



NORTH MARIN WATER DISTRICT

NORTH MARIN WATER DISTRICT
AGENDA – REGULAR MEETING
 June 6, 2023 – 4:00 p.m.
 Location: 100 Wood Hollow Dr, Ste 300
 Novato, California

Information about and copies of supporting materials on agenda items are available for public review at the District Office, at the Reception Desk, by calling the District Secretary at (415) 897-4133 or on our website at nmwd.com. A fee may be charged for copies. District facilities and meetings comply with the Americans with Disabilities Act. If special accommodations are needed, please contact the District Secretary as soon as possible, but at least two days prior to the meeting.

Est. Time	Item	Subject
4:00 p.m.		CALL TO ORDER
	1.	GENERAL MANAGER'S REPORT
	2.	OPEN TIME: (Please observe a three-minute time limit) This section of the agenda is provided so that the public may express comments on any issues not listed on the agenda that are of interest to the public and within the jurisdiction of the North Marin Water District. When comments are made about matters not on the agenda, Board members can ask questions for clarification, respond to statements or questions from members of the public, refer a matter to staff, or direct staff to place a matter of business on a future agenda. The public may also express comments on agenda items at the time of Board consideration.
	3.	STAFF/DIRECTORS REPORTS
		CONSENT CALENDAR The General Manager has reviewed the following items. To his knowledge, there is no opposition to the action. The items can be acted on in one consolidated motion as recommended or may be removed from the Consent Calendar and separately considered at the request of any person.
	4.	Consent – Approve: Agreement with Kiosk for Communications and Public Outreach
	5.	Consent – Approve: Extend Contract for NMWD Trench Restoration Paving – W.K. McLellan
		ACTION CALENDAR
	6.	Approve: Amend Contracts for On-Call Construction and Repair Services – Team Ghilotti & Ghilotti Construction
		INFORMATION ITEMS
	7.	Budget Review – Proposed FY 23/24 Budgets Novato and West Marin Service Areas
	8.	Russian River Water Forum Planning Group Meeting – May 17, 2023
	9.	NBWA Meeting – June 2, 2023
	10.	MISCELLANEOUS Disbursements – Dated May 18, 2023 Disbursements – Dated May 25, 2023 Disbursements – Dated June 1, 2023 Auditor-Controller's Monthly Report of Investments for April 2023

All times are approximate and for reference only.

The Board of Directors may consider an item at a different time than set forth herein.

Est. Time	Item	Subject
		California Water Boards – Notice of Proposed Emergency Rulemaking May 19, 2023 – State Water Resources Control Board
		<u>News Articles</u>
		Press Democrat – Russian-Eel river stakeholders launch new effort to find path forward without defunct power plant.
		Marin IJ – Rate increases approved for water supply projects – MARIN MUNICIPAL
		Marin IJ – Repairs for mudslide near Novato to cost \$10 million – MARCH 21 INCIDENT
		Marin IJ – Report criticizes water agency on supply forecasts – STATE AUDITOR
		Pt Reyes Light – NOTICE OF PUBLIC HEARING ADOPTION OF FINAL BUDGET FOR FISCAL YEAR 2023-2024
5:30 p.m.	11.	ADJOURNMENT

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MEMORANDUM

To: Board of Directors Date: June 6, 2023
 From: Ryan Grisso, Water Conservation Coordinator *RG*
 Subject: Approve – Agreement with Kiosk for Communications and Public Outreach
v:\memos to board\kiosk public communications agreement fy23 final.doc

RECOMMENDED ACTION: Authorize General Manager to Execute Agreement with Kiosk Creative LLC.

FINANCIAL IMPACT: Up to \$65,000 (Included in FY24 Budget)

Background

As a result of the North Marin Water District 2018 Strategic Plan, a series of goals were developed. Goal 2, Customer Engagement and Service, focused on increased communication with customers to improve public understanding and support for District policies and to facilitate customer input and engagement. To accomplish this goal, development of an annual public communications (or public outreach) plan, including a strategy for more effective social media outreach was recommended. To develop this comprehensive and strategic communications plan, staff solicited the services of Kiosk Creative LLC. (Kiosk), a local Novato full service marketing firm with extensive project experience. Kiosk completed a draft Public Communications Strategy and Plan (Plan) and presented their findings and recommendations to the Board at the September 3, 2019 Board meeting, the initial draft plan was presented to the Board at the September 17, 2019 Board meeting, and the Board adopted at the October 1, 2019 Board meeting.

At the October 15, 2019 Board meeting, the General Manager was authorized to enter into a consulting agreement with Kiosk to assist in implementing staff selected first-year recommended actions in the adopted Public Communications Strategy and Plan. The Board also separately authorized the General Manager to enter into an agreement with Kiosk to create a new District website, which went live in June of 2020. In June 2021 and June 2022, the Board approved subsequent agreements with Kiosk to continue the expanded communications into the following fiscal years of FY22 and FY23.

Kiosk has successfully assisted the District to implement many public outreach related tasks through the current and past agreements as evidenced in the monthly social media and web report the Board receives. This has included website design website security services, update and management assistance and website security measures including website form development, comprehensive social media post development, newsletters and report designs (Water Quality and Annual Report) in the District branding theme, banners and other collateral outreach materials, and

Approved by GM *RG*
 Date 06/01/2023

other communication assistance as needed.

Continuing Path Forward

To continue this communications and outreach effort with Kiosk into FY24, a new agreement is needed. The draft agreement and scope are included for your review (Attachment 1). The scope includes continued social media post creation and management, website news story creation, website hosting and security services, website form hosting and continued rebranding efforts on outreach items including the Waterline newsletters, conservation mailers, annual report, water quality report and others. The scope also includes an ad hoc budget for those items that come up during the year which in the past have including the water supply enhancement study outreach efforts. There is a slight increase to the budget and scope this year to include a customer survey and focus group to help the District identify further and more effective communications with our customers following the most recent drought.

Kiosk has provided exceptional service to the District over the past three years and staff recommends continuing this cooperative effort with Kiosk to maintain the improvements, quality and quantity of the District's public outreach and communications, and recommends the Board authorize the General Manager to execute this agreement.

Recommendation

Board authorize the General Manager to execute Agreement with Kiosk to assist in continued communication and public outreach implementation in an amount not to exceed \$65,000.

Attachments: 1. Draft Consulting Services Agreement with Kiosk

AGREEMENT FOR CONSULTING SERVICES

The following is an agreement between **North Marin Water District**, hereinafter “**NMWD**”, and **Kiosk Creative LLC**, hereinafter, “**Consultant**”.

