing
- Tankered waste receival facility design
- Development of mass and energy balances
- Development of P&IDs

Stuarts Point Sewage Treatment Options Study, Concept and Reference Design

Role: Project Manager / Process Engineer
Client: Kempsey Shire Council
Location: Kempsey, NSW
Project value: \$350k (consulting fees)
Date(s): July 2019 – November 2021

Jack worked with Kempsey Shire Council to prepare options, concept and a reference design for a Greenfield sewage treatment plant at Stuarts Point, involving:

- Determination of current and future population projections in the catchment, including holiday and off-peak periods.
- Development of options including Biowin™ modelling of IDEA, SBR, MBR and MLE processes as well as multiple sludge management options.
- Concept and reference design and design co-ordination of electrical, civil, process, surveying and geotechnical disciplines.

Kurri Kurri Wastewater Treatment Works Upgrade Detailed Design and Construction

Role: Process Engineer
Client: Hunter Water
Location: Newcastle, NSW, Australia
Project value: \$1.2M (consulting fees)
Date(s): July 2019 – February 2020

Jack was the process engineer for the detailed design of upgrades at Kurri Kurri WWTW. These upgrades included provision of a third clarifier, new RAS pumps, two bioreactor aeration blowers/associated pipework, a wet weather return pump station and interfacing infrastructure. Specific tasks Jack completed include:

- Basis of design and treatment plant model development
- Process flow diagram, mass balance and P&IDs
- Detailed design of clarifier, secondary aeration and bypass/wet weather control
- Design basis, HAZOP, CHAZOP workshops
- Automatic Control and Monitoring Manual



Jill Kjellsson PE, LEED AP BD+C

Civil Engineer



Location

Santa Rosa, CA

Experience

8 years

Qualifications/Accreditations

- MS, Environmental and Water Resources Engineering, University of Texas, Austin, TX, 2014
- MS, Public Affairs, University of Texas, Austin, TX, 2014
- BS, Environmental Engineering, California Polytechnic State University, San Luis Obispo, CA, 2011
- Civil Engineer, CA #90789
- Leadership in Energy and Environmental Design Accredited Professional (LEED AP) Building Design and Construction (BD+C)

Key Technical Skills

- Strategic Planning
- Utility Master Planning
- Capital Improvement Plan Development
- Asset Management

Memberships

- WaterReuse
- American Society of Civil Engineers

Relevant experience summary

Jill Kjellsson is a water resources engineer with eight years of post-graduate experience focused on strategic planning projects for stormwater, wastewater, water, and water reuse, including utility master planning, capital improvement project planning, and asset management. She has experience in developing and executing risk frameworks to prioritize capital project, rehabilitation, and operations and maintenance programs.

Vallejo Flood and Wastewater District Asset Management Program

Water Resources Engineer

Vallejo Flood and Wastewater District | Vallejo, CA

The asset management strategic plan includes development of the asset management framework, levels of service, current state evaluation, risk framework, need identification and prioritization, and Operations and Maintenance (O&M) investment need requirements. Jill supported the project by participating in workshops to determining condition ratings, and finalizing the asset hierarchy, condition ratings, and consequence of failure in conjunction with the new Computerized Maintenance Management Systems (CMMS) implementation.

Pump Station and Conveyance Master Plan

Water Resources Engineer

Monterey One Water | Monterey, CA

This project is a comprehensive physical condition assessment of the pump station and conveyance system assets to identify near-term risks and mitigation strategies, and to support a long-term asset management program that identifies sustainable funding needs. As engineer on the project, Jill worked with M1W to identify desired Levels of Service (LOS), apply the Business Risk Exposure (BRE) framework, and develop a prioritized CIP of recommended near-term projects and a long-term investment profile that includes capital projects, corrective and preventative maintenance, and predicted renewal and replacement investments.

Pure Water Monterey Asset Management Program

Water Resources Engineer

Monterey One Water | Monterey, CA

Monterey One Water, aided by extensive regional collaboration, most notably the Monterey Peninsula Water Management District and Marina Coast Water District, is the lead agency for a significant \$100 million integrated water recycling program composed of four

ongoing projects, collectively called the Pure Water Monterey Groundwater Replenishment project. Jill developed asset register hierarchy and populated with assets from the treatment plant building off of the framework developed as part of the Pump Station and Conveyance System Master Plan.

