

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

Catharine Benediktsson, Director
Richard Snyder, Director

**NOTICE AND AGENDA
Regular Board Meeting
at Sanitary District No. 5 of Marin County
Thursday, March 20th, 2025**

5:00 P.M. REGULAR BOARD MEETING

Teleconference Location:

Director Richard Snyder 10 Pomander Walk Belvedere CA 94920	Director Catherine Benediktsson 2352 Mar East Street Tiburon CA 94920
---	---

PURSUANT TO THE RALPH M. BROWN ACT, ALL VOTES SHALL BE BY ROLL CALL DUE TO DIRECTOR SNYDER TELECONFERENCE FROM 10 Pomander Walk Belvedere CA 94920 & DIRECTOR BENEDIKTSSON FROM 2352 Mar East Street Tiburon CA 94920

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. Approval of February 20th, 2025 Regular Board Meeting Minutes
2. Review and receive all electronic fund transfers (EFTs) and approve warrants from February 14th, 2025, through March 11th, 2025, (JP Morgan Chase Bank, check no.11083 through check no. 11137, all transactions totaling \$300,505.19 and receive February 2025 payroll, in the sum of \$159,441.36 (Rubio)
3. Receipt of Financial Reports through March 11th, 2024 (Rubio)

MANAGEMENT REPORTS:

4. District Manager Summary Report (Rubio)

NEW BUSINESS:

5. Review and discussion of updated renewable energies report- the segment of the report regarding the Main Plant and its Maintenance Easement above the MP and new footprint for a possible solar project – Discussion Only (Rubio)

UNFINISHED BUSINESS:

COMMITTEE REPORTS:

6. Capital Improvement Program Committee (Moody/Carapiet)
7. Finance & Fiscal Oversight Committee (Moody/Carapiet)
8. Governance Committee (No Meeting)
9. Personnel Committee (No Meeting)
10. Solar Ad-Hoc Meeting (Moody/Benediktsson)

OTHER BUSINESS:

ENVIRONMENTAL:

CORRESPONDENCE:

INFORMATIONAL ITEMS:

ADJOURNMENT:

The Board will be asked to adjourn the meeting to a Regular Board Meeting on April 17, 2025, 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 hr@sani5.org at least two days prior to the meeting.

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

Catharine Benediktsson, Director
Richard Snyder, Director

**NOTICE AND AGENDA
Regular Board Meeting
at Sanitary District No. 5 of Marin County
Thursday, February 20th, 2025**

5:00 P.M. REGULAR BOARD MEETING

Teleconference Location:

Director Richard Snyder 10 Pomander Walk Belvedere CA 94920	Director Catherine Benediktsson 2352 Mar East Street Tiburon CA 94920
---	---

PURSUANT TO THE RALPH M. BROWN ACT, ALL VOTES SHALL BE BY ROLL CALL DUE TO DIRECTOR SNYDER TELECONFERENCE FROM 10 Pomander Walk Belvedere CA 94920 & DIRECTOR BENEDIKTSSON FROM 2352 Mar East Street Tiburon CA 94920

ROLL CALL: Richard Snyder, Catherine Benediktsson, Omar Arias-Montez, Tod Moody, John Carapiet

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: Director Moody requested update on Solar Investigation for Ad-Hoc Committee, President Arias requested staff look into Smart Covers for high flow events/wet weather events

CONSENT CALENDAR:

1. Approval of January 16th, 2025 Special Board Meeting Minutes
2. Review and receive all electronic fund transfers (EFTs) and approve warrants from January 10th, 2025, through February 13th, 2025, (JP Morgan Chase Bank, check no.11027 through check no. 11082, all transactions totaling \$271,139.52 and receive January 2025 payroll, in the sum of \$152,368.99 (Rubio)
3. Receipt of Financial Reports through February 13th, 2025 (Rubio)

Motion to approve consent calendar

(M/S Snyder/Benediktsson 5-0-0-0)

Ayes:, Snyder, Arias-Montez, Moody, Carapiet, Benediktsson

Noes: None

Absent: None

Abstain: None

MANAGEMENT REPORTS:

- 4. District Manager Summary Report (Rubio)

NEW BUSINESS:

- 5. Review of Cove Road Pump Station Plans for the Upcoming Rehabilitation Project and Authorize the District Manager to place the project out to Bid – Action (Rubio)
Motion to authorize District Manager to place project out to bid.

(M/S Snyder/Carapiet 5-0-0-0)

Ayes:, Snyder, Arias-Montez, Moody, Carapiet, Benediktsson

Noes: None

Absent: None

Abstain: None

- 6. Review and Discussion of RFP for a Total Salary and Benefits survey in preparation for the upcoming MOU Renewal- discussion only (Rubio)

Discussion only

UNFINISHED BUSINESS:

COMMITTEE REPORTS:

- 7. Capital Improvement Program Committee (Moody/Carapiet)
- 8. Finance & Fiscal Oversight Committee (Benediktsson/Carapiet)
- 9. Governance Committee (No Meeting)
- 10. Personnel Committee (Carapiet/Snyder)
- 11. Solar Ad-Hoc Meeting (No Meeting)

OTHER BUSINESS:

ENVIRONMENTAL:

CORRESPONDENCE:

INFORMATIONAL ITEMS:

- 12. Ark Newspaper article regarding potential housing project in downtown Tiburon on the old Bank of America and Sharks Deli site.
- 13. Ark Newspaper article regarding SF State closing the Romberg Center

ADJOURNMENT: 6:04pm

The Board will be asked to adjourn the meeting to a Regular Board Meeting on March 20, 2025, at 5:00 P.M.

Approved:

Attest:

Omar Arias-Montez
Board President

Tod Moody
Board Secretary

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 hr@sani5.org at least two days prior to the meeting.

Sanitary District No.5 of Marin County

Warrant List Summary

February 14 through March 11, 2025

03/10/25

Date	Num	Name	Memo	Amount
JP Morgan Chase - Primary 7399				
02/19/2025	EFT	CalPERS (Health Premium)	Health Insurance Premium - Mar 2025	-25,501.52
02/20/2025	EFT	CalPERS (457 Def Comp)	457 Contributions, semi-monthly, 2/15/25	-6,154.34
03/06/2025	EFT	CalPERS (457 Def Comp)	457 Contributions, semi-monthly, 2/28/25	-4,914.34
03/11/2025	11083	Access Answering Service	Answering Service - Mar 2025, new rate	-104.75
03/11/2025	11084	Alameda Electrical Distributors, Inc.	Stmnt Date 2/28/25: wire, GFI's, covers, for chemical room upgr...	-2,408.93
03/11/2025	11085	Alhambra - Primo Water	drinking water service - Feb 2025	-77.44
03/11/2025	11086	Amazon Capital Services (Amazon B...	Stmnt Date 2/28/25:flashlights for trucks, space heater, exhaust ...	-2,916.74
03/11/2025	11087	APG Neuros, Inc.	5 year extended preventative maintenance on (3) turbo blowers	-8,860.00
03/11/2025	11088	Banshee Networks, Inc.	computer services - Jan & Feb 2025, new computers & Sonic ...	-13,776.95
03/11/2025	11089	C. Overaa & Co	DWPC Helical replacement project	-18,000.00
03/11/2025	11090	Caltest Analytical Laboratory	Lab Monitoring: Main Plant & Paradise Cove - Jan 2025	-5,156.60
03/11/2025	11091	Caltronics Business Systems	copier base rate and usage - Jan & Feb 2025, and toner	-441.28
03/11/2025	11092	Carollo Engineers, Inc.	Nutrient Removal Study - through 1/31/25	-4,648.00
03/11/2025	11093	Center For Hearing Health, Inc.	annual audiometric testing for staff - Jan 2025	-720.00
03/11/2025	11094	Central Marin Sanitation Agency	FY25 2Qtr Countywide Public Education - shared expenses	-773.39
03/11/2025	11095	Cintas Corporation	weekly - scraper & towels and (2) District polo shirts - Feb 2025	-197.44
03/11/2025	11096	Code Publishing Co.	annual fees: web fees, web update & document hosting 1-2 pr...	-593.50
03/11/2025	11097	Comcast Business (Internet) *9465	Business Cable, Internet, Voice - Mar 2025	-741.02
03/11/2025	11098	Comcast Business (VOIP) *9079	Business Voice Edge - Mar 2025	-396.45
03/11/2025	11099	Corcus Construction Inc	hardscape improvements - Feb 2025	-21,059.35
03/11/2025	11100	CWEA	certification renewal, Laboratory Analyst Grade 1	-106.00
03/11/2025	11101	D&K Auto Service	2011 Ford F550 oil change, new tire mount, basic safety inspe...	-279.93
03/11/2025	11102	DKF Solutions Group, LLC	TrainingLink monthly subscription - Mar 2025	-462.00
03/11/2025	11103	Fast Response On-Site Testing Inc.	annual fit testing for staff - Dec 2024	-1,784.92
03/11/2025	11104	Fastenal Company	roto-hammer for concrete drilling/conduit installs, parts to inst...	-974.32
03/11/2025	11105	Goodman Building Supply Co.	misc electrical connectors & organizer for Main Plant, airline fi...	-272.35
03/11/2025	11106	Grainger	magnetic stirrers for P. Cove & Main Plant labs, banjo cam loc...	-595.62
03/11/2025	11107	HDR Engineering Inc	Digester Cleaning & Rehab Project - Jan & Feb 2025	-2,649.29
03/11/2025	11108	Home Depot Credit Services *2889	parts for SBS Room heater project, Sikalex to waterproof RT M...	-184.15
03/11/2025	11109	Jackson's Hardware, Inc.	rain gear for employee, misc electrical connectors	-314.40
03/11/2025	11110	Jill Kalehua, DMMS	Accounting Services - Feb 2025	-2,668.21
03/11/2025	11111	JM Integration, LLC	fiber optic network installation & conduit run for OCC building	-6,450.84
03/11/2025	11112	John's Dairy Equipment & Supply Inc	scrub brushes for algae control in SC & CCB	-435.60
03/11/2025	11113	Kustom Kar Audio Inc	fleet radio installations. All trucks; equipment provided by Dist...	-3,150.00
03/11/2025	11114	Lystek International Limited	biosolids delivery - Jan 2025	-810.82
03/11/2025	11115	Marin County Registrar of Voters	charges for 11/5/24 General Election	-250.00
03/11/2025	11116	Marin Municipal Water District	5 accounts, water service: 12/5/24-2/5/25	-2,243.54
03/11/2025	11117	Mill Valley Refuse Serv (Garbage) *29...	garbage service - Mar 2025	-290.76
03/11/2025	11118	Mill Valley Refuse Service (Sludge) *3...	3 sludge exchanges - Feb 2025	-1,080.00
03/11/2025	11119	Nute Engineering Corp.	Cove Rd pump station improvements & Sewer rehab project - ...	-12,033.00
03/11/2025	11120	Pacific Gas & Electric	Stmnt Date 2/26/25: 1/17/25-2/18/25	-34,622.89
03/11/2025	11121	PAN-PACIFIC SUPPLY COMPANY	Moyno Pump: removal/rebuild/install	-14,206.78
03/11/2025	11122	Peterson CAT	emergency visit & troubleshoot generator, portable generator r...	-1,788.06
03/11/2025	11123	PLATT Electric Supply	new storage shed feeder conduit parts, material to upgrade co...	-3,209.65
03/11/2025	11124	Roy's Sewer Service, Inc.	OT Emergency call out, service call	-2,375.00
03/11/2025	11125	Sewer Tech Inc	Operations office: roofing, Shop renovation: drywall & paint b...	-60,800.00
03/11/2025	11126	Southern Counties Lubricants LLC	red dye diesel for Main Plant generator	-2,198.63
03/11/2025	11127	Special Dist Risk Mgmt Authority (SD...	Basic Life & ADD, LTD, Dental, Vision - Apr 2025	-1,866.81
03/11/2025	11128	T-Mobile *1446 cell	staff cell phones, New Acct #, Stmnt Date 2/22/25: 1/25/25-2/20/2...	-362.72
03/11/2025	11129	T-Mobile *8704 SIM	(6) SIM cards for pump stations - Jan & Feb 2025	-120.00
03/11/2025	11130	Terminix Processing Center	pest control - Feb 2025	-505.00
03/11/2025	11131	Thatcher Company of California Inc	sodium bisulfite 25 %	-8,512.93
03/11/2025	11132	U.S. Bank cc *3611	Stmnt Date 2/25/25: CASA meeting, CWEA conference, airline tr...	-3,070.55
03/11/2025	11133	USA Blue Book	(6) certified thermometers, muffle furnace, stir bar kit, pyrex be...	-2,954.62
03/11/2025	11134	Waste Management, Redwood Landfill	3-78482-75002	-325.50
03/11/2025	11135	Water Components & Building Supply	materials to bypass plant water filter	-68.20
03/11/2025	11136	Weco Industries, LLC	new rod for Rodder truck, parts for Rodder truck cleaning	-6,890.56
03/11/2025	11137	WorkSmart Automation, Inc.	Mar West PS modifications, PLC & SCADA	-2,149.50
Total JP Morgan Chase - Primary 7399				-300,505.19
TOTAL				-300,505.19