WHEREAS, Consultant is a duly qualified consulting firm, experienced in developing marketing and communication initiatives for public sector clients,

WHEREAS, in the judgment of the Board of Directors of the NMWD, it is necessary and desirable to employ the services of the Consultant to implement specific tasks from the 2019 Communications Strategy and Plan as identified by NMWD,

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the parties hereto agree as follows:

PART A -- SPECIFIC PROVISIONS:

1. **DESCRIPTION OF SERVICES AND PAYMENT:** Except as modified in this agreement, the services to be provided and the payment schedule are:
 - a. The scope of work and fee amount covered by this agreement shall be that specified on a task-by-task basis as detailed in Exhibit A of this agreement..
 - b. The fee for the work shall not exceed \$65,000 without prior written authorization by NMWD.

PART B -- GENERAL PROVISIONS

1. **ASSIGNMENT/DELEGATION:** Except as above, neither party hereto shall assign, sublet or transfer any interest in or duty under this agreement without written consent of the other, and no assignment shall be of any force or effect whatsoever unless and until the other party shall have so consented.
2. **STATUS OF CONSULTANT:** The parties intend that the Consultant, in performing the services hereinafter specified, shall act as an independent contractor and shall have the control of the work and the manner in which it is performed. The Consultant is not to be considered an agent or employee of NMWD, and is not entitled to participate in any pension plan, insurance, bonus or similar benefits NMWD provides its employees.
3. **INDEMNIFICATION:** NMWD is relying on the professional ability and training of the Consultant as a material inducement to enter into this agreement. The Consultant hereby warrants that all its work will be performed in accordance with generally accepted professional practices and standards, as well as the requirements of applicable federal, state and local laws, it being understood that neither acceptance of the Consultant's work by NMWD nor Consultant's failure to perform shall operate as a waiver or release.
 - a. With respect to design professional services provided under this agreement, Consultant shall assume the defense of and defend NMWD, its directors, officers, agents, and employees in any action at law or in equity to the extent that liability is claimed or alleged to arise out of, pertain to, or relate to, either directly or indirectly, the intentional or willful misconduct, recklessness, or negligent act, error, or omission of Consultant (or any person or organization for whom Consultant is legally liable) in

the performance of the activities necessary to perform the services for District and complete the task provided for herein. In addition, Consultant shall indemnify, hold harmless, and release NMWD, its directors, officers, agents, and employees from and against any and all actions, claims, damages, disabilities or expenses, including attorney's fees and witness costs, that may be asserted by any person or entity including the Consultant, to the extent arising out of, pertaining to, or relating to, the negligent acts, errors or omissions, recklessness, or intentional or willful misconduct of the Consultant (or any consultant or subcontractor of Consultant) in connection with the activities necessary to perform the services and complete the task provided for herein, but excluding liabilities due to the sole negligence or willful misconduct of NMWD.

- b. With respect to all services other than design professional services provided under this agreement, Consultant shall indemnify, hold harmless, release and defend NMWD, its agents and employees from and against any and all actions, claims, damages, disabilities or expenses, including attorney's fees and witness costs that may be asserted by any person or entity, including the Consultant, arising out of or in connection with the activities necessary to perform those services and complete the tasks provided for herein, but excluding liabilities due to the sole negligence or willful misconduct of NMWD.

This indemnification is not limited in any way by any limitation on the amount or type of damages or compensation payable by or for the NMWD or its agents under workers' compensation acts, disability benefit acts or other employee benefit acts.

4. PROSECUTION OF WORK: The execution of this agreement shall constitute the Consultant's authority to proceed immediately with the performance of this contract. Performance of the services hereunder shall be completed by December 31, 2023, provided, however, that if the performance is delayed by earthquake, flood, high water or other Act of God or by strike, lockout or similar labor disturbance, the time for the Consultant's performance of this contract shall be extended by a number of days equal to the number of days the Consultant has been delayed.

5. METHOD AND PLACE OF GIVING NOTICE, SUBMITTING BILLS AND MAKING PAYMENTS: All notices, bills and payment shall be made in writing and may be given by personal delivery or by mail. Notices, bills and payments sent by mail should be addressed as follows:

North Marin Water District
P.O. Box 146
Novato, CA 94948
Attention: Ryan Grisso

Consultant:
Kiosk Creative LLC
750 Grant Ave, #200
Novato, CA 94945
Attention: Claire Garvie

and when so addressed, shall be deemed given upon deposit in the United States Mail, postage prepaid. In all other instances, notices, bills and payments shall be deemed given at the time of actual delivery. Changes may be made in the names and addresses of the person to whom notices, bills and payments are to be given by giving notice pursuant to this paragraph.

6. MERGER: This writing is intended both as the final expression of the agreement between the parties hereto with respect to the included terms of the agreement, pursuant to California Code of Civil Procedure Section 1856 and as a complete and exclusive statement of the terms of the agreement. No modification of this agreement shall be effective unless and until such modification is evidenced by a writing signed by both parties.

7. SEVERABILITY: Each provision of this agreement is intended to be severable. If any term of any provision shall be determined by a court of competent jurisdiction to be illegal or invalid for any reason whatsoever, such provision shall be severed from this agreement and shall not affect the validity of the remainder of the agreement.

8. TERMINATION: At any time and without cause the NMWD shall have the right in its sole discretion, to terminate this agreement by giving written notice to the Consultant. In the event of such termination, NMWD shall pay the Consultant for services rendered to such date.

9. TRANSFER OF RIGHTS/OWNERSHIP OF DATA: The Consultant assigns to NMWD all rights throughout the work in perpetuity in the nature of copyright, trademark, patent, and right to ideas, in and to all versions of any plans and specifications, reports and document now or later prepared by the Consultant in connection with this contract.

The Consultant agrees to take such actions as are necessary to protect the rights assigned to NMWD in this agreement, and to refrain from taking any action which would impair those rights. The Consultant's responsibilities under this contract will include, but not be limited to, placing proper notice of copyright on all versions of any plans and specifications, reports and documents as NMWD may direct, and refraining from disclosing any versions of the reports and documents to any third party without first obtaining written permission of NMWD. The Consultant will not use, or permit another to use, any plans and specifications, reports and document in connection with this or any other project without first obtaining written permission of NMWD.

All materials resulting from the efforts of NMWD and/or the Consultant in connection with this project, including documents, reports, calculations, maps, photographs, computer programs, computer printouts, digital data, notes and any other pertinent data are the exclusive property of NMWD. Re-use of these materials by the Consultant in any manner other than in conjunction with activities authorized by NMWD is prohibited without written permission of NMWD.