Regional Water Reuse System Master Plan

Engineer

City of Santa Rosa | Santa Rosa, CA

GHD was retained to assist the City in creating a comprehensive and forward-looking master plan for the Regional Water Reuse System that reflects current conditions and drivers, and anticipates potential regulatory changes, to provide a roadmap for future investments. The primary objectives of the master plan are to consolidate information on the Regional Water Reuse System into a single reference document, evaluate alternatives for implementing the identified strategies with the purpose of optimizing operations and maximizing resource recovery, and develop a prioritized CIP of recommended projects with budgetary costs.

City of Berkeley Sewer Master Plan

Water Resources Engineer

City of Berkeley | Berkeley, CA

GHD developed a full system model using advanced hydraulic modeling software InfoWorks ICM and asset management planning tool InfoAsset Planner. Jill worked on the development and implementation of a risk framework to the collection system assets in order to prioritize capital improvement projects and the City's infiltration and inflow reduction program. The risk framework was developed through a series of workshops with the City to identify desired levels of service and business risk exposure thresholds. The risk model leverages a Geographic Information System (GIS) geodatabase with pipe age, material, and diameter; hydraulic model output for existing and future scenarios; and Closed-Circuit Television (CCTV) inspections for data-driven investment decisions.

Napa Sanitation District Asset Management Strategic Plan

Water Resources Engineer

Napa Sanitation District | Napa, CA

The asset management strategic plan provides a roadmap for incrementally adopting recommended tools and practices at a pace that minimally disrupts ongoing operations and provides a formal and transparent basis for making investment decisions. The roadmap is based on findings from an initial gap assessment against ISO 55001:2014 and incorporates recognized best practices in areas where the District wants to improve its approach to managing its physical assets.

MCSD Water and Sewer Master Plans Phase 3

Water Resources Engineer

McKinleyville Community Services District | McKinleyville, CA

Jill served as project engineer for Phase 3 of the water and sewer master plans for the McKinleyville Community Services District (MCSD). Phase 3 effort included collection of soil samples and pipe samples and laboratory testing to assess pipe condition. A risk framework was developed which was applied to all linear assets and a prioritized rehabilitation plan, including planning level opinions of probable cost, was prepared and presented in master plan reports for each system over a 50-year planning horizon.

City of Rohnert Park Sewer Collection System Master Plan

Water Resources Engineer

City of Rohnert Park | Rohnert Park, CA

This project is a comprehensive evaluation of the City's sewer collection system to identify near-term risks, mitigation strategies, and capacity needs, and to support a program that identifies sustainable funding needs for a long-term planning horizon. Work included applying an asset management framework to develop capital improvement projects.

Town of Windsor Collection System Planning

Project Manager, Engineer

Town of Windsor | Windsor, CA

Served as Project Manager and Engineer for Phase 3 of a comprehensive planning effort for the Town's sewer collection system. The third phase involved collaboration with various Town staff for data collection and analysis. The project tasks included gathering land use planning information, development of recommended capital improvement projects, completion of the master plan report document and presentation to Town Council.

Town of Windsor Storm Drainage Master Plan

Project Manager, Engineer

Town of Windsor | Windsor, CA

Served as Project Manager for the second phase of the Storm Drainage Master Plan for the Town of Windsor. Modeling efforts included data collection using cloud-based ArcServer GIS resources and aerial survey data, 2D modeling with DHI MIKE software (combination of MIKE URBAN, 11, and 21), and preparation of a capital improvement program. GHD's efforts increased the accuracy of the models and associated recommendations in the Town's Storm Drain Master Plan, which is used to identify CIP's and avoid future flooding.



Kyle R. Morris AIA, NCARB

Senior Architect



Location

Syracuse, NY USA

Experience

16 years

Qualifications/Accreditations

- BS Architectural Engineering, 2006
- Registered Architect, 2017

Key technical skills

- Building code and life safety analysis
- Construction management and administration
- Building condition evaluation and assessments

Memberships

- American Institute of Architects (AIA)
- National Council of Architectural Registration Boards (NCARB)

Relevant experience summary

Kyle has more than 16 years' experience in architectural design and construction. His experience includes numerous municipal and industrial projects centered around water and waste water treatment facilities. He has extensive experience with building condition surveys and assessments of existing facilities.