**Sanitary District No.5 of Marin County
Warrant List Detail**

February 14 through March 11, 2025

03/10/25

Num	Type	Date	Name	Memo	Account	Paid Amou...
EFT	Check	02/19/202	CalPERS (Health Premi...	Health Insurance Premium - Mar 2025	JP Morgan Chase - Primary ...	
				Active Employee Health Insurance Premium, plus Admin ...	8020.05 · Employee Health	-24,373.58
				Retiree Health Insurance Premium, plus Admin Fee - Mar ...	8022.05 · Retiree Health	-1,127.94
TOTAL						-25,501.52
EFT	Check	02/20/202	CalPERS (457 Def Comp)	457 Contributions, semi-monthly, 2/15/25	JP Morgan Chase - Primary ...	
				457 Contributions, semi-monthly, 2/15/25	8008 · Deferred Comp 457	-6,154.34
TOTAL						-6,154.34
EFT	Check	03/06/202	CalPERS (457 Def Comp)	457 Contributions, semi-monthly, 2/28/25	JP Morgan Chase - Primary ...	
				457 Contributions, semi-monthly, 2/28/25	8008 · Deferred Comp 457	-4,914.34
TOTAL						-4,914.34
11083	Bill Pmt -Che...	03/11/202	Access Answering Serv...	Answering Service - Mar 2025, new rate	JP Morgan Chase - Primary ...	
33461	Bill	03/05/202		Answering Service - Mar 2025, new rate	8510 · Data/Alarms/IT Supp &...	-104.75
TOTAL						-104.75
11084	Bill Pmt -Che...	03/11/202	Alameda Electrical Distr...	Stmnt Date 2/28/25: wire, GFI's, covers, for chemical ro...	JP Morgan Chase - Primary ...	
Stmnt D...	Bill	02/28/202		Inv S5977346.001, PO M-25-025, wire, GFI's, covers, for ...	7021 · Plant Maintenance Sup...	-167.79
				Inv S5977346.002, PO M-25-025, wire, GFI's, covers, for ...	7021 · Plant Maintenance Sup...	-103.28
				Inv S5977346.003, PO M-25-025, wire, GFI's, covers, for ...	7021 · Plant Maintenance Sup...	-256.48
				Inv S5977346.004, PO M-25-025, wire, GFI's, covers, for ...	7021 · Plant Maintenance Sup...	-650.06
				Inv S5977346.001, PO M-25-025, wire, GFI's, covers, for ...	7021 · Plant Maintenance Sup...	-78.68
				Inv S5984140.001, PO M-25-035, wire for new storage sh...	7021 · Plant Maintenance Sup...	-379.21
				Inv S5984140.002, PO M-25-035, wire for new storage sh...	7021 · Plant Maintenance Sup...	-758.41
				Inv S5984140.003, PO M-25-035, wire for new storage sh...	7021 · Plant Maintenance Sup...	-15.02
TOTAL						-2,408.93

03/10/25

**Sanitary District No.5 of Marin County
Warrant List Detail**

February 14 through March 11, 2025

Num	Type	Date	Name	Memo	Account	Paid Amou...
11085	Bill Pmt -Che...	03/11/202	Alhambra - Primo Water	drinking water service - Feb 2025	JP Morgan Chase - Primary ...	
12012...	Bill	02/28/202		drinking water service - Feb 2025	7023 · Janitorial Supplies & S...	-77.44
TOTAL						-77.44
11086	Bill Pmt -Che...	03/11/202	Amazon Capital Service...	Stmt Date 2/28/25:flashlights for trucks, space heater, ...	JP Morgan Chase - Primary ...	
Stmt D...	Bill	02/28/202		Inv 13XD-4961-NMVM, PO O-25-033, space heater 500w	7022 · Plant Maint. Parts & Se...	-40.69
				Inv 14G7-JWK4-NHN4, PO M-25-022, new exhaust fan fo...	7022 · Plant Maint. Parts & Se...	-178.10
				Inv 1GFH-NWCN-Q7LK, PO O-25-040, shop supplies	7021 · Plant Maintenance Sup...	-101.70
				Inv 1KJW-K9W7-QGPD, PO M-25-030, pens	6047 · Office Supplies	-57.77
				Inv 1KJW-K9W7-QGPD, PO M-25-030, soap, detergent	7023 · Janitorial Supplies & S...	-163.22
				Inv 1G1F-P1NW-Q4CQ, PO Ops control room rack	8510 · Data/Alarms/IT Supp &...	-18.29
				Inv 1LW6-TWGG-NFJG, PO M-25-033, copy paper	6047 · Office Supplies	-43.78
				Inv 1KNW-RFPK-NGV9, PO M-25-032, new flashlights for...	7072 · Maintenance	-1,939.40
				Inv 1476-7F6V-NKTD, PO O-25-050, lab supplies	7022 · Plant Maint. Parts & Se...	-98.89
				Inv 1476-7F6V-NKTD, PO O-25-050, lab supplies, office s...	6047 · Office Supplies	-19.93
				Inv 1XJH-KWHM-PL94, PO O-25-058, door blower filter fo...	7022 · Plant Maint. Parts & Se...	-68.19
				Inv 1FPW-1RLN-NC73, PO O-25-059, admin supplies, he...	6047 · Office Supplies	-186.78
TOTAL						-2,916.74
11087	Bill Pmt -Che...	03/11/202	APG Neuros, Inc.	5 year extended preventative maintenance on (3) turb...	JP Morgan Chase - Primary ...	
20838	Bill	02/11/202		5 year extended preventative maintenance on (3) turbo bl...	7022 · Plant Maint. Parts & Se...	-8,860.00
TOTAL						-8,860.00
11088	Bill Pmt -Che...	03/11/202	Banshee Networks, Inc.	computer services - Jan & Feb 2025, new computers ...	JP Morgan Chase - Primary ...	
16546	Bill	02/13/202		computer network services - Jan 2025	8510 · Data/Alarms/IT Supp &...	-1,631.25
				computer network services - Feb 2025	8510 · Data/Alarms/IT Supp &...	-188.28
16547	Bill	02/13/202		computer hardware, Sonic Wall upgrade, Quote 3034 - Ja...	8510 · Data/Alarms/IT Supp &...	-1,650.81
				computer labor services, Sonic Wall updgrade, Quote 303...	8510 · Data/Alarms/IT Supp &...	-1,350.00
16548	Bill	02/13/202		computer hardware, 6 Dell computers - Jan 2025	8510 · Data/Alarms/IT Supp &...	-8,956.61
TOTAL						-13,776.95

03/10/25

**Sanitary District No.5 of Marin County
Warrant List Detail**

February 14 through March 11, 2025

Num	Type	Date	Name	Memo	Account	Paid Amou...
11089	Bill Pmt -Che...	03/11/202	C. Overaa & Co	DWPC Helical replacement project	JP Morgan Chase - Primary ...	
240623	Bill	12/04/202		DWPC Helical replacement project. PO O-25-045	9302.03 · DW Pri #1 Scum Co...	-18,000.00
TOTAL						-18,000.00
11090	Bill Pmt -Che...	03/11/202	Caltest Analytical Labor...	Lab Monitoring: Main Plant & Paradise Cove - Jan 2025	JP Morgan Chase - Primary ...	
727060	Bill	02/12/202		Main Plant Lab Monitoring - Jan 2025 Paradise Cove Monitoring - Jan 2025	7051 · Main Plant Lab Monitor... 7052 · Paradise Cove Monitor...	-3,398.15 -1,758.45
TOTAL						-5,156.60
11091	Bill Pmt -Che...	03/11/202	Caltronics Business Sy...	copier base rate and usage - Jan & Feb 2025, and toner	JP Morgan Chase - Primary ...	
42908...	Bill	02/06/202		copier toner cyan	6047 · Office Supplies	-15.00
42947...	Bill	02/11/202		Konica Minolta/KON-C308, usage charge, 1/2/25-2/1/25	6047 · Office Supplies	-116.50
				Konica Minolta/KON-C280, usage charge, 1/2/25-2/1/25	6047 · Office Supplies	-0.03
				base rate charge plus tax, 1/2/25-2/1/25	6047 · Office Supplies	-93.85
43146...	Bill	03/05/202		Konica Minolta/KON-C308, usage charge, 2/2/25-3/1/25	6047 · Office Supplies	-121.86
				Konica Minolta/KON-C280, usage charge, 2/2/25-3/1/25	6047 · Office Supplies	-0.03
				base rate charge plus tax, 2/2/25-3/1/25	6047 · Office Supplies	-94.01
TOTAL						-441.28
11092	Bill Pmt -Che...	03/11/202	Carollo Engineers, Inc.	Nutrient Removal Study - through 1/31/25	JP Morgan Chase - Primary ...	
FB62560	Bill	02/12/202		Nutrient Removal Study - through 1/31/25	6017 · Consulting Fees	-4,648.00
TOTAL						-4,648.00
11093	Bill Pmt -Che...	03/11/202	Center For Hearing Heal...	annual audiometric testing for staff - Jan 2025	JP Morgan Chase - Primary ...	
21207	Bill	02/07/202		annual audiometric testing for staff. PO O-24-079. 1/1/25-...	8515 · Safety	-360.00
				annual audiometric testing for staff. PO O-24-079, 7/1/25-1...	8515 · Safety	-360.00
TOTAL						-720.00

03/10/25

**Sanitary District No.5 of Marin County
Warrant List Detail**

February 14 through March 11, 2025

Num	Type	Date	Name	Memo	Account	Paid Amou...
11094	Bill Pmt -Che...	03/11/202	Central Marin Sanitatio...	FY25 2Qtr Countywide Public Education - shared exp...	JP Morgan Chase - Primary ...	
INV01...	Bill	02/19/202		FY25 2Qtr Countywide Public Education - shared expense...	6059 · Pollution Prevention/P...	-773.39
TOTAL						-773.39
11095	Bill Pmt -Che...	03/11/202	Cintas Corporation	weekly - scraper & towels and (2) District polo shirts - ...	JP Morgan Chase - Primary ...	
Stmt D...	Bill	02/28/202		weekly - scraper & towels, Inv 4220399091, 2/7/25	7023 · Janitorial Supplies & S...	-35.32
				weekly - scraper & towels, Inv 4221139494, 2/14/25	7023 · Janitorial Supplies & S...	-35.32
				weekly - scraper & towels, Inv 4221866749, 2/21/25	7023 · Janitorial Supplies & S...	-35.32
				Inv 931084378, PO O-25-048, 2 District Polo shirts, 2/25/25	8520 · Personal Protection/Sa...	-56.16
				weekly - scraper & towels, Inv 4222638331, 2/28/25	7023 · Janitorial Supplies & S...	-35.32
TOTAL						-197.44
11096	Bill Pmt -Che...	03/11/202	Code Publishing Co.	annual fees: web fees, web update & document hosti...	JP Morgan Chase - Primary ...	
GC001...	Bill	10/25/202		annual fees: web fees, web update & document hosting 1-...	6017 · Consulting Fees	-445.12
				annual fees: web fees, web update & document hosting 1-...	6017 · Consulting Fees	-148.38
TOTAL						-593.50
11097	Bill Pmt -Che...	03/11/202	Comcast Business (Inte...	Business Cable, Internet, Voice - Mar 2025	JP Morgan Chase - Primary ...	
2/26/25	Bill	02/26/202		Business Cable, Internet, Voice - Mar 2025	8531 · Main Plant Telephones	-741.02
TOTAL						-741.02
11098	Bill Pmt -Che...	03/11/202	Comcast Business (VOI...	Business Voice Edge - Mar 2025	JP Morgan Chase - Primary ...	
00100...	Bill	03/03/202		Business Voice Edge - Mar 2025	8531 · Main Plant Telephones	-396.45
TOTAL						-396.45

03/10/25

**Sanitary District No.5 of Marin County
Warrant List Detail**

February 14 through March 11, 2025

<u>Num</u>	<u>Type</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amou...</u>
11099	Bill Pmt -Che...	03/11/202	Corcus Construction Inc	hardscape improvements - Feb 2025	JP Morgan Chase - Primary ...	
Pymt ...	Bill	02/10/202		hardscape improvements - Feb 2025	9510 · Undesignated Cap - M...	-21,059.35
TOTAL						-21,059.35
11100	Bill Pmt -Che...	03/11/202	CWEA	certification renewal, Laboratory Analyst Grade 1	JP Morgan Chase - Primary ...	
Inv Dat...	Bill	02/13/202		certification renewal, Laboratory Analyst Grade 1. A. Farri...	6025 · Dues & Subscriptions	-17.67
				certification renewal, Laboratory Analyst Grade 1. A. Farri...	6025 · Dues & Subscriptions	-88.33
TOTAL						-106.00
11101	Bill Pmt -Che...	03/11/202	D&K Auto Service	2011 Ford F550 oil change, new tire mount, basic safe...	JP Morgan Chase - Primary ...	
80397	Bill	02/28/202		2011 Ford F550 oil change, new tire mount, basic safety i...	7072 · Maintenance	-279.93
TOTAL						-279.93
11102	Bill Pmt -Che...	03/11/202	DKF Solutions Group, L...	TrainingLink monthly subscription - Mar 2025	JP Morgan Chase - Primary ...	
22733	Bill	03/01/202		TrainingLink monthly subscription - Mar 2025	8515 · Safety	-462.00
TOTAL						-462.00
11103	Bill Pmt -Che...	03/11/202	Fast Response On-Site ...	annual fit testing for staff - Dec 2024	JP Morgan Chase - Primary ...	
159653	Bill	12/06/202		annual fit testing for staff. PO O-25-044	8515 · Safety	-1,041.20
				annual fit testing for staff. PO O-25-044. 7/1/25-12/4/25. F...	8515 · Safety	-743.72
TOTAL						-1,784.92