Consultant shall deliver requested materials to NMWD in electronic format including but not limited to engineering calculations, plans (AutoCad, current edition) and specifications (MS Word, current edition).

10. COST DISCLOSURE: In accordance with Government Code Section 7550, the Consultant agrees to state in a separate portion of any report provided NMWD, the numbers and amounts of all contracts and subcontractors relating to the preparation of the report.

11. NONDISCRIMINATION: The Consultant shall comply with all applicable federal, state and local laws, rules and regulations in regard to nondiscrimination in employment because of race, color, ancestry, national origin, religion, sex, marital status, age, medical condition or physical handicap.

12. EXTRA (CHANGED) WORK: Extra work may be required. The Consultant shall not proceed nor be entitled to reimbursement for extra work unless it has been authorized, in writing, in advance, by NMWD. The Consultant shall inform the District as soon as it determines work beyond the scope of this agreement may be necessary and/or that the work under this agreement cannot be completed for the amount specified in this agreement. Said review shall occur before consultant

incurs 75% of the total fee approved for any phase of the work. Failure to notify the District shall constitute waiver of the Consultant's right to reimbursement.

13. CONFLICT OF INTEREST: The Consultant covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance of its services hereunder. The Consultant further covenants that in the performance of this contract no person having any such interest shall be employed.

14. INSURANCE REQUIREMENTS FOR CONSULTANTS

Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the consultant, his agents, representatives, employees or subcontractors.

Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Commercial General Liability coverage
2. Automobile Liability
3. Workers' Compensation insurance as required by the State of California.

Minimum Limits of Insurance

Consultant shall maintain limits no less than:

1. General Liability (including operations, products and completed operations.): **\$1,000,000** per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability: **\$1,000,000** per accident for bodily injury and property damage.
3. Workers' Compensation Insurance: as required by the State of California.

Verification of Coverage

Consultant shall furnish the District with original certificates and amendatory endorsements effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the District before work commences. The District reserves the right to require at any time complete and certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications.

Subcontractors

Consultant shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor to the District for review and approval. All coverage for subcontractors shall be subject to all of the requirements stated herein.

Self-Insured Retentions

Any self-insured retentions must be declared to and approved by the District. At the option of the District, either: the insurer shall reduce or eliminate such self-insured retentions as respects the District, its officers, officials, employees and volunteers; or the Consultant shall provide a financial guarantee satisfactory to the District (such as a surety bond) guaranteeing payment of

losses and related investigations, claim administration, and defense expenses.

Other Insurance Provisions

The commercial general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The District, its officers, officials, employees, and volunteers are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the Consultant.
2. For any claims related to this project, the Consultant's insurance coverage shall be primary insurance as respects the District, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the District, its officers, officials, employees, or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.
3. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled by either party, except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the District.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII.

15. DISPUTE RESOLUTION: Any dispute or claim in law or equity between District and Consultant arising out of this agreement, if not resolved by informal negotiation between the parties, shall be mediated by referring it to the nearest office of Judicial Arbitration and Mediation Services, Inc. (JAMS) for mediation. Mediation shall consist of an informal, non-binding conference or conferences between the parties and the judge-mediator jointly, then in separate caucuses wherein the judge will seek to guide the parties to a resolution of the case. If the parties cannot agree to mutually acceptable member from the JAMS panel of retired judges, a list and resumes of available mediators numbering one more than there are parties will be sent to the parties, each of whom will strike one name leaving the remaining as the mediator. If more than one name remains, JAMS arbitrations administrator will choose a mediator from the remaining names. The mediation process shall continue until the case is resolved or until such time as the mediator makes a finding that there is no possibility of resolution.

At the sole election of the District, any dispute or claim in law or equity between District and Consultant arising out of this agreement which is not settled through mediation shall be decided by neutral binding arbitration and not by court action, except as provided by California law for judicial review of arbitration proceedings. The arbitration shall be conducted in accordance with the rules of Judicial Arbitration Mediation Services, Inc. (JAMS). The parties to an arbitration may agree in writing to use different rules and/or arbitrators.

16. BILLING AND DOCUMENTATION: The Consultant shall invoice NMWD for work performed on a monthly basis and shall include a summary of work for which payment is requested. The invoice shall state the authorized contract limit, the amount of invoice and total amount billed to date. The summary shall include a narrative description of work accomplished, and an estimate of work completed to date.

17. REASONABLE ASSURANCES: Each party to this agreement undertakes the obligation that the other's expectation of receiving due performance will not be impaired. When reasonable grounds for insecurity arise, with respect to performance of either party, the other may, in writing, demand adequate assurance of due performance and until the requesting party receives such assurance may, if commercially reasonable, suspend any performance for which the agreed

return has not been received. "Commercially reasonable" includes not only the conduct of the party with respect to performance under this agreement but also conduct with respect to other agreements with parties to this agreement or others. After receipt of a justified demand, failure to provide within a reasonable time, not to exceed 30 days, such assurance of due performance as is adequate under the circumstances of the particular case is a repudiation of this agreement. Acceptance of any improper delivery, service, or payment does not prejudice the aggrieved party's right to demand adequate assurance of future performance.

18. PREVAILING WAGE REQUIREMENTS: Prevailing Wage Rates apply to all Consultant personnel performing work under the Agreement for which wage determinations have been made by the Director of Industrial Relations pursuant to California Labor Code Sections 1770–1782. Consultant shall comply with all applicable prevailing wage labor code requirements.