Project experience – Water Treatment Facilities

Water Treatment Plant Evaluation

Role: Architect

Client: Village of Skaneateles and the City of Syracuse

Location: Skaneateles, NY USA

Evaluation of the existing facilities to determine if a combined treatment plant and pump station facility were feasible. Determined square footage requirements and spatial needs based on personnel of both groups. Assisted in developing a conceptual design for the renovation and additions to the existing facility to accommodate office requirements.

Danbury Water Treatment Plant Evaluation

Role: Architect

Client: City of Danbury

Location: Danbury, CT, USA

Evaluation of the existing Margerie WTP and West Lake WTP facilities. Existing life safety, accessibility, building envelope, and interior finish conditions were evaluated to develop a report that outlined each recommendation. Opinion of probable cost of construction was provided for each recommendation.

Lake Ontario Water Treatment Plant Improvements

Role: Architect

Client: Onondaga County Water Authority

Location: Oswego, NY, USA

Design of numerous accessibility and life safety improvements required for the facility. The project included an elevator addition to provide handicapped accessibility to the upper floor laboratory and office area.

Auburn Water Filtration Plant Improvements

Role: Architect

Client: City of Auburn Department of Utilities

Location: Auburn, NY, USA

Improvements include accessibility upgrades at the Rapid Sand Filter Building along with renovations to the aging +100-year-old building Slow Sand Filter Building. Renovations recognize the historical nature of the project. The goal is to restore the deteriorated building back to its former prominence. Upgrades to the building envelope and interior conditions were crucial to the performance of the facility.

Batavia Water Treatment Plant Upgrades

Role: Architect

Client: City of Batavia

Location: Batavia, NY, USA

Improvements included brick veneer and masonry repairs, rehabilitation, and replacement to an existing ornate building. Other improvements included were roofing replacement and structural repairs to multiple buildings.

Buffalo Water Treatment Plant Disinfection Conversion

Role: Architect

Client: City of Buffalo

Location: Buffalo, NY, USA

Architectural improvements included decorative stone masonry repairs and cleaning of the historic Colonel Ward Pumping Station. Removable skylight design and roof replacement in the North and South Courtyards areas to maintain building envelope and access to the new chemical storage area below.

Project experience – Waste Water Treatment Facilities

Women's Locker Room Evaluation

Role: Architect

Client: City of Watertown Water Pollution Control Plant

Location: Watertown, NY, USA

Project intent was the evaluation of the existing conditions and determine the feasibility of a women's locker room renovation within the Control Building. Developed a conceptual design based on code requirements and facility personnel needs for the increasing female staff.

Building Condition Assessment

Role: Architect

Client: Town of Cazenovia Water Pollution Control Facility

Location: Cazenovia, NY, USA

Evaluation of the existing conditions at the Cazenovia Water Pollution Control Facility that included seven buildings. We developed an assessment of existing conditions and provided recommendations for improvements based on needs of the plant staff and building code required upgrades. Recommendations included a renovation of the Control Building toilet rooms, laboratory and locker rooms.

Waste Water Treatment Plant Upgrades

Role: Architect

Client: Village of Bath Electric, Gas and Water Systems

Location: Bath, NY, USA

Provided WWTP upgrades to meet the current regulations and requirements. Upgrades include a new Headworks Building, new Membrane Building, Digester Building renovations and Control Building renovations to upgrade process systems, accessibility and building envelope performance. The Control Building renovations included break room, toilet rooms and locker room designs to accommodate the growing staff needs.

Project experience – Municipal

Fire Station & BOM Building Renovation

Role: Architect

Client: City of Batavia

Location: Batavia, NY, USA

Project included the renovation of a shared shower room to private shower and toilet rooms based on an increasing number of female firefighters. The design required communication with the staff and leaders to provide a design that suited all members of the organization.