03/10/25

**Sanitary District No.5 of Marin County
Warrant List Detail**

February 14 through March 11, 2025

<u>Num</u>	<u>Type</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amou...</u>
11104	Bill Pmt -Che...	03/11/202	Fastenal Company	roto-hammer for concrete drilling/conduit installs, par...	JP Morgan Chase - Primary ...	
CAPE...	Bill	02/11/202		parts to install HYPO over pressure valves. PO M-25-027	7021 · Plant Maintenance Sup...	-597.22
CAPE...	Bill	02/20/202		glue dauber/supplies for shop. PO O-24-092	7021 · Plant Maintenance Sup...	-61.75
CAPE...	Bill	02/20/202		roto-hammer for concrete drilling/conduit installs. PO O-25...	7021 · Plant Maintenance Sup...	-315.35
TOTAL						-974.32
11105	Bill Pmt -Che...	03/11/202	Goodman Building Sup...	misc electrical connectors & organizer for Main Plant, ...	JP Morgan Chase - Primary ...	
Clos D...	Bill	02/25/202		airline fittings for service truck	7021 · Plant Maintenance Sup...	-8.65
				misc electrical connectors and organizer for Main Plant	7021 · Plant Maintenance Sup...	-263.70
TOTAL						-272.35
11106	Bill Pmt -Che...	03/11/202	Grainger	magnetic stirrers for P. Cove & Main Plant labs, banjo ...	JP Morgan Chase - Primary ...	
93962...	Bill	02/05/202		magnetic stirrers for P. Cove & MP labs. PO O-25-038	7025 · Lab Supplies & Chemi...	-440.01
94137...	Bill	02/19/202		banjo cam lock fittings. PO O-25-053	7022 · Plant Maint. Parts & Se...	-155.61
TOTAL						-595.62
11107	Bill Pmt -Che...	03/11/202	HDR Engineering Inc	Digester Cleaning & Rehab Project - Jan & Feb 2025	JP Morgan Chase - Primary ...	
12006...	Bill	02/06/202		Digester Cleaning & Rehab Project - Jan 2025	6017 · Consulting Fees	-1,305.18
12007...	Bill	02/28/202		Digester Cleaning & Rehab Project - Feb 2025: 1/26/25-2/...	6017 · Consulting Fees	-1,344.11
TOTAL						-2,649.29
11108	Bill Pmt -Che...	03/11/202	Home Depot Credit Serv...	parts for SBS Room heater project, Sikalex to waterpr...	JP Morgan Chase - Primary ...	
Stmt D...	Bill	02/13/202		parts for SBS room heater project. PO M-25-016	7021 · Plant Maintenance Sup...	-72.85
				sikaflex to waterproof RT MCC panel from water intursion ...	7022 · Plant Maint. Parts & Se...	-111.30
TOTAL						-184.15

03/10/25

**Sanitary District No.5 of Marin County
Warrant List Detail**

February 14 through March 11, 2025

<u>Num</u>	<u>Type</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amou...</u>
11109	Bill Pmt -Che...	03/11/202	Jackson's Hardware, Inc.	rain gear for employee, misc electrical connectors	JP Morgan Chase - Primary ...	
172550	Bill	02/11/202		rain gear for D. LaTorre misc electrical connectors	8520 · Personal Protection/Sa... 7021 · Plant Maintenance Sup...	-273.10 -41.30
TOTAL						-314.40
11110	Bill Pmt -Che...	03/11/202	Jill Kalehua, DMMS	Accounting Services - Feb 2025	JP Morgan Chase - Primary ...	
Feb 20...	Bill	03/01/202		Accounting Services - Feb 2025	6008 · Audit & Accounting	-2,668.21
TOTAL						-2,668.21
11111	Bill Pmt -Che...	03/11/202	JM Integration, LLC	fiber optic network installation & conduit run for OCC ...	JP Morgan Chase - Primary ...	
23451	Bill	02/19/202		fiber optic network installation & conduit run for OCC buildi...	8510 · Data/Alarms/IT Supp &...	-6,450.84
TOTAL						-6,450.84
11112	Bill Pmt -Che...	03/11/202	John's Dairy Equipment...	scrub brushes for algae control in SC & CCB	JP Morgan Chase - Primary ...	
26796	Bill	02/22/202		scrub brushes for algae control in SC & CCB. PO O-25-065	7022 · Plant Maint. Parts & Se...	-435.60
TOTAL						-435.60
11113	Bill Pmt -Che...	03/11/202	Kustom Kar Audio Inc	fleet radio installations. All trucks; equipment provide...	JP Morgan Chase - Primary ...	
35611	Bill	02/26/202		scrub brushes for algae control in SC & CCB. PO O-25-060	7072 · Maintenance	-3,150.00
TOTAL						-3,150.00
11114	Bill Pmt -Che...	03/11/202	Lystek International Li...	biosolids delivery - Jan 2025	JP Morgan Chase - Primary ...	
153-10...	Bill	01/31/202		biosolids delivery - Jan 2025	7029 · Main Plant Sludge Dis...	-810.82
TOTAL						-810.82

03/10/25

**Sanitary District No.5 of Marin County
Warrant List Detail**

February 14 through March 11, 2025

<u>Num</u>	<u>Type</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Account</u>	<u>Paid Amou...</u>
11115	Bill Pmt -Che...	03/11/202	Marin County Registrar ...	charges for 11/5/24 General Election	JP Morgan Chase - Primary ...	
Inv Dat...	Bill	02/11/202		charges for 11/5/24 General Election	6026 · Elections	-250.00
TOTAL						-250.00
11116	Bill Pmt -Che...	03/11/202	Marin Municipal Water ...	5 accounts, water service: 12/5/24-2/5/25	JP Morgan Chase - Primary ...	
Stmnt D...	Bill	02/10/202		2001 Paradise Dr, Customer #100098, Service #7810, 12/...	8541 · Water	-1,888.12
				Mar West St, Customer #138856, Service #36898, 12/5/2...	8541 · Water	-94.19
				Cove Rd, Customer #424791, Service #41054, 12/5/24-2/...	8541 · Water	-83.52
				Golden Gate Av, Customer #424793, Service #424793, 1...	8541 · Water	-94.19
				San Rafael Av, Customer #558095, Service #27861, 12/5/...	8541 · Water	-83.52
TOTAL						-2,243.54
11117	Bill Pmt -Che...	03/11/202	Mill Valley Refuse Serv (...	garbage service - Mar 2025	JP Morgan Chase - Primary ...	
00036...	Bill	03/01/202		Garbage service - Mar 2025	7028 · Grounds Maintenance	-290.76
TOTAL						-290.76
11118	Bill Pmt -Che...	03/11/202	Mill Valley Refuse Servi...	3 sludge exchanges - Feb 2025	JP Morgan Chase - Primary ...	
Inv Dat...	Bill	03/01/202		sludge exchanges (3) - Feb 2025	7029 · Main Plant Sludge Dis...	-1,080.00
TOTAL						-1,080.00
11119	Bill Pmt -Che...	03/11/202	Nute Engineering Corp.	Cove Rd pump station improvements & Sewer rehab ...	JP Morgan Chase - Primary ...	
27604	Bill	02/11/202		Sewer Rehab Project - Jan 2025	6017 · Consulting Fees	-268.00
27603	Bill	02/11/202		Cove Rd Pump Station Improvements - Jan 2025	9109.2 · Bel PS#1 Rehabilitati...	-11,765.00
TOTAL						-12,033.00

03/10/25

**Sanitary District No.5 of Marin County
Warrant List Detail**

February 14 through March 11, 2025

Num	Type	Date	Name	Memo	Account	Paid Amou...
11120	Bill Pmt -Che...	03/11/202	Pacific Gas & Electric	Stmt Date 2/26/25: 1/17/25-2/18/25	JP Morgan Chase - Primary ...	
Stmnt D...	Bill	02/26/202		Stmt Date 2/26/25: 1/17/25-2/18/25 Stmt Date 2/26/25: 1/17/25-2/18/25 Stmt Date 2/26/25: 1/17/25-2/18/25	8542 · Main Plant Utilities 8543 · Paradise Cove Utilities 8544 · Pump Station Utilities	-22,408.45 -3,339.78 -8,874.66
TOTAL						-34,622.89
11121	Bill Pmt -Che...	03/11/202	PAN-PACIFIC SUPPLY ...	Moyno Pump: removal/rebuild/install	JP Morgan Chase - Primary ...	
29617...	Bill	02/24/202		replacement of Chesterton 155 seal SC/SC/FKM. PO O-2... removal, rebuild, install. PO O-25-043	7022 · Plant Maint. Parts & Se... 7022 · Plant Maint. Parts & Se...	-5,704.78 -8,502.00
TOTAL						-14,206.78
11122	Bill Pmt -Che...	03/11/202	Peterson CAT	emergency visit & troubleshoot generator, portable ge...	JP Morgan Chase - Primary ...	
PC270...	Bill	11/08/202		new battery for Seafirth #1 generator, minus vendor credit...	7011 · Pumps & Lines Mainte...	-22.46
SW27...	Bill	02/12/202		Inv SW270060940, repairs for portable generator. M-25-029	7011 · Pumps & Lines Mainte...	-416.07
SW27...	Bill	02/27/202		emergency visit & troubleshoot generator. PO M-25-039	7041 · Paradise Parts & Service	-1,349.53
TOTAL						-1,788.06
11123	Bill Pmt -Che...	03/11/202	PLATT Electric Supply	new storage shed feeder conduit parts, material to up...	JP Morgan Chase - Primary ...	
8Z70684	Bill	02/17/202		new storage shed feeder conduit parts. PO M-25-012	7021 · Plant Maintenance Sup...	-1,426.93
8Z85293	Bill	02/17/202		material to upgrade conduits, plugs, switches, etc. PO M-...	7021 · Plant Maintenance Sup...	-1,782.72
TOTAL						-3,209.65
11124	Bill Pmt -Che...	03/11/202	Roy's Sewer Service, Inc.	OT Emergency call out, service call	JP Morgan Chase - Primary ...	
229727	Bill	02/09/202		Inv 229727, 82 Marinero Circle	7011 · Pumps & Lines Mainte...	-2,000.00
229658	Bill	02/13/202		Inv 229658, 28 Marinero Dr	7011 · Pumps & Lines Mainte...	-375.00
TOTAL						-2,375.00

03/10/25

**Sanitary District No.5 of Marin County
Warrant List Detail**

February 14 through March 11, 2025

Num	Type	Date	Name	Memo	Account	Paid Amou...
11125	Bill Pmt -Che...	03/11/202	Sewer Tech Inc	Operations office: roofing, Shop renovation: drywall ...	JP Morgan Chase - Primary ...	
2020/1...	Bill	02/13/202		Operations office: roofing	9310.17 · Storage Rm/Ops C...	-17,500.00
2020/1...	Bill	02/13/202		Shop renovation: drywall & paint building inside & out	9310.17 · Storage Rm/Ops C...	-32,300.00
2020/1...	Bill	02/13/202		Operators control office: tee bar ceiling & installation of flo...	9310.17 · Storage Rm/Ops C...	-11,000.00
TOTAL						-60,800.00
11126	Bill Pmt -Che...	03/11/202	Southern Counties Lubr...	red dye diesel for Main Plant generator	JP Morgan Chase - Primary ...	
776919	Bill	02/20/202		red dye diesel for MP generator. PO M-25-037	7021 · Plant Maintenance Sup...	-2,198.63
TOTAL						-2,198.63
11127	Bill Pmt -Che...	03/11/202	Special Dist Risk Mgmt ...	Basic Life & ADD, LTD, Dental, Vision - Apr 2025	JP Morgan Chase - Primary ...	
H47376	Bill	03/05/202		Basic Life & ADD, LTD, Dental, Vision - Apr 2025	8020.05 · Employee Health	-1,866.81
TOTAL						-1,866.81
11128	Bill Pmt -Che...	03/11/202	T-Mobile *1446 cell	staff cell phones, New Acct #, Stmt Date 2/22/25: 1/25/...	JP Morgan Chase - Primary ...	
Stmt D...	Bill	02/13/202		Stmt Date 2/22/25: 1/21/25-2/20/25, Feb 2025	8531 · Main Plant Telephones	-362.72
TOTAL						-362.72
11129	Bill Pmt -Che...	03/11/202	T-Mobile *8704 SIM	(6) SIM cards for pump stations - Jan & Feb 2025	JP Morgan Chase - Primary ...	
Bill Dat...	Bill	02/20/202		(6) SIM cards for pump stations - Jan 2025: 12/19/24-1/18/25	8533 · Pumps & Lines Teleph...	-60.00
				(6) SIM cards for pump stations - Feb 2025: 1/19/25-2/18/25	8533 · Pumps & Lines Teleph...	-60.00
TOTAL						-120.00
11130	Bill Pmt -Che...	03/11/202	Terminix Processing Ce...	pest control - Feb 2025	JP Morgan Chase - Primary ...	
45659...	Bill	02/12/202		pest control - Feb 2025, DOS 2/12/25	7028 · Grounds Maintenance	-505.00
TOTAL						-505.00