**NORTH MARIN WATER DISTRICT
"NMWD"**

Dated: _____

Anthony Williams, General Manager

**KIOSK CREATIVE LLC
"CONSULTANT"**

Dated: _____

Claire Garvie, Chief Operating Officer

Exhibit A: 2023/2024 Services, Deliverables and Costs

Task/ Service/ Deliverable	One Time Costs	Total for 12 Months	Costs Each Month
One (1) web news story per month		\$4,320.00	\$360.00
Monthly organic social media management for 3 social platforms (writing, image sourcing, creating graphics, planning month ahead, devising posts, client revisions, posting, monitor comments)		\$10,800.00	\$900.00
Paid (advertising) social media support for 2 platforms; boosting, managing boost budget, managing likes campaign, optimizing and inviting 'likers' to follow the page.		\$4,320.00	\$360.00
Monthly web, organic social and paid social report		\$4,320.00	\$360.00
Client meetings (2 per month)		\$4,320.00	\$360.00
Project management, client liaison, web support as needed		\$12,960.00	\$1,080.00
Social "LinkTree" cost		\$90.00	\$7.50
Social "likes" campaign		\$600.00	\$50.00
Social "boosts" budget (on an as needed basis)	\$180.00		
Quarterly web review to check for stale content and ad hoc fixes (\$360 per quarter)	\$1,440.00		
Waterlines - design and copy x 3 issues	\$4,950.00		
Photography budget (stock and ad hoc local)	\$1,500.00		
Annual Report	\$2,520.00		
Drought Outreach Customer Survey	\$1,440.00		
Drought Outreach Focus Group	\$3,260.00		
Web Hosting for 12 months: renews 06/30/2023	\$500.00		
SSL Certificate for 12 months: renews 06/30/2023	\$199.00		
FormStack secure PII system license for 12 months: renews 09/20/2023	\$1,200.00		
Ad hoc communications, website updates and outreach services, as directed by Ryan Grisso or Tony Williams	\$6,081.00		
Sub Totals	\$23,270.00	\$41,730.00	\$3,477.50
Grand Total	\$65,000.00		

Total Project Costs \$65,000.00

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MEMORANDUM

To: Board of Directors June 6, 2023
 From: Chris Kehoe, Construction/ Maintenance Superintendent *CK*
 Subject: Contract Extension for NMWD Trench Restoration Paving – W.K. McLellan Company
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RECOMMENDED ACTION: The Board authorize the General Manager to execute a trench restoration paving contract with W.K. McLellan Company

FINANCIAL IMPACT: Estimated at \$450,000

W.K. McLellan Company (McLellan) has been the District's contractor for trench restoration work since 1997. This project was last approved by the Board at the August 20, 2019 meeting, extended at the June 2, 2020 meeting as well as the June 1, 2021 meeting and again at the May 13, 2022 meeting. McLellan has stated that they will be maintaining their current pricing for FY 23/24 (see Attachment 1).

Annual billings from McLellan for FY23/24 are estimated to be approximately \$430,000. Annual costs for this work over the last eight years are summarized in Table 1. To execute the work, task orders will be issued monthly for trench areas to be paved at the approved unit pricing.

TABLE 1

YEAR	BILLINGS
FY13-14	\$149,221
FY14-15	\$234,723
FY15-16	\$295,616
FY16-17	\$173,868
FY17-18	\$201,489
FY18-19	\$378,143
FY19-20	\$258,679
FY20-21	\$390,529
FY21-22	\$401,268

McLellan has had an excellent working relationship with NMWD, City of Novato, and Marin County and they go out of their way to ensure that the District's paving needs are met. The quality of McLellan's work has been excellent and there have been very few complaints from City or County staff or customers on the workmanship or longevity of trench restoration paving.

Approved by GM *CK*
 Date 06/01/2023

RECOMMENDATION

The Board authorize the General Manager to execute a trench restoration paving contract with W.K. McLellan Company.

ATTACHMENT: 1. W.K. McLellan Pricing schedule FY 23/24

ITEM	BID DESCRIPTION	MCLELLAN PRICING FY 23/24
1.	<u>EXCAVATE, PRIME AND RESURFACE 2-INCH GRIND AND PAVE</u>	
	a) 0-1000 square feet	\$9.24
	b) 1000-2500 square feet	\$9.24
	c) 2500-5000 square feet	\$9.24
2.	<u>EXCAVATE, PRIME AND RESURFACE WITH 4-INCH ASPHALT CONCRETE</u>	
	a) 0-29 square feet	\$11.64
	b) 30-99 square feet	\$11.64
	c) 100-499 square feet	\$11.34
	d) Excess of 500 square feet	\$11.08
3.	<u>EXCAVATE, PRIME AND RESURFACE WITH 6-INCH ASPHALT CONCRETE</u>	
	a) 0-29 square feet	\$13.90
	b) 30-99 square feet	\$13.59
	c) 100-499 square feet	\$13.26
	d) Excess of 500 square feet	\$12.94
4.	<u>EXCAVATE, PRIME AND RESURFACE WITH 8-INCH ASPHALT CONCRETE</u>	
	a) 0-29 square feet	\$18.11
	b) 30-99 square feet	\$18.11
	c) 100-499 square feet	\$18.11
	d) Excess of 500 square feet	\$18.11
5.	<u>EXCAVATE, PRIME AND RESURFACE WITH 12-INCH ASPHALT CONCRETE</u>	
	a) 0-100 square feet	\$23.29
	c) 100-499 square feet	\$23.29
	d) Excess of 500 square feet	\$23.29
6.	<u>VALVES</u>	
	Includes a 3'x3' patch	
	Installing of aluminum ring in valve riser	
	Rising to grade	\$300.00
	<u>Cast-in-Place Concrete</u>	
7.	4" Sidewalk / sf.	\$17.49
8.	6" Sidewalk / sf.	21.12
9.	<u>Dowels / ea.</u>	\$10.56
10.	<u>Curb and Gutter / lf.</u>	\$72.60

Note: Striping will be billed separately with 5% mark up.
 Compaction tests will be billed separately with 5% mark up.
 Traffic Control will be billed separately with 5% mark up.

6



MEMORANDUM

To: Board of Directors

June 6, 2023

From: Eric Miller, Assistant GM/Chief Engineer *EM*

Subject: Amend Contracts for On-Call Construction and Repair Services – Ghilotti Construction Co. and Team Ghilotti

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RECOMMENDED ACTION: That the Board authorize the General Manager to amend the On-Call Construction and Repair Services Contracts for Ghilotti Construction Co. and Team Ghilotti

FINANCIAL IMPACT: Additional \$600,000 (Included in the current and proposed budget)

Background

Beginning in February 2016, the Board has authorized On-Call Construction and Repair Services agreements with both Ghilotti Construction Co. (GCC) and Team Ghilotti (TG). This contracting approach initially targeted emergency and repair services on an as-needed basis that exceeded the capacity of the Construction Department.

In recent years the contracts have also been used for small-scale Capital Improvement Program (CIP) projects that were planned and budgeted for during the annual budget cycles. By expanding the use of these contracts to cover CIP projects, the District is able to minimize administrative costs associated with developing multiple construction contracts and allows smaller CIP projects to be implemented more quickly and cost effectively. The District's traditional design-bid-build process is still utilized for larger and highly-specialized CIP projects.