Career history

2021 - present	GHD, Senior Architect
2016 - 2020	SWBR, Associate, Project Architect
2013 - 2016	Lake Architectural, Architectural Designer & BIM Specialist
2006 - 2012	O'Brien & Gere, Architectural Designer



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October 11, 2022

Mr. Tony Rubio, District Manager
Sanitary District No. 5
P.O. Box 227
Tiburon, CA 94920

**Re: Cove Road Pump Station Rehabilitation Project
Proposal for Engineering Design Services**

Dear Tony:

As requested Nute Engineering is pleased to submit the following proposal for design of the Cove Road Pump Station Rehabilitation Project.

BACKGROUND AND PROJECT DESCRIPTION

The existing Cove Road Pump Station serves almost all of the City of Belvedere service area of Sanitary District No. 5. The Cove Road Pump Station was originally constructed in 1961 and reconfigured in 1981 with two dry weather submersible pumps and two wet weather pumps to accommodate both dry and wet weather flows.

The Cove Road Pump Station electrical switchgear and motor control center are exhibiting age related conditions which include difficulty in finding replacement parts. The electrical switch gear will be replaced along with new PG&E secondary service to the meter. The replacement motor control center will have a new programmable logic controller (PLC) which will integrate with the District SCADA system for the treatment plant. In addition, the pumps will be controlled with variable frequency drives. We recommend District Staff continue to work with WorkSmart for their SCADA programming.

The existing natural gas fired generator is located in the existing wood framed building and does not currently have a sound enclosure. The new replacement generator can have its own weather proof sound enclosure and be located outside of the building housing the new switch gear and motor control center. This new generator will also require a new automatic transfer switch within the new switchgear/motor control center to safely transfer electrical power feed to the generator and back to PG&E line service.

The existing pump station site is small, and space is limited. The goal of the project would be to find a location for both a new outdoor enclosed generator and a chemical storage tank within a site that is already constrained from the new force main and flowmeter added recently.

SCOPE OF WORK

A pre-design study will be necessary for the design work to determine if the site needs more space to accommodate both new outdoor generator enclosure and chemical storage tank. The demolition and reconstruction of a smaller wood framed motor control center building, similar to what was constructed at the Mar West Pump Station recently, may be necessary.

Schedule A Services - Design and Preparation of Plans and Specifications

The design and preparation of plans and specifications for the Cove Road Pump Station Rehabilitation Project will consist of the following items of work:

1. Project kickoff meeting with District and Beecher Engineering, Inc.
2. The existing pump station has site space constraints for siting new generator, chemical feed tank and motor control center, and buried force mains. The pre-design study will assess site constraints and verify if existing building should be replaced and downsized. (Based on this site assessment, the optional new building design item below can be implemented or not).
3. Prepare new PG&E service request for new secondary service connection and electrical meter.
4. Prepare design for new electrical meter/main switchboard.
5. Prepare design for new motor control center with new PLC SCADA-ready system..
6. Prepare new generator design for outdoor enclosed generator which operates on natural gas. Gas service sizing will be coordinated with PG&E.
7. Work with odor reduction chemical supplier for tank sizing and siting of new tank and new generator.
8. The planset major motor control center changes will require control panel shutdown and therefore, sewer bypassing during the work. Sewer bypass plan will be designed.
9. Prepare 50% plans, specifications and engineer's estimate for review by District staff (includes new site fence design).
10. Prepare 90% plans, specifications and engineer's estimate for review by District staff.
11. Prepare final pre-design plans, specifications and engineer's estimate.

Schedule B Services - Optional Design Services

1. Design new wood framed building for motor control center enclosure (similar to Mar West Pump Station enclosure structure) and prepare demoliton drawing.

Upon completion of this work, we will furnish three (3) sets of plans and specifications for the project for the approval and adoption by the District Board. Additional sets needed for advertising for bids and for the contractor's use in construction will be furnished to the District at cost.

SERVICES NOT INCLUDED IN THIS PROPOSAL

It is understood that the following services are outside the scope of this proposal and can be provided by Nute Engineering or by others as deemed necessary:

1. Geotechnical engineering and soil contamination investigation services.
2. Potholing of underground utilities.
3. Investigation of potential hazardous wastes in the soil or groundwater.
4. Environmental review or preparation of an environmental impact report of the project.
5. Necessary permit applications and application fees, including new wood framed building approval from City of Belvedere if determined to be required.
6. Legal services in connection with the project.
7. Title searches and appraisals.
8. Acquisition of rights of ways, rights of entries or construction permits.
9. Printing of plans and specifications for bidding purposes and for the Contractor's use.
10. Clerical time to send bid documents out to bidders.
11. Review of shop drawings and submittals and construction management services.
12. On site construction observation services unless specifically authorized.