03/10/25

**Sanitary District No.5 of Marin County
Warrant List Detail**

February 14 through March 11, 2025

Num	Type	Date	Name	Memo	Account	Paid Amou...
11131	Bill Pmt -Che...	03/11/202	Thatcher Company of C...	sodium bisulfite 25 %	JP Morgan Chase - Primary ...	
20252...	Bill	02/14/202		sodium bisulfite 25 %. PO O-25-046	7024 · Main Plant Chemicals	-8,512.93
TOTAL						-8,512.93
11132	Bill Pmt -Che...	03/11/202	U.S. Bank cc *3611	Stmt Date 2/25/25: CASA meeting, CWEA conference, ...	JP Morgan Chase - Primary ...	
Stmt D...	Bill	03/06/202		Hilton Hotels Palm Springs, CASA meeting, Tony, 2/3/25	6018.1 · Meetings & Travel	-882.48
				USPS, stamps, 2/5/25	6056 · Postage	-219.00
				CWEA Full Conference Early Bird Member, D. LaTorre, 2/...	6018.1 · Meetings & Travel	-805.00
				Southwest Airlines for CWEA Conference, D. LaTorre, 2/1...	6018.1 · Meetings & Travel	-348.96
				Fast Gas & Market, 2/20/25	7071 · Fuel	-15.11
				Wastewater Review-Grade V, Sacramento, A. Farrington, ...	6020 · Continuing Education	-800.00
TOTAL						-3,070.55
11133	Bill Pmt -Che...	03/11/202	USA Blue Book	(6) certified thermometers, muffle furnace, stir bar kit, ...	JP Morgan Chase - Primary ...	
INV00...	Bill	02/06/202		certified thermometers. PO O-25-042	7025 · Lab Supplies & Chemi...	-534.43
INV00...	Bill	02/12/202		stir bar kit, pyrex beakers. PO P-25-042	7025 · Lab Supplies & Chemi...	-211.43
INV00...	Bill	02/13/202		muffle furnace. PO O-25-024	7025 · Lab Supplies & Chemi...	-1,984.77
INV00...	Bill	02/19/202		scraper for wet wells, gloves. PO M-25-036	7021 · Plant Maintenance Sup...	-223.99
TOTAL						-2,954.62
11134	Bill Pmt -Che...	03/11/202	Waste Management, Re...	3-78482-75002	JP Morgan Chase - Primary ...	
01125...	Bill	02/01/202		landfill garbage - Jan 2025	7029 · Main Plant Sludge Dis...	-325.50
TOTAL						-325.50
11135	Bill Pmt -Che...	03/11/202	Water Components & B...	materials to bypass plant water filter	JP Morgan Chase - Primary ...	
30657...	Bill	02/18/202		materials to bypass plant water filter. PO M-25-034	7021 · Plant Maintenance Sup...	-68.20
TOTAL						-68.20

03/10/25

Sanitary District No.5 of Marin County
Warrant List Detail
February 14 through March 11, 2025

Num	Type	Date	Name	Memo	Account	Paid Amou...
11136	Bill Pmt -Che...	03/11/202	Weco Industries, LLC	new rod for Rodder truck, parts for Rodder truck clea...	JP Morgan Chase - Primary ...	
00550...	Bill	02/03/202		parts for Rodder truck cleaning. PO M-25-002	7011 · Pumps & Lines Mainte...	-3,353.68
00551...	Bill	02/05/202		new rod for the Rodder truck. PO M-25-007	7072 · Maintenance	-3,536.88
TOTAL						-6,890.56
11137	Bill Pmt -Che...	03/11/202	WorkSmart Automation,...	Mar West PS modifications, PLC & SCADA	JP Morgan Chase - Primary ...	
5489	Bill	03/03/202		Mar West PS modifications, PLC & SCADA	8510 · Data/Alarms/IT Supp &...	-2,149.50
TOTAL						-2,149.50

2:37 PM
03/10/25

Sanitary District No.5 of Marin County
Budget vs Actual Expenses
July 1, 2024 through March 11, 2025

	Jul 1, '24 - Mar 11, 25	Budget	\$ Over Budget	% of Bud...
Ordinary Income/Expense				
Income				
5000 · Property Taxes / AD VALOREM				
5001.2 · TEETER	589,906.02	999,999.00	-410,092.98	59.0%
5002 · UNSEC	17,899.42	16,000.00	1,899.42	111.9%
5003 · PUNS / PRIOR UNSECURED	1,192.84	1,500.00	-307.16	79.5%
5004 · REDEMPTION / RDMPT	561.13	0.00	561.13	100.0%
5006 · SPLU	917.75	100.00	817.75	917.8%
5041 · SUPSEC	9,182.82	20,000.00	-10,817.18	45.9%
5043 · SECU	182.74	0.00	182.74	100.0%
5046 · Excess ERAF	285,016.38	300,000.00	-14,983.62	95.0%
5280 · HOPTR	1,755.87	3,000.00	-1,244.13	58.5%
5483 · Other tax	7.78	7,000.00	-6,992.22	0.1%
Total 5000 · Property Taxes / AD VALOREM	906,622.75	1,347,599.00	-440,976.25	67.3%
5007 · Sewer Service Charge				
5007.1 · Sewer Service - Ops	3,562,283.70	5,115,266.00	-1,552,982.30	69.6%
5007.2 · Sewer Service - Cap	0.00	1,028,242.00	-1,028,242.00	0.0%
Total 5007 · Sewer Service Charge	3,562,283.70	6,143,508.00	-2,581,224.30	58.0%
5201 · INTEREST				
5201.1 · Interest County of Marin	1,832.19	100.00	1,732.19	1,832.2%
5201.2 · Interest - LAIF	515,614.79	200,000.00	315,614.79	257.8%
5201.5 · Income Dividend Reinvest-CLASS	18,887.06	0.00	18,887.06	100.0%
Total 5201 · INTEREST	536,334.04	200,100.00	336,234.04	268.0%
5900.3 · Connection Fees				
5900.31 · Collection	84,487.00	200,000.00	-115,513.00	42.2%
5900.34 · Treatment	87,437.00	200,000.00	-112,563.00	43.7%
5900.3 · Connection Fees - Other	113,916.00	0.00	113,916.00	100.0%
Total 5900.3 · Connection Fees	285,840.00	400,000.00	-114,160.00	71.5%
5900.4 · Permit Inspection & Admin Fees	25,975.00	35,000.00	-9,025.00	74.2%
5900.5 · SASM Expense Reimb.	24,466.29	75,000.00	-50,533.71	32.6%
5900.9 · Other Income	265.21	0.00	265.21	100.0%
Total Income	5,341,786.99	8,201,207.00	-2,859,420.01	65.1%
Gross Profit	5,341,786.99	8,201,207.00	-2,859,420.01	65.1%
Expense				
6000 · Administrative Expenses				
6001 · Advertising	4,680.00	0.00	4,680.00	100.0%
6008 · Audit & Accounting	71,452.72	90,000.00	-18,547.28	79.4%
6017 · Consulting Fees	556,722.96	125,000.00	431,722.96	445.4%
6018 · Travel & Meetings				
6018.1 · Meetings & Travel	16,359.17	17,000.00	-640.83	96.2%
6018.2 · Standby Mileage Expense Reimb	2,562.52	8,000.00	-5,437.48	32.0%
6018 · Travel & Meetings - Other	793.01	0.00	793.01	100.0%
Total 6018 · Travel & Meetings	19,714.70	25,000.00	-5,285.30	78.9%
6020 · Continuing Education	5,841.13	10,000.00	-4,158.87	58.4%
6021 · County Fees	10,108.74	16,590.00	-6,481.26	60.9%
6024 · Director Fees	2,700.00	9,000.00	-6,300.00	30.0%
6025 · Dues & Subscriptions	21,593.31	35,000.00	-13,406.69	61.7%
6026 · Elections	250.00	10,000.00	-9,750.00	2.5%
6033 · Insurance				
6033.1 · Insurance - SD5 Property	69,285.84	100,000.00	-30,714.16	69.3%
6033.2 · Insurance - SD5 Liability	67,472.00	60,000.00	7,472.00	112.5%
6033.3 · Insurance - SD5 Auto	4,643.00	10,000.00	-5,357.00	46.4%
6033 · Insurance - Other	11.30	0.00	11.30	100.0%
Total 6033 · Insurance	141,412.14	170,000.00	-28,587.86	83.2%
6039 · Legal	16,513.21	50,000.00	-33,486.79	33.0%
6047 · Office Supplies	7,628.43	11,000.00	-3,371.57	69.3%
6056 · Postage	-1,947.73	1,300.00	-3,247.73	-149.8%
6059 · Pollution Prevention/Public Edu	911.69	5,500.00	-4,588.31	16.6%
6065 · Miscellaneous Expense	1,420.45	0.00	1,420.45	100.0%
Total 6000 · Administrative Expenses	859,001.75	558,390.00	300,611.75	153.8%
7000 · Ops & Maintenance Expenses				
7010 · Pumps & Lines Maintenance				
7011 · Pumps & Lines Maintenance	87,834.00	200,000.00	-112,166.00	43.9%
7013 · Emergency Line Repair	17,119.16	100,000.00	-82,880.84	17.1%
7014 · Televising/Sewer Line Assessmen	24.35	0.00	24.35	100.0%
Total 7010 · Pumps & Lines Maintenance	104,977.51	300,000.00	-195,022.49	35.0%
7020 · Main Plant Maintenance				
7021 · Plant Maintenance Supplies	20,991.67	80,000.00	-59,008.33	26.2%
7022 · Plant Maint. Parts & Service	160,445.06	300,000.00	-139,554.94	53.5%
7023 · Janitorial Supplies & Service	3,756.61	10,000.00	-6,243.39	37.6%
7024 · Main Plant Chemicals	111,904.33	165,000.00	-53,095.67	67.8%
7025 · Lab Supplies & Chemicals	22,787.29	25,000.00	-2,212.71	91.1%
7026 · SASM Supplies & Chem	302.07	0.00	302.07	100.0%
7027 · Electrical & Instrument	14,262.29	30,000.00	-15,737.71	47.5%
7028 · Grounds Maintenance	10,795.75	8,000.00	2,795.75	134.9%
7029 · Main Plant Sludge Disposal	31,712.07	55,000.00	-23,287.93	57.7%
7030 · Main Plant Outfall	11,592.50	0.00	11,592.50	100.0%
Total 7020 · Main Plant Maintenance	388,549.64	673,000.00	-284,450.36	57.7%
7040 · Paradise Cove Plant Maint				
7041 · Paradise Parts & Service	2,178.20	20,000.00	-17,821.80	10.9%
7042 · Paradise Supplies & Chemicals	3,245.05	6,500.00	-3,254.95	49.9%
7043 · Paradise Sludge Disposal	0.00	3,000.00	-3,000.00	0.0%
Total 7040 · Paradise Cove Plant Maint	5,423.25	29,500.00	-24,076.75	18.4%
7050 · Monitoring				
7051 · Main Plant Lab Monitoring	31,887.23	50,000.00	-18,112.77	63.8%
7052 · Paradise Cove Monitoring	5,696.70	9,000.00	-3,303.30	63.3%
7053 · Chronic Toxicity	16,710.00	15,000.00	1,710.00	111.4%
Total 7050 · Monitoring	54,293.93	74,000.00	-19,706.07	73.4%
7060 · Permits/Fees				
7062 · Permits/Fees - General	33,926.67	50,000.00	-16,073.33	67.9%

Sanitary District No.5 of Marin County
Budget vs Actual Expenses
July 1, 2024 through March 11, 2025