The original agreements were authorized in 2016 and included authorization for up to \$600,000 of combined services from the two firms. At the February 5, 2019 meeting, the Board authorized new contracts with both GCC and TG with an initial budget allocation of \$200,000 for each firm, for a total amount of \$400,000. Subsequently, at the April 6, 2021 meeting, the Board authorized contract amendments for each firm in the amount of \$250,000 each (\$500,000 total), bringing the total authorization for the current contracts to \$900,000.

Current Agreement Status

Work performed to-date by GCC under the 2019 on-call contract includes the following projects and costs:

Stafford Dam Apron Repairs	\$ 50,774
Country Lane Pipeline	\$ 73,543
Standby and Emergency Repairs (1-18-21)	\$ 11,803
Gallagher Ranch Streambank Stabilization	\$ 394
TOTAL	\$136,514
GCC Remaining Balance	\$313,486

Work performed to-date by TG under the 2019 on-call contract includes the following projects and costs:

Montego Key Pipe Replacement	\$ 34,283
Petaluma Blvd S. New Service	\$ 3,850
Glen Rd Pipe Replacement	\$183,077
Corp Yard Concrete Apron for Storage	\$137,972
TOTAL	\$359,182
TG Remaining Balance	\$ 90,818

When the contract amendments were authorized by the Board in April 2021, the individual limit for each task order was increased to \$200,000, as an informal general rule. Staff proposes to maintain this task order limit but is requesting an exception to this limit for a specific CIP project during FY23/24.

Proposed Projects

The Stafford Treatment Plant Supernatant Replacement Project (STP Project) was design by staff with 3 distinct phases. Phases 1 and 2 replace the supernatant force main between the treatment plant and the solar panel farm along the golf course access road to the south. Phase 3 replaces the supernatant force main from the solar panel farm to Center Road through the Indian Valley Golf Course. Review of recorded failure locations along the force main reveals that the majority of maintenance needs are located within the limits of Phases 1 and 2.

Staff solicited bids from both GCC and TG on all three phases of the STP Project and the two bids came in within 4% of each other. The close bids give staff confidence that the prices quoted are consistent with current industry costs. However, the low bid amount for Phases 1 and 2 combined was \$610,500 which exceeds the informal practice of limiting task orders to \$200,000. Given the competitive bid numbers, staff is recommending a one-time exceedance of the \$200,000 threshold to authorize the low bidding firm, GCC, to perform

Phases 1 and 2 of the STP Project. Budget for this work has been included in the upcoming FY23/24 CIP budget.

The District's corporation yard has several portions of deteriorating asphalt that have reached a condition that impacts staff's ability to effectively perform daily operations. The potholes and ponding on the east side of the corporation yard makes navigating the area with a fork lift and fleet vehicles more difficult. Staff solicited bids from both GCC and TG to perform asphalt repairs and again the two bids came in within 4% of each other. The low bid amount for this work was submitted by TG in the amount of \$189,169. Budget to complete this work is available in the current FY22/23 budget and would not impact the proposed FY23/24 budget if authorized as part of this recommended action.

The recent landslide along Redwood Highway continues to have an unknown long-term impact on the North Marin Aqueduct. Staff identified some deflection along the aqueduct within the area of the landslide but permanent impacts are unclear until Caltrans progresses the slope repair project to a point where the overburden pressures are relieved from the pipeline. As a contingency measure for this situation staff has included some additional funds in the proposed on-call amendment to address the scenario that work is needed in connection with the aqueduct repair efforts associated with the landslide.

Financial Impact

The requested amendments are intended to be the final amendments for the current contracts, with staff planning to re-solicit for on-call construction services in 2024 and establishing new contracts moving into future fiscal years. A summary of the upcoming planned projects as well as a modest contingency for future unknown on-call work for each firm. The current CIP FY22/23 budget and proposed CIP FY23/24 budget include the costs listed below and no further budget adjustments are needed.

Ghilotti Construction Co. (GCC)	
STP Project Phases 1 and 2	\$610,500
Future Unknown On-Call Work	\$102,986
TOTAL	<hr/> \$713,486
GCC Remaining Balance	\$313,486
Additional Funds Requested	<hr/> \$400,000

Team Ghilotti (TG)

Corp Yard Paving Restoration		\$189,169
Future Unknown On-Call Work		\$101,649
	TOTAL	<hr/> \$290,818
TG Remaining Balance		\$ 90,818
Additional Funds Requested		<hr/> \$200,000

Recommendation

Board authorize General Manager to amend the on-call agreements with Ghilotti Construction Co. for \$400,000 and Team Ghilotti for \$200,000, for a total amendment amount of \$600,000 for upcoming FY22/23 and FY23/24 work.

7



MEMORANDUM

To: Board of Directors Date: June 6, 2023
 From: Julie Blue, Auditor/Controller *JB*
 Subject: Budget Review – Proposed FY 23/24 Budgets Novato & West Marin Service Areas
T:\ACI\Budget\FY-2023.24\Board Memos\Budget Review FY23.24 06.06.23\Budget Review Memo June 6, 2023.docx

RECOMMENDED ACTION: Information Only – Budget Review
FINANCIAL IMPACT: None at this time – Total \$41.8 Million Expenditure Plan
 Capital/Equipment/Debt Service - \$19.8 Million
 Operations - \$22 Million

Budget Review:

Attached for review are the FY 23/24 Budgets for North Marin Water District (NMWD) which include Novato Water, Recycled Water (RW), West Marin Water (WM), and Oceana Marin Sewer (OM) (Attachment 1).

To date, the Board of Directors (BOD) have reviewed financial forecasts for each service area in April. These financial forecasts were 5-year projections outlining the overall financial status of each Enterprise and conveyed the need for District wide rate increases.

The BOD also reviewed the FY 23/24 Capital Improvement Project (CIP) Budget in early May. The CIP Budget has a net projected outlay of \$5.1 million. The Equipment Budget has a projected outlay of \$538,000.