ENGINEERING FEE

We propose to do all the work on a time and materials basis to be billed according to the Schedule of Hourly Rates attached hereto as Attachment A. The estimated labor hours and costs for the work by task and job classification are shown in Attachment B. The following are budgets for the engineering fees for the various schedules outlined above:

Project design and preparation of plans and specifications	\$ 83,457
Optional Design Services:	<u>\$ 12,034</u>
	\$ 95,491

Very truly yours,

NUTE ENGINEERING

By: 
Mark T. Wilson, PE

Attachment A – Hourly Rates
Attachment B – Project Estimating Sheet



ATTACHMENT A

2022 HOURLY RATE SCHEDULE

OFFICE PERSONNEL	HOURLY RATE
Principal Engineer	\$258.00
Senior Engineer	211.00
Office Surveyor	205.00
Engineer III	199.00
Engineer II	191.00
Engineer I	165.00
Field Representative*	181.00
Assistant Engineer II	129.00
Assistant Engineer I	119.00
Engineering Technician II	171.00
Engineering Technician I	151.00
1-Person Survey Crew w/Robotic Total Station	250.00
Office Surveyor	205.00
Senior Designer	188.00
CAD Drafter II	158.00
CAD Drafter I	138.00
Technical Administrative Support	118.00
Clerical	101.00
 LITIGATION SERVICES	
Court Appearance/Deposition	372.00

*Field Representative for construction is a Prevailing Wage category as required by the California Department of Industrial Relations.

REIMBURSABLE EXPENSES

Sub-consultants will be charged at 1.10 times cost. Charges for reproductions, blueprinting, outside computer services, rental of special equipment, delivery, express mail, insurance certificates (where client requires to be listed as an additional insured) and meals and lodging will be charged at 1.10 times cost. Mileage and technology charges are included in the hourly rates. Nute Engineering reserves the right to adjust its hourly rate structure for all ongoing contracts.

EFFECTIVE DATE: August 1, 2022

**ATTACHMENT B
SANITARY DISTRICT NO. 5 OF MARIN COUNTY
COVE ROAD PUMP STATION REHABILITATION PROJECT
PROPOSAL FOR ENGINEERING SERVICES
PROJECT ESTIMATING SHEET**

Description	Rate \$/Hr	Senior Engineer	Engineer II	CAD Drafter II	Tech Admin Support	Surveyor with RTS	Direct Costs Beecher Engineering	Direct Cost Markup	TOTAL
		\$211	\$191	\$158	\$118	\$250			
Schedule A Services – Design and Prepare Plans and Specifications									
1. Attend design kickoff meeting		3			1		\$880	\$88	
2. Prepare pre-design site study - identify site spatial constraints				8		6	\$880	\$88	
3. Prepare PG&E New Service Application			4	2	2		\$3,300	\$330	
4. Prepare Pump Station switchgear design		1	2	2			\$8,800	\$880	
5. Prepare Motor Control Center design with OPLC and Telemetry		1	2	2			\$8,800	\$880	
6. Prepare new generator design		2	4	6			\$8,800	\$880	
7. Chemical tank sizing and site locate, and locate generator on-site		2	4	6					
8. Prepare sewage bypass plan for construction period		4	4	8					
9. Prepare 50% Plans, Specifications and Engineer's Estimate		4	4	20	8		\$8,800	\$880	
10. Prepare 90% Plans, Specifications and Engineer's Estimate		4	4	20	8		\$3,740	\$374	
11. Prepare Final Plans, Specifications and Engineer's Estimate		4	4	20	2		\$4,400	\$440	
	Hours	25	32	94	21	6			
	Cost	\$5,275	\$6,112	\$14,852	\$2,478	\$1,500	\$48,400	\$4,840	\$83,457
Schedule B Services – Optional Design Services									
1. Based on pre-design site study, design new enclosure bldg & (E) bldg demo		14		50	10				
	Hours	14		50	10				
	Cost	\$2,954		\$7,900	\$1,180				\$12,034
<i>Total Cost Schedules A and B</i>									\$95,491