	Jul 1, '24 - Mar 11, 25	Budget	\$ Over Budget	% of Bud...
7063 - Paradise Cove Permits/Fees	547.00	9,000.00	-8,453.00	6.1%
Total 7060 - Permits/Fees	34,473.67	59,000.00	-24,526.33	58.4%
7070 - Truck Maintenance				
7071 - Fuel	22,356.89	20,000.00	2,356.89	111.8%
7072 - Maintenance	24,155.68	30,000.00	-5,844.32	80.5%
Total 7070 - Truck Maintenance	46,512.57	50,000.00	-3,487.43	93.0%
Total 7000 - Ops & Maintenance Expenses	634,230.57	1,185,500.00	-551,269.43	53.5%
8000 - Salaries and Benefits Expenses				
8001 - Salaries	1,042,712.34	1,636,798.00	-594,085.66	63.7%
8003 - Overtime	84,520.82	125,000.00	-40,479.18	67.6%
8004 - Standby Pay	52,966.66	80,000.00	-27,033.34	66.2%
8005 - Employee Incentives	31,000.00	25,000.00	6,000.00	124.0%
8006 - Vacation Buyout	31,674.80	80,000.00	-48,325.20	39.6%
8008 - Deferred Comp 457				
8008.01 - Deferred Comp 457 MATCH	-63,369.72	0.00	-63,369.72	100.0%
8008 - Deferred Comp 457 - Other	110,158.11	60,000.00	50,158.11	183.6%
Total 8008 - Deferred Comp 457	46,788.39	60,000.00	-13,211.61	78.0%
8013 - Payroll Taxes	91,069.45	110,000.00	-18,930.55	82.8%
8015 - Payroll Service Processing Fees	7,434.04	8,000.00	-565.96	92.9%
8016 - Car Allowance	8,000.00	8,000.00	0.00	100.0%
8019 - PERS Retirement				
8019.05 - PERS Retirement	129,642.39	312,067.00	-182,424.61	41.5%
8019.10 - PERS Retirement Trust	0.00	68,000.00	-68,000.00	0.0%
8019 - PERS Retirement - Other	80.00	0.00	80.00	100.0%
Total 8019 - PERS Retirement	129,722.39	380,067.00	-250,344.61	34.1%
8020 - Employee Health				
8020.05 - Employee Health	229,440.20	300,000.00	-70,559.80	76.5%
8021 - Employee Health Deductions				
8021.05 - EE Health & Wellness	4,149.83	0.00	4,149.83	100.0%
8021.10 - EE Medical Opt-Out	3,200.00	0.00	3,200.00	100.0%
8021.15 - EE Medical FSA (PreTax)	-4,199.96	0.00	-4,199.96	100.0%
8021 - Employee Health Deductions - Other	-2,040.50	2,500.00	-4,540.50	-81.6%
Total 8021 - Employee Health Deductions	1,109.37	2,500.00	-1,390.63	44.4%
Total 8020 - Employee Health	230,549.57	302,500.00	-71,950.43	76.2%
8022 - Retiree Health				
8022.05 - Retiree Health	83,160.37	75,000.00	8,160.37	110.9%
8022.10 - CERBT/OPEB Annual Arc Contribtn	0.00	140,000.00	-140,000.00	0.0%
Total 8022 - Retiree Health	83,160.37	215,000.00	-131,839.63	38.7%
8023 - Workers Comp Insurance	32,410.76	56,000.00	-23,589.24	57.9%
Total 8000 - Salaries and Benefits Expenses	1,872,009.59	3,086,365.00	-1,214,355.41	60.7%
8500 - Other Operating Expenses				
8510 - Data/Alarms/IT Supp & Licensing	70,924.36	100,000.00	-29,075.64	70.9%
8515 - Safety				
8515.01 - Boot Allowance	1,554.10	0.00	1,554.10	100.0%
8515.02 - Eye Protection Allowance	119.08	0.00	119.08	100.0%
8515 - Safety - Other	14,967.17	60,000.00	-45,032.83	24.9%
Total 8515 - Safety	16,640.35	60,000.00	-43,359.65	27.7%
8520 - Personal Protection/Safety Wear	4,472.28	15,000.00	-10,527.72	29.8%
8530 - Telephone				
8531 - Main Plant Telephones	10,186.24	12,000.00	-1,813.76	84.9%
8532 - Paradise Cove Telephones	2,488.06	1,500.00	988.06	165.9%
8533 - Pumps & Lines Telephones	3,503.56	7,000.00	-3,496.44	50.1%
8530 - Telephone - Other	811.67	0.00	811.67	100.0%
Total 8530 - Telephone	16,989.53	20,500.00	-3,510.47	82.9%
8540 - Utilities				
8541 - Water	9,521.89	11,000.00	-1,478.11	86.6%
8542 - Main Plant Utilities	176,699.21	240,000.00	-63,300.79	73.6%
8543 - Paradise Cove Utilities	23,976.29	35,000.00	-11,023.71	68.5%
8544 - Pump Station Utilities	43,522.27	65,000.00	-21,477.73	67.0%
Total 8540 - Utilities	253,719.66	351,000.00	-97,280.34	72.3%
Total 8500 - Other Operating Expenses	362,746.18	546,500.00	-183,753.82	66.4%
Total Expense	3,727,988.09	5,376,755.00	-1,648,766.91	69.3%
Net Ordinary Income	1,613,798.90	2,824,452.00	-1,210,653.10	57.1%
Other Income/Expense				
Other Expense				
9000 - Capital Improvements CIP				
9100 - Collection System CIP				
9110 - Maint/Coll Vehicle Replacements				
9110.2 - Crane Service Truck Replacement	216,076.20	0.00	216,076.20	100.0%
Total 9110 - Maint/Coll Vehicle Replacements	216,076.20	0.00	216,076.20	100.0%
9109 - Large PS CIP Projects				
9109.2 - Bel PS#1 Rehabilitation Project	54,832.75	0.00	54,832.75	100.0%
Total 9109 - Large PS CIP Projects	54,832.75	0.00	54,832.75	100.0%
9106 - Manhole Replacement Project	24,106.96	0.00	24,106.96	100.0%
9103 - Valve & Wet Well Improvements				
9103.1 - Tib Valve & WW Replacements	14,565.71	0.00	14,565.71	100.0%
Total 9103 - Valve & Wet Well Improvements	14,565.71	0.00	14,565.71	100.0%
9102 - Pump Replacement CIP				
9102.2 - Belvedere Pump Replacements	30,128.14	0.00	30,128.14	100.0%
Total 9102 - Pump Replacement CIP	30,128.14	0.00	30,128.14	100.0%
9101 - Sewer Rehab Projects				
9101.1 - Tiburon Sewer Line Rehab	172,334.00	0.00	172,334.00	100.0%

Sanitary District No.5 of Marin County

Budget vs Actual Expenses

July 1, 2024 through March 11, 2025

	Jul 1, '24 - Mar 11, 25	Budget	\$ Over Budget	% of Bud...
Total 9101 - Sewer Rehab Projects	172,334.00	0.00	172,334.00	100.0%
Total 9100 - Collection System CIP	512,043.76	0.00	512,043.76	100.0%
9300 - Main Plant Equipment Capital				
9309 - Solids Handling Improvements				
9309.10 - SP LC/PLC Panel Replacement	62,183.37	0.00	62,183.37	100.0%
Total 9309 - Solids Handling Improvements	62,183.37	0.00	62,183.37	100.0%
9302 - DW/WW Pri Clarifiers CIP				
9302.03 - DW Pri #1 Scum Coll Replacement	18,000.00	0.00	18,000.00	100.0%
9302.16 - DW Clarifier Wall Rehabilitatio	19,800.00	0.00	19,800.00	100.0%
Total 9302 - DW/WW Pri Clarifiers CIP	37,800.00	0.00	37,800.00	100.0%
9310 - Facility Support CIP				
9310.12 - MCC MP#2 HVAC Replacement	20,960.00	0.00	20,960.00	100.0%
9310.17 - Storage Rm/Ops Control Upgrade	221,019.82	0.00	221,019.82	100.0%
9310.16 - M.P. Roll-Up Door Replacement	59,081.00	0.00	59,081.00	100.0%
Total 9310 - Facility Support CIP	301,060.82	0.00	301,060.82	100.0%
Total 9300 - Main Plant Equipment Capital	401,044.19	0.00	401,044.19	100.0%
9500 - Undesignated Capital				
9510 - Undesignated Cap - M.P.	21,059.35	0.00	21,059.35	100.0%
Total 9500 - Undesignated Capital	21,059.35	0.00	21,059.35	100.0%
Total 9000 - Capital Improvements CIP	934,147.30	0.00	934,147.30	100.0%
9700 - Debt Service				
9730 - Debt Service - MPR Project				
9730.01 - Zion Loan - Principal	625,000.00	0.00	625,000.00	100.0%
9730.02 - Zion Loan - Interest	67,642.01	0.00	67,642.01	100.0%
Total 9730 - Debt Service - MPR Project	692,642.01	0.00	692,642.01	100.0%
Total 9700 - Debt Service	692,642.01	0.00	692,642.01	100.0%
Total Other Expense	1,626,789.31	0.00	1,626,789.31	100.0%
Net Other Income	-1,626,789.31	0.00	-1,626,789.31	100.0%
Net Income	-12,990.41	2,824,452.00	-2,837,442.41	-0.5%



0000184-0000746 PDF 752622

**Sanitary District No. 5 of Marin County
PO Box 227
Tiburon, CA 94920**

California CLASS

California CLASS

Average Monthly Yield: 4.4125%

		Beginning Balance	Contributions	Withdrawals	Income Earned	Income Earned YTD	Average Daily Balance	Month End Balance
CA-01-0195-0001	Emergency Replacement Fund	1,016,534.01	0.00	0.00	3,442.00	7,247.20	1,016,656.94	1,019,976.01
CA-01-0195-0002	CalPERS UAL Fund	142,304.05	0.00	0.00	481.84	1,014.53	142,321.26	142,785.89
TOTAL		1,158,838.06	0.00	0.00	3,923.84	8,261.73	1,158,978.20	1,162,761.90



Emergency Replacement Fund

Account Summary

Average Monthly Yield: 4.4125%

	Beginning Balance	Contributions	Withdrawals	Income Earned	Income Earned YTD	Average Daily Balance	Month End Balance
California CLASS	1,016,534.01	0.00	0.00	3,442.00	7,247.20	1,016,656.94	1,019,976.01

Transaction Activity

Transaction Date	Transaction Description	Contributions	Withdrawals	Balance	Transaction Number
02/01/2025	Beginning Balance			1,016,534.01	
02/28/2025	Income Dividend Reinvestment	3,442.00			
02/28/2025	Ending Balance			1,019,976.01	



CalPERS UAL Fund

Account Summary

Average Monthly Yield: 4.4125%

	Beginning Balance	Contributions	Withdrawals	Income Earned	Income Earned YTD	Average Daily Balance	Month End Balance
California CLASS	142,304.05	0.00	0.00	481.84	1,014.53	142,321.26	142,785.89

Transaction Activity

Transaction Date	Transaction Description	Contributions	Withdrawals	Balance	Transaction Number
02/01/2025	Beginning Balance			142,304.05	
02/28/2025	Income Dividend Reinvestment	481.84			
02/28/2025	Ending Balance			142,785.89	



California CLASS

California CLASS

Date	Dividend Rate	Daily Yield
02/01/2025	0.00000000	4.4263%
02/02/2025	0.00000000	4.4263%
02/03/2025	0.000121029	4.4175%
02/04/2025	0.000120934	4.4141%
02/05/2025	0.000120578	4.4011%
02/06/2025	0.000120636	4.4032%
02/07/2025	0.000362865	4.4149%
02/08/2025	0.00000000	4.4149%
02/09/2025	0.00000000	4.4149%
02/10/2025	0.000120574	4.4010%
02/11/2025	0.000120684	4.4050%
02/12/2025	0.000120616	4.4025%
02/13/2025	0.000120535	4.3995%
02/14/2025	0.000482480	4.4026%
02/15/2025	0.00000000	4.4026%
02/16/2025	0.00000000	4.4026%
02/17/2025	0.00000000	4.4026%
02/18/2025	0.000120870	4.4118%
02/19/2025	0.000121440	4.4326%
02/20/2025	0.000121021	4.4173%
02/21/2025	0.000362643	4.4122%
02/22/2025	0.00000000	4.4122%
02/23/2025	0.00000000	4.4122%
02/24/2025	0.000121115	4.4207%
02/25/2025	0.000119018	4.4177%
02/26/2025	0.000120882	4.4122%
02/27/2025	0.000124999	4.4154%
02/28/2025	0.000121466	4.4335%

Performance results are shown net of all fees and expenses and reflect the reinvestment of dividends and other earnings. Many factors affect performance including changes in market conditions and interest rates and in response to other economic, political, or financial developments. Investment involves risk including the possible loss of principal. No assurance can be given that the performance objectives of a given strategy will be achieved. **Past performance is no guarantee of future results. Any financial and/or investment decision may incur losses.**

3:07 PM
03/10/25

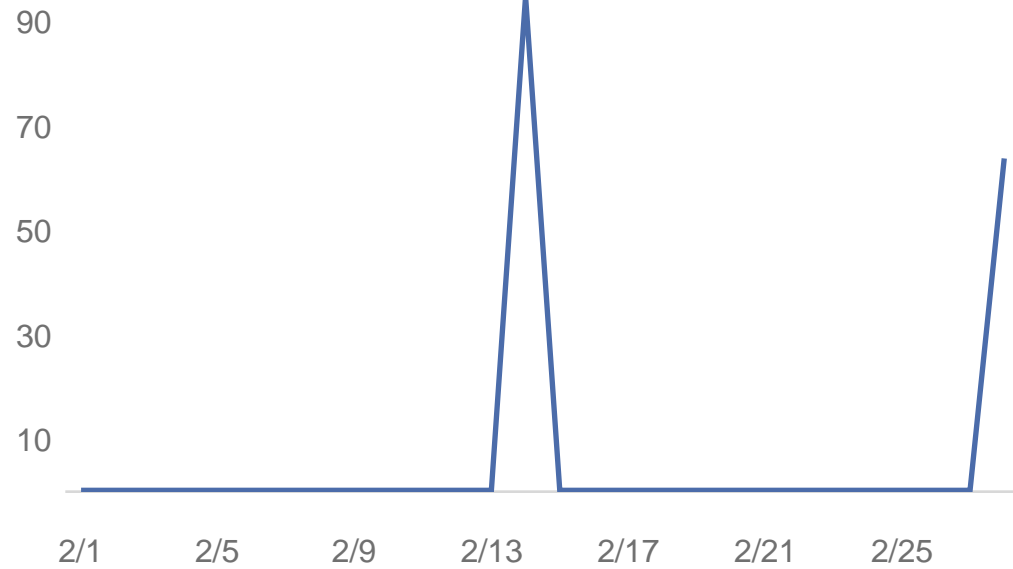
Sanitary District No.5 of Marin County
Comparative Balance Sheet
As of March 11, 2025

	Mar 11, 25	Feb 11, 25	\$ Change
ASSETS			
Current Assets			
Checking/Savings			
JP Morgan Chase - Primary 7399	-32,861.89	134,796.97	-167,658.86
JP Morgan Chase - Payroll 7506	85,827.97	96,164.49	-10,336.52
JP Morgan Chase - Transfer 7522	61,451.17	10,314.30	51,136.87
Local Agency Investment Fund			
SD5 Operating Reserve	1,200,853.05	1,200,853.05	0.00
SD5 Operating	4,065,883.61	4,565,883.61	-500,000.00
SD5 Capital & CIP Reserve	9,725,065.99	9,725,065.99	0.00
Total Local Agency Investment Fund	14,991,802.65	15,491,802.65	-500,000.00
California CLASS			
CalPERS UAL Fund	142,304.05	142,304.05	0.00
Emergency Replacement Fund	1,016,534.01	1,016,534.01	0.00
Total California CLASS	1,158,838.06	1,158,838.06	0.00
Total Checking/Savings	16,265,057.96	16,891,916.47	-626,858.51
Accounts Receivable			
Accounts Receivable	296,090.31	296,090.31	0.00
Total Accounts Receivable	296,090.31	296,090.31	0.00
Other Current Assets			
Petty Cash	200.00	200.00	0.00
Prepaid Expense	100,447.47	100,447.47	0.00
Total Other Current Assets	100,647.47	100,647.47	0.00
Total Current Assets	16,661,795.74	17,288,654.25	-626,858.51
Fixed Assets	18,809,559.07	18,809,559.07	0.00
TOTAL ASSETS	35,471,354.81	36,098,213.32	-626,858.51
LIABILITIES & EQUITY			
Liabilities	5,244,332.58	5,529,818.52	-285,485.94
Equity			
3900 - Net Assets	30,240,012.64	30,240,012.64	0.00
Net Income	-12,990.41	328,382.16	-341,372.57
Total Equity	30,227,022.23	30,568,394.80	-341,372.57
TOTAL LIABILITIES & EQUITY	35,471,354.81	36,098,213.32	-626,858.51