Below is a summary of expenditures by category and service area:

Category	Novato	Recycled Water	West Marin Water	Oceana Marin	Total
Capital Improvement Projects (net efficiency factor)	\$12,443,000	\$840,000	\$409,000	\$955,000	\$14,647,000
Debt Service	\$ 3,253,000	\$ 1,164,000	\$ 186,000	\$ 23,000	\$ 4,626,000
Equipment	\$ 538,000	\$ -	\$ -	\$ -	\$ 538,000
Operations & Maintenance	\$ 9,791,000	\$ 168,000	\$ 719,000	\$ 215,000	\$ 10,893,000
Purchased Water	\$ 5,400,000	\$ 396,000	\$ -	\$ -	\$ 5,796,000
Administration	\$ 3,841,000	\$ 143,000	\$ 158,000	\$ 33,000	\$ 4,175,000
Transfers Out RW Capital Expansion Fund & Non-Op Expenses	\$ 519,000	\$ 568,000	\$ -	\$ -	\$ 1,087,000
Total FY 23/24 Budget	\$35,785,000	\$3,279,000	\$1,472,000	\$1,226,000	\$41,762,000

Budget/Rate Hearing Schedule:

As listed in the budget/rate hearing schedule that follows, a public hearing will take place to consider the proposed rate increases for Novato, RW, WM, and OM on June 20, 2023 at 4:00 pm. Announcement of the public hearings and details of the proposed rate increases were mailed

out to all customers on May 5, 2023. The budget will be reviewed and refined if necessary prior to the next BOD's review when presented for approval at the June 20, 2023 Board meeting at 4:00 pm.

Date	Item	Review/Approve	Rate Hearing	Status	Service Area
April 4	Financial Plan Update	Review Only		Complete	Novato/RW/WM/OM
April 18	Review and Approve Prop 218 Letters to be sent to customers	Approve		Complete	Novato/RW/WM/OM
May 2	Capital Improvement Project Plan Update	Review Only		Complete	Novato/RW/WM/OM
June 6	Operations & Maintenance and Capital Budget - District Wide	Review Only		Current	Novato/RW/WM/OM
June 20	Operations & Maintenance and Capital Budget – District Wide	Approve	X	Upcoming	Novato/RW/WM/OM

- ATTACHMENTS:
1. FY 23/24 Budgets Novato & West Marin Service Areas
 2. FY 23/24 Budgets Novato & West Marin Service Areas Presentation



Budgets

Novato & West Marin Service Areas

Fiscal Year 2023 – 2024
Draft June 6, 2023



**NORTH MARIN
WATER DISTRICT**

Introduction:

This document contains the fiscal year 2023/2024 budgets for North Marin Water District's various enterprise service areas located in Marin County, covering 100 square miles as listed below.

- Potable Water Service: Treatment, Transmission, Distribution, and Fire Services.
Novato
West Marin (Point Reyes Station, Inverness Park, Olema, Bear Valley, Silver Hills & Paradise Ranch Estates)
- Recycled Water Treatment, Transmission and Distribution:
Novato
- Sewage Collection, Treatment & Reuse/Disposal:
Oceana Marin

Accompanying the operating budgets are capital improvement project expenditures for the fiscal year. Questions regarding these budgets may be directed to Julie Blue, Auditor-Controller, at jblue@nmwd.com or 415-761-8950.

Mission Statement:

Our mission is to meet the expectations of our customers in providing potable and recycled water and sewer services that are reliable, high-quality, environmentally responsible, and reasonably priced.

Vision Statement:

We strive to optimize the value of services we provide to our customers and continually seek new ways to enhance efficiency and promote worker and customer engagement and satisfaction.



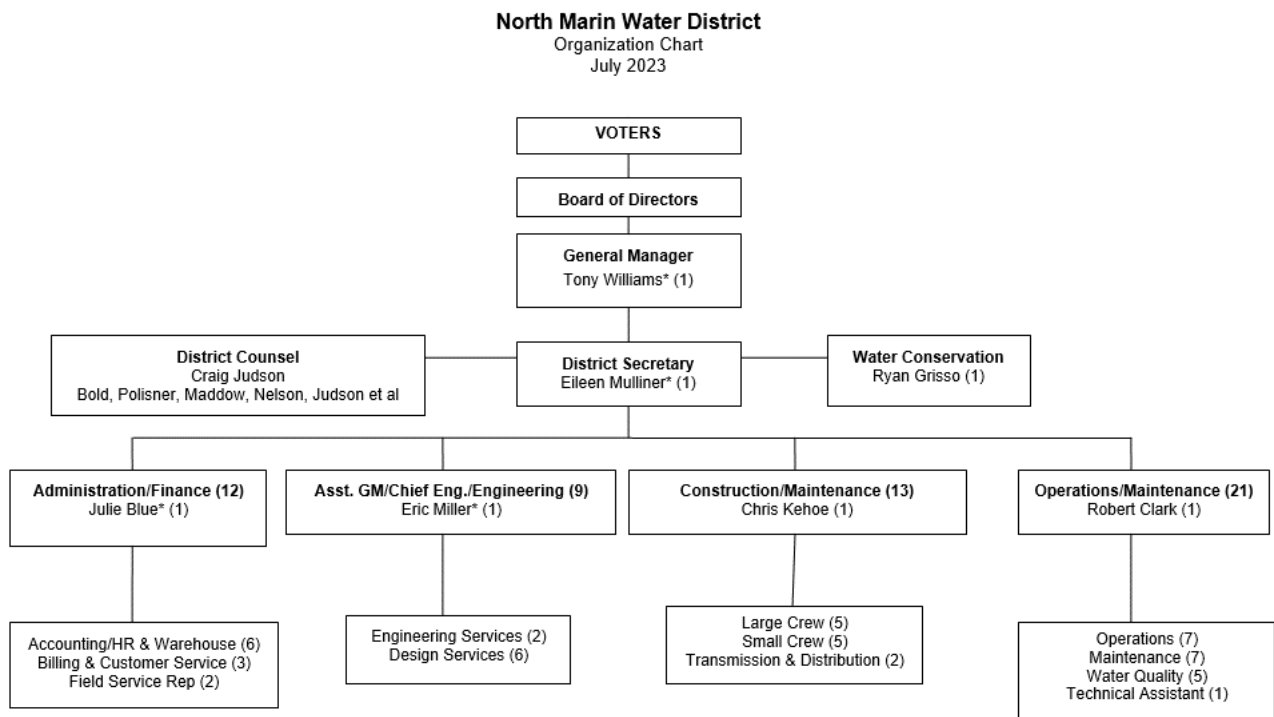
Stafford Lake

Organization Information:

North Marin Water District is a Special District formed by voter approval in 1948 pursuant to the provisions of the County Water District Law (Water Code – Division 12). The District is governed by a five-member Board of Directors, elected for four-year terms by division from within the District’s service area. The current Directors are as follows:

- Rick Fraites (Division 5), President
- Jack Baker (Division 2), Vice President
- Ken Eichstaedt (Division 1)
- Michael Joly (Division 3)
- Stephen Petterle (Division 4)

Day to day operations are led by General Manager Tony Williams, and there are four departments and 58 budgeted full-time employees, as shown in the organization chart below.