Monthly Overtime hours- February 2025



Check date



Feb 1, 2025 - Feb 28, 2025

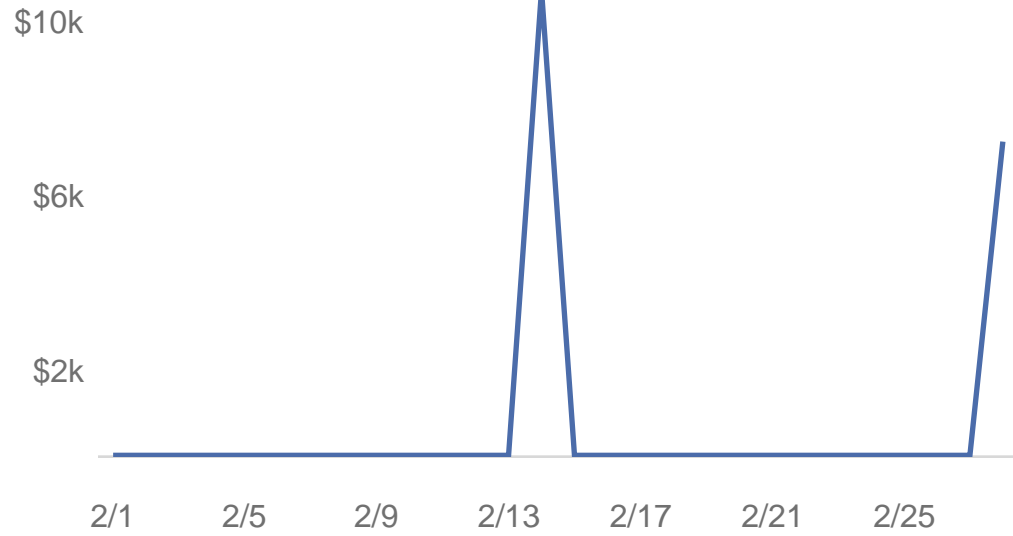
● My Company

158 hrs

Monthly Overtime amounts February 2025



Check date



Feb 1, 2025 - Feb 28, 2025

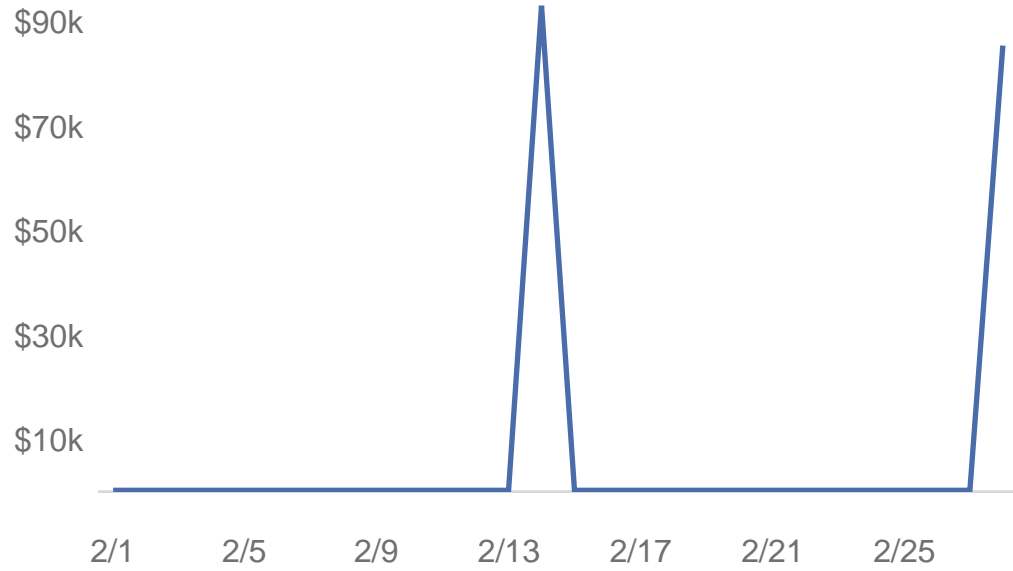
● My Company

\$17,884.43

Monthly Total Labor cost February 2025



Check date



Feb 1, 2025 - Feb 28, 2025

● My Company

\$177,810.90

Full name	February 2025	
	Monthly OT \$amounts	Monthly OT hours
Adams, Nathanael T		
Alvarez, Joel		
Bilsborough Sr., Chad E	5007.37	44.50
Collodi, Pete		
Cottrell III, Rulon K	3365.15	24.00
Farrington, Abigail V	1326.26	16.00
LaTorre, Daniel P	5835.84	44.00
Rosser, John M		
Rubio, Antonio		
Salazar, Ignacio G	832.87	12.00
Screechfield-Lablue, Pierce L	416.44	6.00
Triola, Joseph	1100.50	11.50
	17884.43	158.00

Yearly to Date Overtime hours 2025



Check date



Jul 1, 2024 - Feb 28, 2025

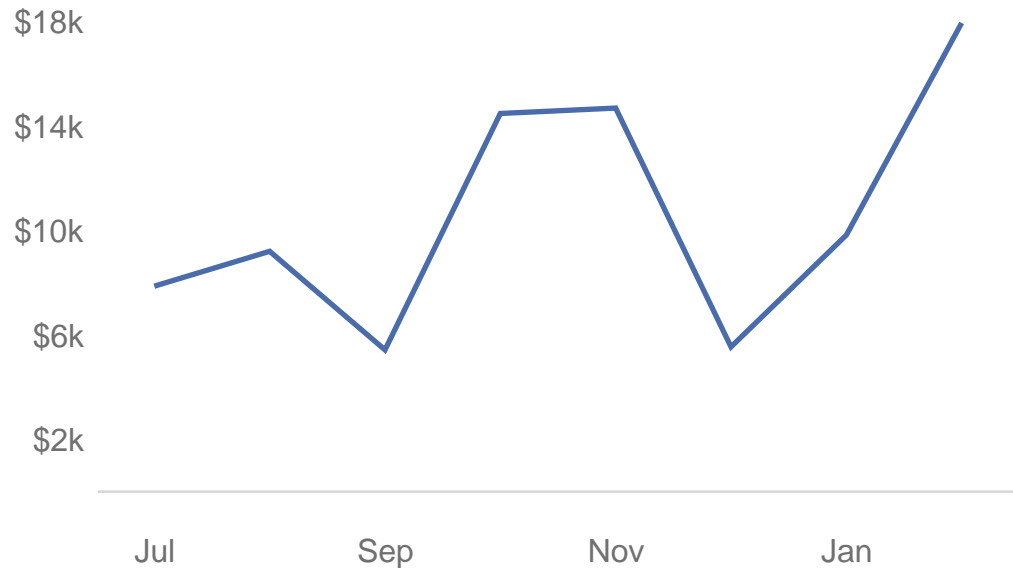
● My Company

783.5 hrs

Yearly to Date Overtime amounts 2025



Check date



Jul 1, 2024 - Feb 28, 2025

● My Company

\$84,520.82

To Date Yearly Labor cost



Check date

\$250k

\$150k

\$50k

Jul

Sep

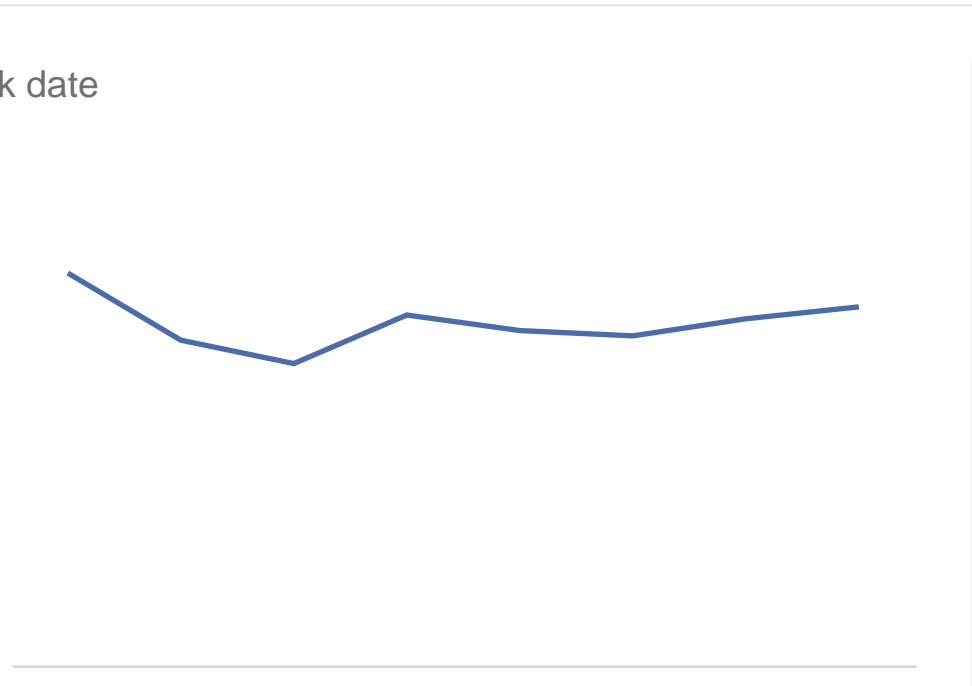
Nov

Jan

Jul 1, 2024 - Feb 28, 2025

● My Company

\$1,358,494.12



Full name	Yearly to Date Overtime 2025	
	Overtime amounts \$	Overtime hours
Adams, Nathanael T		
Alvarez, Joel		
Bilsborough Sr., Chad E	15872.87	148.00
Collodi, Pete	1211.65	17.00
Cottrell III, Rulon K	18445.99	139.00
Farrington, Abigail V	3780.89	49.50
LaTorre, Daniel P	23451.29	186.00
Rosser, John M	7192.00	72.00
Rubio, Antonio		
Salazar, Ignacio G	3528.10	50.00
Screechfield-Lablue, Pierce L	1629.53	24.00
Triola, Joseph	9408.50	98.00
	84520.82	783.50

CASH REQUIREMENTS

CASH REQUIRED FOR NEGOTIABLE CHECKS &/OR ELECTRONIC FUNDS TRANSFERS (EFT) FOR CHECK DATE 02/14/25: \$82,911.11

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)	82,911.11	
	CASH REQUIRED FOR NEGOTIABLE CHECKS &/OR EFT	82,911.11	
	TOTAL REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES	9,804.77	
	CASH REQUIRED FOR CHECK DATE 02/14/25	<u>92,715.88</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
02/13/25	CHASE BANK, NA	xxxxxxxxxxxxx506	Direct Deposit	Net Pay Allocations	56,698.97	56,698.97
02/13/25	CHASE BANK, NA	xxxxxxxxxxxxx506	Taxpay®	Employee Withholdings		
				Social Security	5,023.56	
				Medicare	1,174.86	
				Fed Income Tax	9,747.12	
				CA Income Tax	4,068.19	
				Total Withholdings	<u>20,013.73</u>	
				Employer Liabilities		
				Social Security	5,023.56	
				Medicare	1,174.85	
				Total Liabilities	<u>6,198.41</u>	26,212.14
				EFT FOR 02/13/25		82,911.11
				TOTAL EFT		82,911.11

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>
02/14/25	Refer to your records for account Information		Payroll	Employee Deductions		
				401A Member Contribu	5,026.41	
				Calpers 457B Roth	2,783.00	
				Calpers 457B TRDL	1,226.67	
				Med 125	118.69	

CASH REQUIREMENTS

CASH REQUIRED FOR NEGOTIABLE CHECKS &/OR ELECTRONIC FUNDS TRANSFERS (EFT) FOR CHECK DATE 02/14/25: \$82,911.11

REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES (cont.) - 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>
02/14/25	Refer to your records for account	Information	Payroll	Employee Deductions (cont.)	
				Med FSA EE Pretax	650.00
				Total Deductions	9,804.77
TOTAL REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES					9,804.77

PAYCHEX WILL MAKE THESE TAX DEPOSIT(S) ON YOUR BEHALF - This information serves as a record of payment.

<u>DUE DATE</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>	
02/20/25	Taxpay®	FED IT PMT Group	22,143.95
02/20/25	Taxpay®	CA IT PMT Group	4,068.19

CASH REQUIREMENTS

CASH REQUIRED FOR NEGOTIABLE CHECKS &/OR ELECTRONIC FUNDS TRANSFERS (EFT) FOR CHECK DATE 02/28/25: \$76,530.25

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)	76,530.25
	CASH REQUIRED FOR NEGOTIABLE CHECKS &/OR EFT	76,530.25
	TOTAL REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES	8,564.77
	CASH REQUIRED FOR CHECK DATE 02/28/25	85,095.02

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
02/27/25	CHASE BANK, NA	xxxxxxxxxxxx506	Direct Deposit	Net Pay Allocations	50,218.20	50,218.20
02/27/25	CHASE BANK, NA	xxxxxxxxxxxx506	Taxpay®	Employee Withholdings		
				Social Security	4,774.82	
				Medicare	1,116.70	
				Fed Income Tax	10,294.67	
				CA Income Tax	4,234.33	
				Total Withholdings	20,420.52	
				Employer Liabilities		
				Social Security	4,774.83	
				Medicare	1,116.70	
				Total Liabilities	5,891.53	26,312.05
				EFT FOR 02/27/25		76,530.25
				TOTAL EFT		76,530.25

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>
02/28/25	Refer to your records for account Information		Payroll	Employee Deductions		
				401A Member Contribu	5,026.41	
				Calpers 457B Roth	1,543.00	
				Calpers 457B TRDL	1,226.67	
				Med 125	118.69	

CASH REQUIREMENTS

CASH REQUIRED FOR NEGOTIABLE CHECKS &/OR ELECTRONIC FUNDS TRANSFERS (EFT) FOR CHECK DATE 02/28/25: \$76,530.25

REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES (cont.) - *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>
02/28/25	Refer to your records for account	Information	Payroll	Employee Deductions (cont.)	
				Med FSA EE Pretax	650.00
				Total Deductions	8,564.77
TOTAL REMAINING DEDUCTIONS / WITHHOLDINGS / LIABILITIES					8,564.77

PAYCHEX WILL MAKE THESE TAX DEPOSIT(S) ON YOUR BEHALF - *This information serves as a record of payment.*

<u>DUE DATE</u>	<u>PRODUCT</u>	<u>DESCRIPTION</u>	
03/05/25	Taxpay®	FED IT PMT Group	22,077.72
03/05/25	Taxpay®	CA IT PMT Group	4,234.33

March 2025

March 2025							April 2025						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
2	3	4	5	6	7	8	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28	29	30			
30	31												

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
Feb 23	24	25	26	27	28	Mar 1	
2	3	4	5	6	7	8	
		FY25-26 Budget Prep Begins					
		Jill K. - Check Run Prep		Jill K. - Check Run Prep/Print			
9	10	11	12	13	14	15	
		Jill K. - Check Run Prep 9:30am CIP Committee Meeting -Cancelled 11:00am Finance	9:00am Timecards Due All timecards must be completed approved TR off Admin	TR off Admin			
16	17	18	19	20	21	22	
	TR off Admin	Jill K. - Check Run Prep		5:00pm Regular Board Meeting (2001 Paradise Drive Tiburon CA 94920) -			
23	24	25	26	27	28	29	
		Jill K. - Check Run Prep		9:00am Timecards Due All timecards must be completed approved and submitted with			
30	31	Apr 1	2	3	4	5	

April 2025

April 2025							May 2025						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30				25	26	27	28	29	30	31

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Mar 30	31	Apr 1 Jill K. - Check Run Prep MPR Loan Due- Interest Charge Payment	2	3 Jill K. - Check Run Prep/Print	4	5
6	7	8 Jill K. - Check Run Prep	9	10 9:30am CIP Committee Meeting (2001 Paradise Dr (2001 10:30am Finance Committee Meeting (2001 PARADISE	11	12
13	14	15	16	17 Jill K. - Check Run Prep 5:00pm Regular Board Meeting (2001 Paradise Dr (2001 Paradise Dr, Belvedere Tiburon,	18	19
20	21	22 Jill K. - Check Run Prep	23 CWEA Annual Conference	24 CWEA Annual Conference	25 CWEA Annual Conference Jill K. - Check Run Prep/Print	26
27	28	29	30	May 1	2	3

Sanitary District No. 5 of Marin County



District Management Report

February 2025

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: March 20, 2025
To: Board of Directors
From: Tony Rubio, District Manager
Subject: Management Report for February 2025

Fiscal Status

Period Covered: July 1, 2024 –March 11, 2025
Percent of Fiscal Year: 66.6%
Percent of Budgeted Income to Date: 65.1%
Percent of Budgeted Expenditures to Date: 69.3% (operating only)

Personnel

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

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 February 2025 Include:

Financial/Budgetary/Business Administration

- Bookkeeper Jill Kalehua from DMMS (Daily Money Management Services) in 5 days a month to perform AR/AP functions for office.
- Business Server file clean up ongoing along with scanning of historical documents
- CIP Chart of Accounts List Created and updated into quickbooks

HR and Personnel

- Employee portal setup through website, staff portal is now completed and ready for launch working board member portal now.
- RFP sent out to consultants for the Total Compensation Review for all District positions – also posted on website

Continuing Education, Safety Training, Pollution Prevention Activities

- Work with DKF solutions on District safety program updates on-going.
- PPE Policy in process of being created
- Staff attended monthly Public Education Meeting.
- Submitted Annual P2 combined report onto CIWQS
- Abby Balf won Operator of the Year (State Award) AB, DL, TR to attend CWEA Annual Conference for continuing ed and for Abby's Award!

Collection System Performance

Main Plant Tiburon/Belvedere/Paradise Cove

- Rodder and Vactor preventative maintenance work is underway.
- No Spill Report Submitted for Paradise Cove Collection System

Treatment Plant Performance

Paradise Cove WWTP

- Getting additional proposal to pave access road at P Cove for improved access to site.

Tiburon Main WWTP:

- Submitted January 2025 Monthly SMR and DMR to the RWQCB on CIWQS.
- File Storage/Control Building Replacement completed- beginning to move filing cabinets back into building and out of the temporary area they were stored in (blower room)

Capital Improvement Projects

- 2024-25 Sewer Rehab -Project Awarded – Construction to begin late March early April
- Cove Road MCC and Generator replacement project out to Bid- pre construction meeting held on March 11th
- Digester Cleaning and Rehab project has begun- pipe supports removed and installed on back wall of digester piping- Digester Cleaning Crew targeting end of March for mobilization..

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...

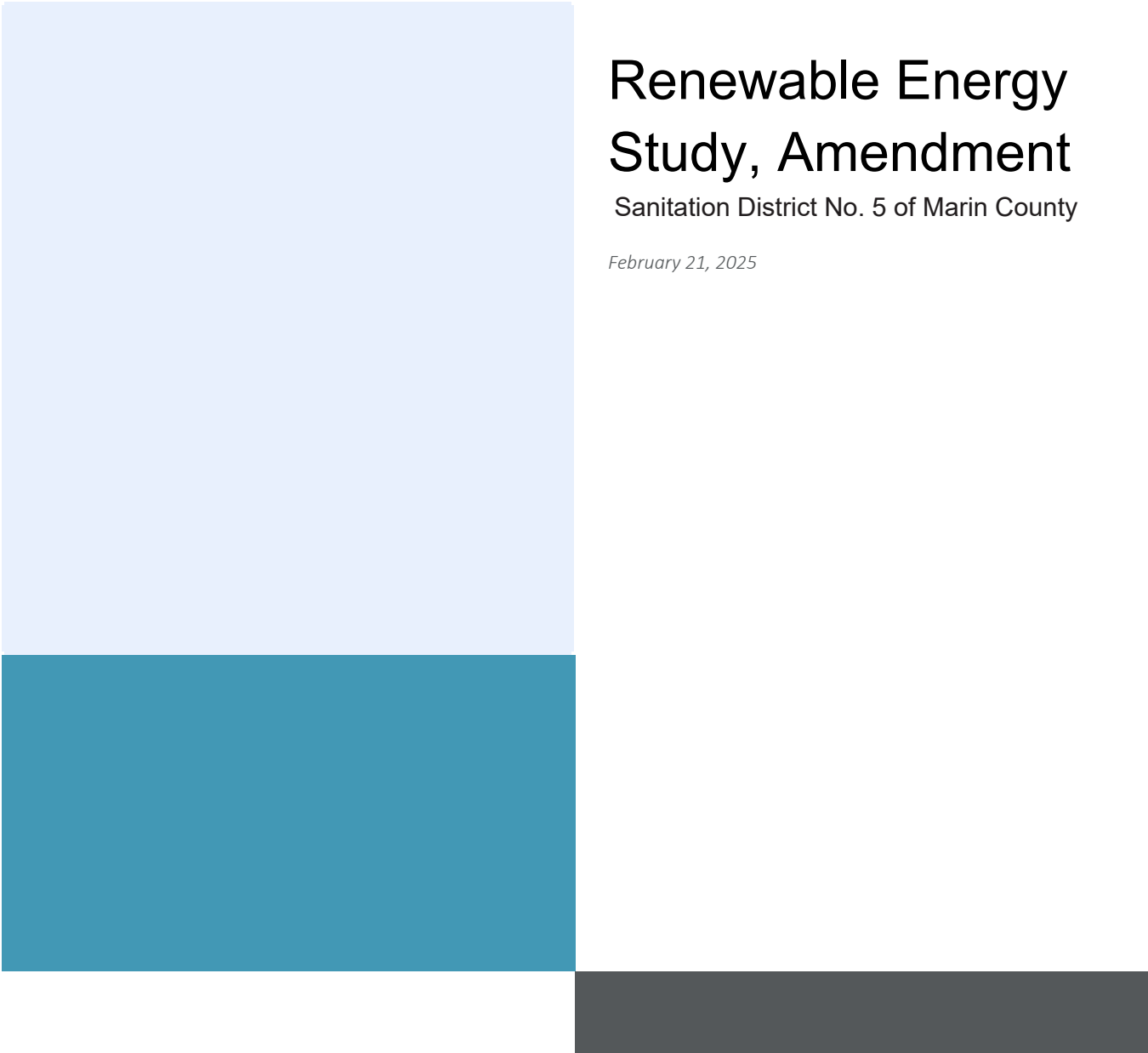
- **Headworks:** The point where all raw wastewater enters the treatment plant. In this building wastewater goes through 3 grinders to grind up all large objects that could possibly damage our influent and sludge pumps further down the treatment process.
- **Primary Sedimentation:** The next treatment 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		
CIWQS	California Integrated Water Quality System	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

The page features a large light blue rectangle on the left side, a dark teal rectangle below it, and a dark grey rectangle at the bottom right. The title text is positioned to the right of the light blue rectangle.

Renewable Energy Study, Amendment

Sanitation District No. 5 of Marin County

February 21, 2025

This page is left intentionally blank.

Contents

Executive Summary	1
1.0 Introduction	4
1.1 Purpose.....	4
2.0 Existing Conditions.....	4
2.1 SD5 Easement.....	4
2.2 Tiburon Zoning.....	5
3.0 Original Analysis	6
3.1 Concept Proposal	6
3.2 Updated Renewable Energy Assessment.....	7
4.0 Updated Analysis	8
4.1 Site Conditions.....	8
4.2 Renewable General Potential	8

List of Figures

Figure 1 – SD5 Parcel Map.....	4
Figure 2 – Tiburon Zoning District Map.....	5
Figure 3 – Conceptual Hill Proposal, Small World Group / Cleantech Circle	7
Figure 4 – Identified Hill PV Area, Original Renewable Energy Study	7
Figure 5 – Hillside Slope and Aspect.....	8
Figure 6 – Amended Renewable Energy Study, Designed PV Area, Option 2	9
Figure 7 – NREL PV Watts Generation Estimate	10

List of Tables

Table 1 – Hillside PV System, Electricity Generation Summary.....	9
Table 2 – PV System Cost Estimates, Direct Ownership, 2021	9

1.0 Introduction

1.1 Purpose

Sanitation District No. 5 of Marin County (SD5) previously assessed the feasibility of integrating on-site renewable energy systems at their wastewater treatment plants (WWTP) and pump stations throughout Tiburon and Belvedere. This Renewable Energy Study is dated May 20, 2021.

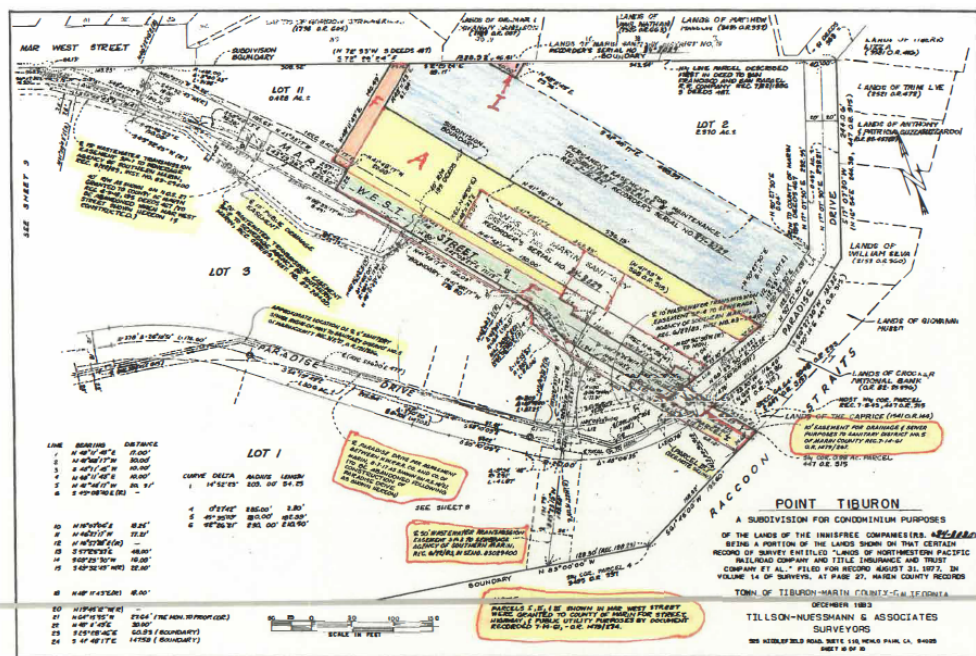
This amendment provides additional information regarding the renewable energy generation potential associated with the hillside adjacent to the Main Tiburon Wastewater Treatment Plant (WWTP) on Mar West Street in Tiburon, California. It does not include an updated financial assessment, as the net-metering program through the electricity utility, Pacific Gas and Electric (PG&E), has been revised updated since the original Renewable Energy Study was issued. This amendment only intends to outline the renewable energy potential for the hillside adjacent to the Main WWTP, as well as outline existing conditions and potential development considerations for SD5.