*Also serves as District officer

North Marin Water District Boundary Map

- Marin County
- North Marin Water District Service Boundary
- ▨ No services provided/available

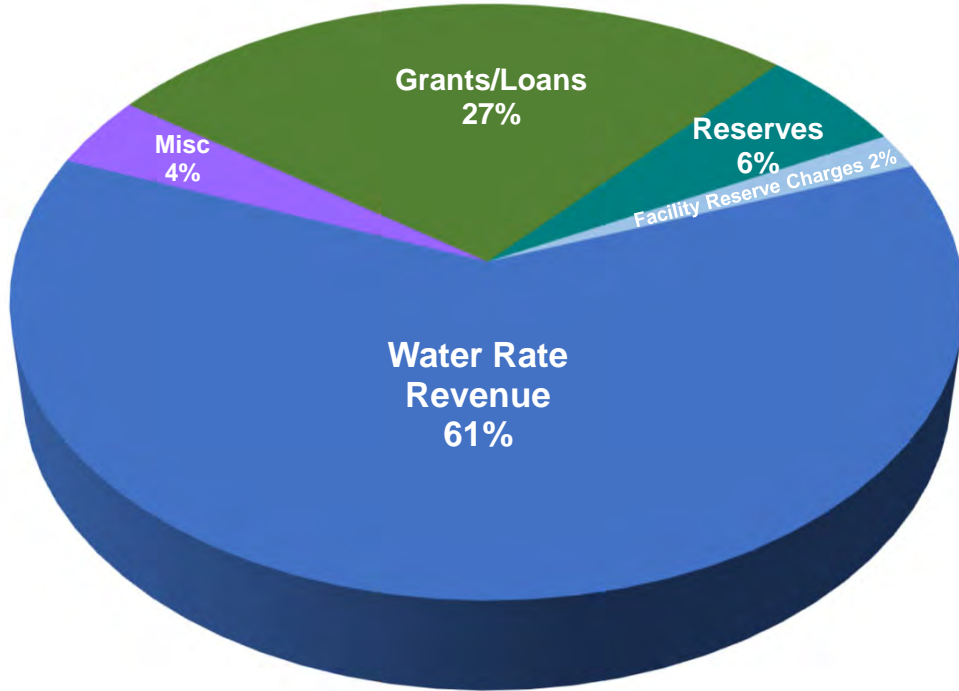


**North Marin Water District
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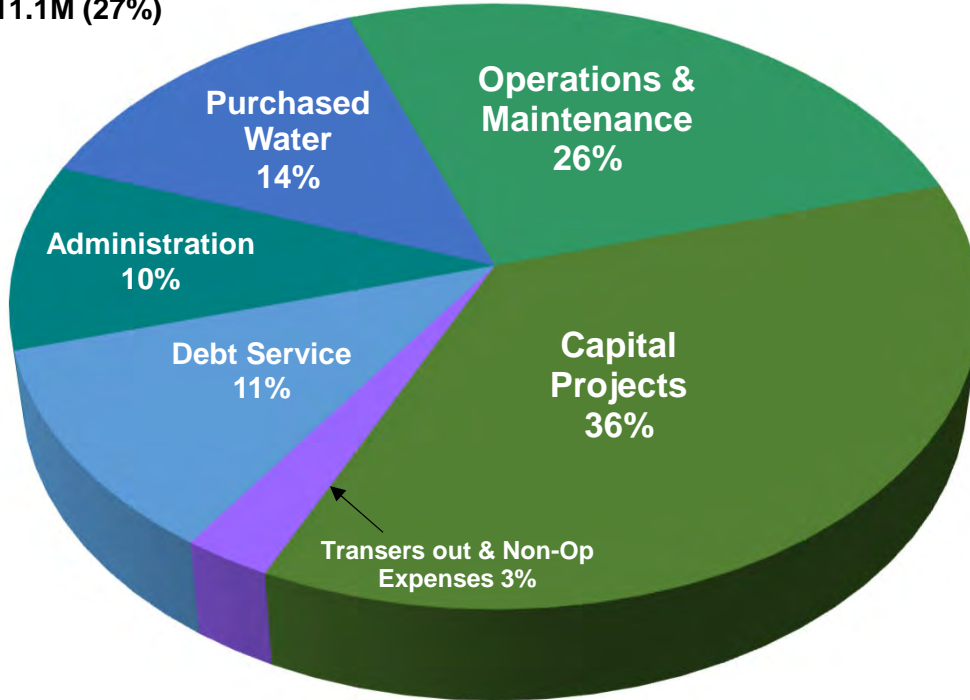
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NORTH MARIN WATER DISTRICT
FY23/24 DRAFT BUDGET - ALL SERVICE AREAS COMBINED
SOURCES = \$41,762,000



Labor = \$11.1M (27%)