2.0 Existing Conditions

2.1 SD5 Easement

SD5 reviewed existing parcel drawings and identified that a portion of the hill is identified as a permanent easement for maintenance to SD5, recorded 2/16/1984. This area is indicated in the blue shading in Figure 1. SD5 is interested in identifying renewable energy opportunities for development within this easement.

Figure 1 – SD5 Parcel Map



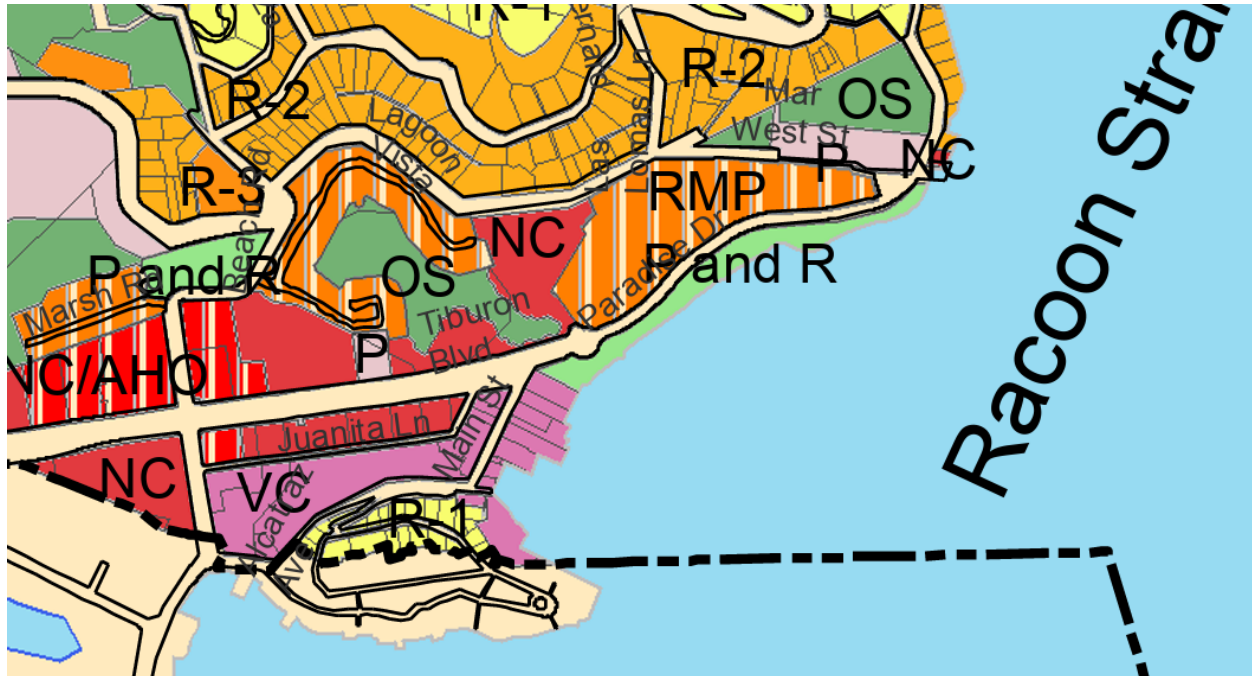
Source: SD5

2.2 Tiburon Zoning

The hillside adjacent to the Main WWTP is zoned as Open Space (OS), per the Town of Tiburon Zoning Map, effective March 31, 2006. The Main WWTP is zoned as P Public/Quasi-Public. Refer to Figure 2 for an enlarged area plan showing the zoning districts for the Main WWTP and the adjacent hillside. The Tiburon Zoning Map may be accessed on the Town of Tiburon website at:

<https://www.townoftiburon.org/DocumentCenter/View/900/Tiburon-Zoning-Map?bidId=>.

Figure 2 – Tiburon Zoning District Map



Source: Town of Tiburon

2.2.1 Tiburon Municipal Code

The Town of Tiburon Municipal Code includes limitations for development within areas identified as an OS zoning district. Language regarding the OS Zone is outlined in Title IV – Land Improvement and Use, Chapter 16 – Zoning, Section 16-27 Open Space Zone.

This language indicates that no new structures are allowed within the OS zoning district, which may pose issues with developing a PV system at this location. SD5 should review any proposed development within this area with the Town of Tiburon prior to proceeding with further development of the PV system.

The specific code language is provided below and may be accessed at the following link:

https://library.municode.com/ca/tiburon/codes/code_of_ordinances?nodet=TITIVLAIMUS_CH16ZO_16-27OPSPZO.

16-27.010 - Purpose.

The purpose of division 16-27 is to establish the land uses that may be allowed within the open space zone established by section 16-14.020 (zoning map and zones), determines the types of

zoning permit (if any) required for each use, and provides basic standards for site layout and building size.

(Ord. No. 519 N.S., § 3(Exh. A), 3-17-2010)

16-27.020 - Purpose of the open space zone.

The purpose of the OS (open space) zone is to preserve those lands within the town set aside for permanent open space. While much of the open space land in Tiburon is publicly owned, a considerable portion is privately held with recorded use restrictions limiting the property to open space use.

(Ord. No. 519 N.S., § 3(Exh. A), 3-17-2010)

16-27.030 - Open space zone allowable land uses and permit requirements.

- A. Permitted uses in the OS zone. Passive recreational and open space uses for public and private enjoyment such as hiking, picnicking, and other activities that support the preservation of the natural environment.*
- B. Conditional uses in the OS zone. The uses listed below shall be permitted only when a conditional use permit is granted, as provided in section 16-52.040 (conditional use permit).*
 - 1. Improvement or installation of trails or other improvements intended to enhance the enjoyment of nature while minimizing impacts on the natural qualities of the land; and*
 - 2. Other uses which, in the opinion of the director, are similar or accessory to uses listed above.*

(Ord. No. 519 N.S., § 3(Exh. A), 3-17-2010)

16-27.040 - Open space zone general development standards.

There shall be no new structures allowed on open space lands. Existing structures may be maintained or reconstructed as provided in division 16-62 (nonconforming uses, structures, and lots) when consistent with the general plan.

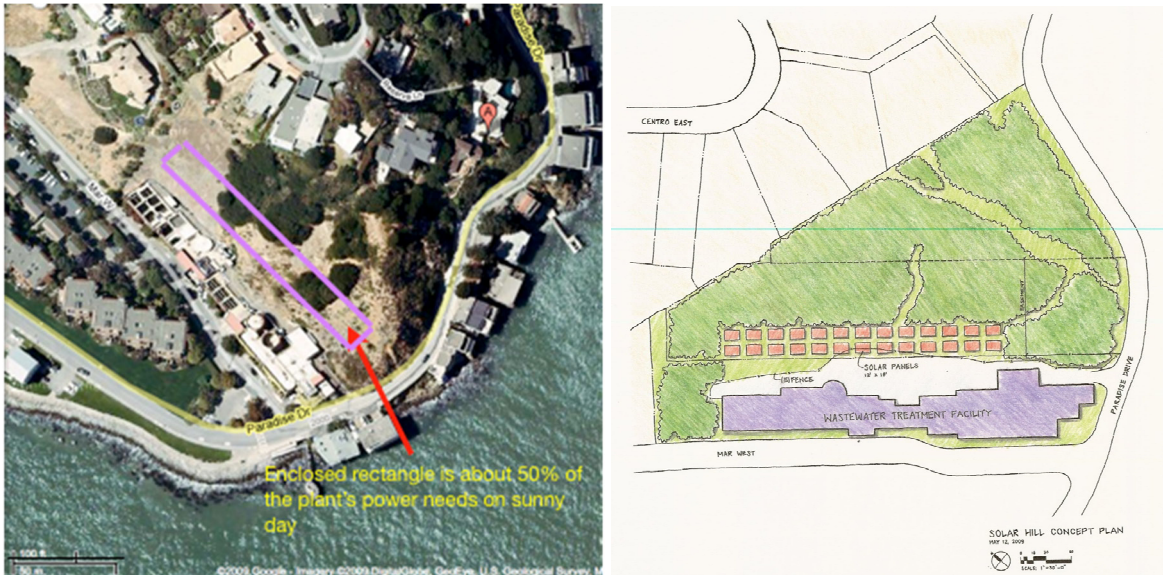
(Ord. No. 519 N.S., § 3(Exh. A), 3-17-2010)

3.0 Original Analysis

3.1 Concept Proposal

Small World Group and Cleantech Circle highlighted the opportunity for SD5 to develop a 100 kW solar photovoltaic (PV) system on the hillside adjacent to the Main WWTP. This conceptual layout, shown in Figure 3, was provided to HDR by SD5 in an undated PowerPoint presentation. It is provided for context only to indicate previous proposals for PV system in this location.

Figure 3 – Conceptual Hill Proposal, Small World Group / Cleantech Circle



Source: SD5

3.2 Renewable Energy Study

The May 2021 Renewable Energy Study looked at a system that would be located within approximately the same footprint area as the Small World Group and Cleantech Circle proposal, as shown in Figure 4. The study indicated that this area could accommodate a system that would generate approximately 485,141 kWh/year, offsetting about 46 percent of the Main WWTP's annual electricity use.

Figure 4 – Identified Hill PV Area, Original Renewable Energy Study



Source: HDR

4.0 Updated Analysis

4.1 Site Conditions

The hillside adjacent to the Main WWTP has an azimuth of approximately 227 degrees, facing southwest. The hillside has an approximate angle of 32 degrees, as shown in Figure 5.

Figure 5 – Hillside Slope and Aspect



Source: CalTopo

4.2 Renewable General Potential

The numbers provided for the updated analysis assume a system that uses the same Basis of Design (BOD) solar modules as provided in the original Renewable Energy Study. The easement is approximately 57,500 square feet, measured horizontally using plan view takeoffs from the parcel drawings provided by SD5.

Given that the easement is zoned as OS with new development prohibited, this assessment provides three numbers for SD5 reference, described below and shown in Table 1. The original cost range provided for these systems in 2021 is shown in Table 2, and may be higher today.

- Option 1 provides the generation available for a system covering 100% of the easement area. This option shows the maximum generation possible and is unlikely to be developed at this scale.
- Option 2 provides the generation available for a system covering 50% of the easement area, based on the 50% maximum lot coverage zoning allowance for the P Public/Quasi-Public zoning designation attributed to the Main WWTP site. This option is shown in Figure 6.
- Option 3 provides the generation available for a system covering 25% of the easement area, to account for potential site constraints from existing mature vegetation and/or spacing requirements needed to access and maintain the individual solar modules.

Figure 6 – Amended Renewable Energy Study, Designed PV Area, Option 2



Source: HDR

Table 1 – Hillside PV System, Electricity Generation Summary

Service Area	Lift station number	PG&E Account Name	Option	Area (SF)	System Size (kW)	Predicted Electricity Generation* (kWh)	% Reduction at WWTP**
Tiburon	Main WWTP	Mar West St, 2001 Paradise Drv	1	~57,500 (100% Coverage)	1,184	1,819,808	174%
			2	~28,750 (50% Coverage)	592	909,904	87%
			3	~14,375 (25% Coverage)	296	454,952	43.5%

* Electricity generation is based on calculations provided by the National Renewable Energy Laboratory (NREL) PV Watts program, using local climate conditions and lot and system specifications for the project site. This generation estimate, shown as kWh/kW, is provided in Figure 7.

** Reduction is based on the total electricity use at the Main WWTP site determined during the original Renewable Energy Study. The total electricity use was determined to be 1,045,185.50 kWh/year.

Table 2 – PV System Cost Estimates, Direct Ownership, 2021

	Low-Cost Range	Mid-Cost Range	High-Cost Range
Roof Mounted	\$3,500 per kW	\$4,550 per kW	\$5,200 per kW*
Ground Mounted	+ 7%	+10%	+15%
Canopy Mounted	+ 10%	+ 20%	+ 25%*

* Canopy Mounted, High-Cost Range percent increase may be higher than indicated. Custom architectural systems with higher end materials could add up to 75% to the roof mounted system costs indicated in this table.

Figure 7 – NREL PV Watts Generation Estimate

RESULTS

 Print Results

1,537 kWh/Year*

System output may range from 1,477 to 1,563 kWh per year near this location.
Click [HERE](#) for more information.

Month	Solar Radiation (kWh / m ² / day)	AC Energy (kWh)
January	3.08	78
February	4.10	91
March	5.19	127
April	6.55	154
May	6.64	160
June	7.17	167
July	7.32	175
August	6.80	162
September	6.35	146
October	4.98	119
November	3.65	87
December	2.88	71
Annual	5.39	1,537

Location and Station Identification	
Requested Location	tiburon, ca
Weather Data Source	Lat, Lng: 37.89, -122.46 0.7 mi
Latitude	37.89° N
Longitude	122.46° W
PV System Specifications	
DC System Size	1 kW
Module Type	Standard
Array Type	Fixed (open rack)
System Losses	14.08%
Array Tilt	32°
Array Azimuth	227°
DC to AC Size Ratio	1.2
Inverter Efficiency	96%
Ground Coverage Ratio	0.4
Albedo	From weather file
Bifacial	No (0)
Monthly Irradiance Loss	Jan Feb Mar Apr May June 0% 0% 0% 0% 0% 0%
	July Aug Sept Oct Nov Dec 0% 0% 0% 0% 0% 0%
Performance Metrics	
DC Capacity Factor	17.5%

Source: NREL PV Watts