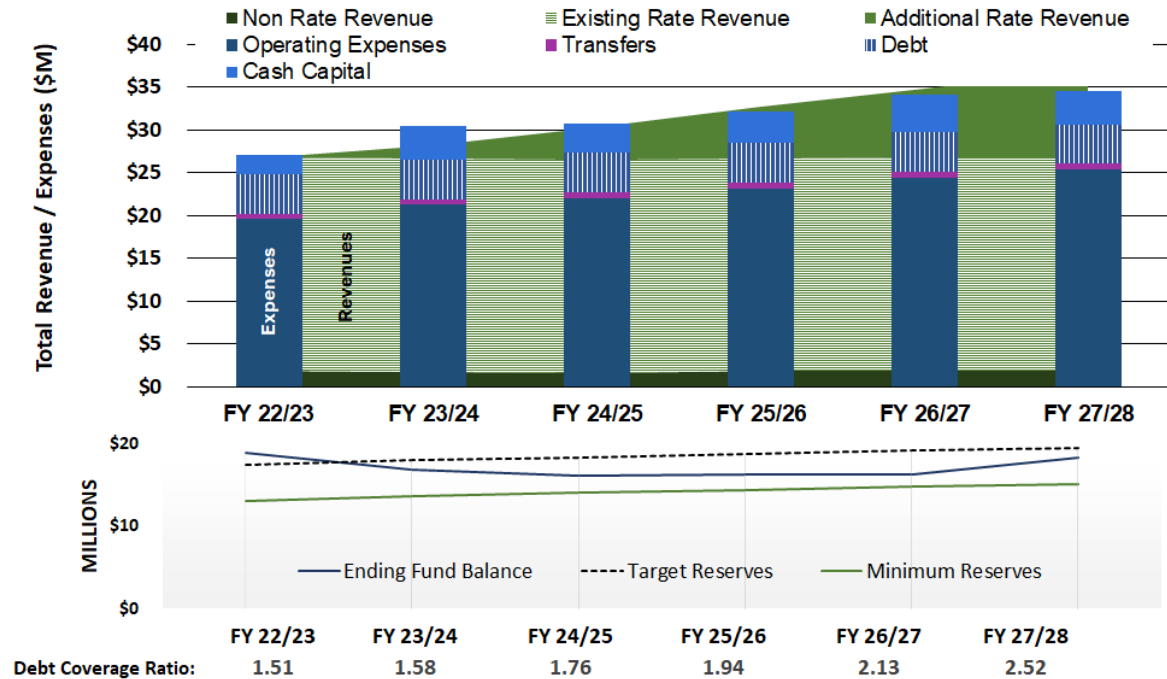
USES = \$41,762,000

Excludes Depreciation Expense & Developer Funded Costs

Summary

The \$41.8 million consolidated budget projects operating revenue of \$26.5 million and a net operating revenue of \$5.6 million. The FY 23/24 budget incorporates \$5.1 million in internally funded capital improvement projects and \$5.8 million in water purchases. After payment of \$4.6 million in debt service, the consolidated budget projects a decrease in cash for the fiscal year of \$2.2 million. The below chart shows that the North Marin Water District’s financial plan will maintain sufficient cash reserves aiming towards the designated targets and remaining above the minimum level, while sustaining a debt service coverage ratio above 1.5.

Financial Forecast Summary - All Service Areas Combined

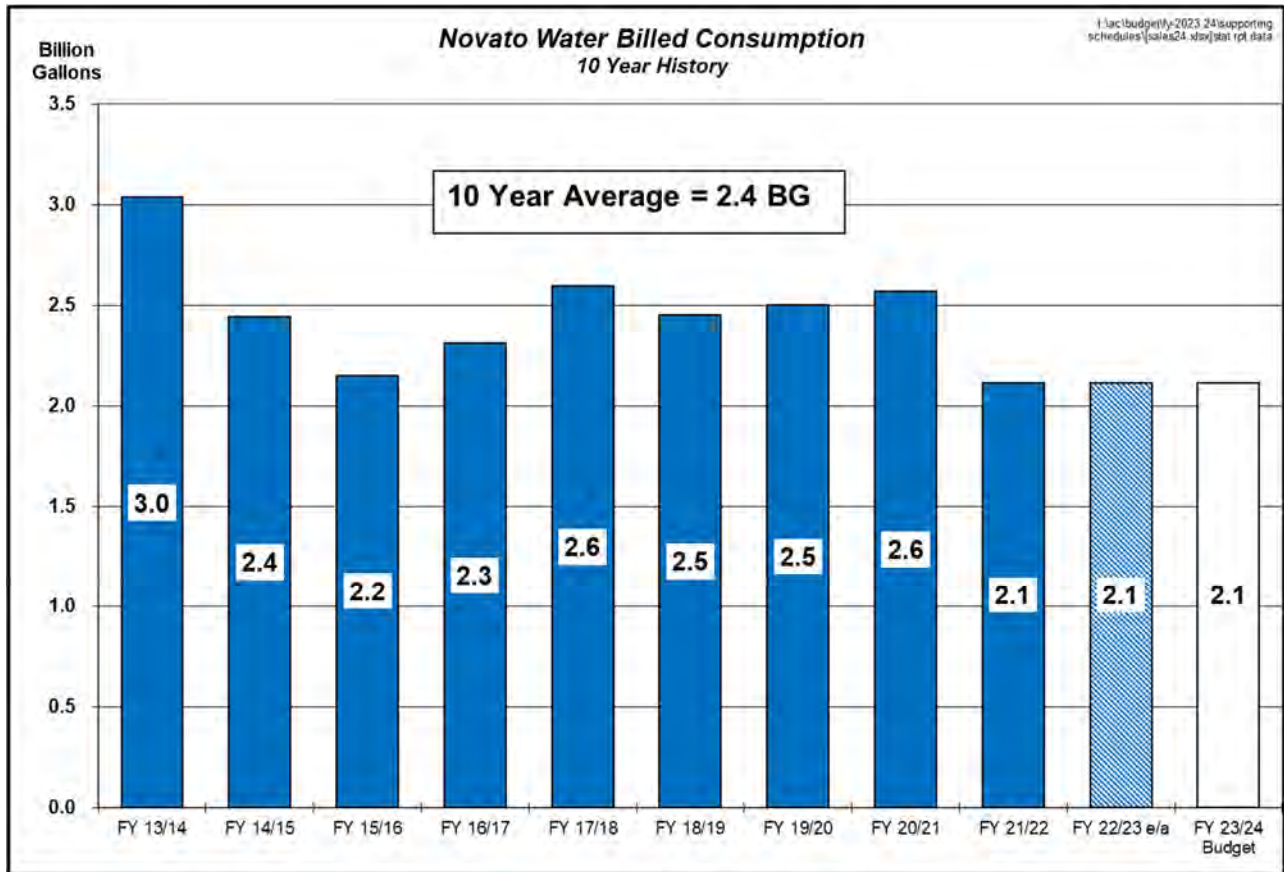


Novato Water

The Novato Potable Water System budget projects a \$2.2 million cash decrease over the fiscal year. A 9.5% rate increase in both the commodity and service charge, effective July 1, 2023, will be considered by the Board of Directors at a public hearing occurring on June 20, 2023. Total budget outlay, which includes \$4.4 million in internally funded capital improvement projects, is projected at \$27.1 million which is \$262,000 (1%) higher than the FY 22/23 budget.

Operating Revenue

Water Rate Revenue - Water consumption is budgeted at 2.1 billion gallons (BG) which is equivalent to the FY 22/23 budget. This conservative estimate is indicative of the current environmental and economic conditions where historical trends are less predictive of future outcomes. The proposed 9.5% rate increase, effective July 1, 2023 is projected to increase revenues by \$2 million but is highly dependent on water consumption volumes. The following chart shows a 10-year history of billed consumption for the Novato Potable Water System.



Other Operating Revenue – The wheeling charge to Marin Municipal Water District is budgeted at \$140,000. This is based on the average revenue collected in the past five years. Miscellaneous Operating Revenue of \$307,000, from various sources, include turn on and new account charges, hydrant meter installation and removal, lab services provided to other agencies, and backflow charges for testing and maintenance.

Operating Expenditures

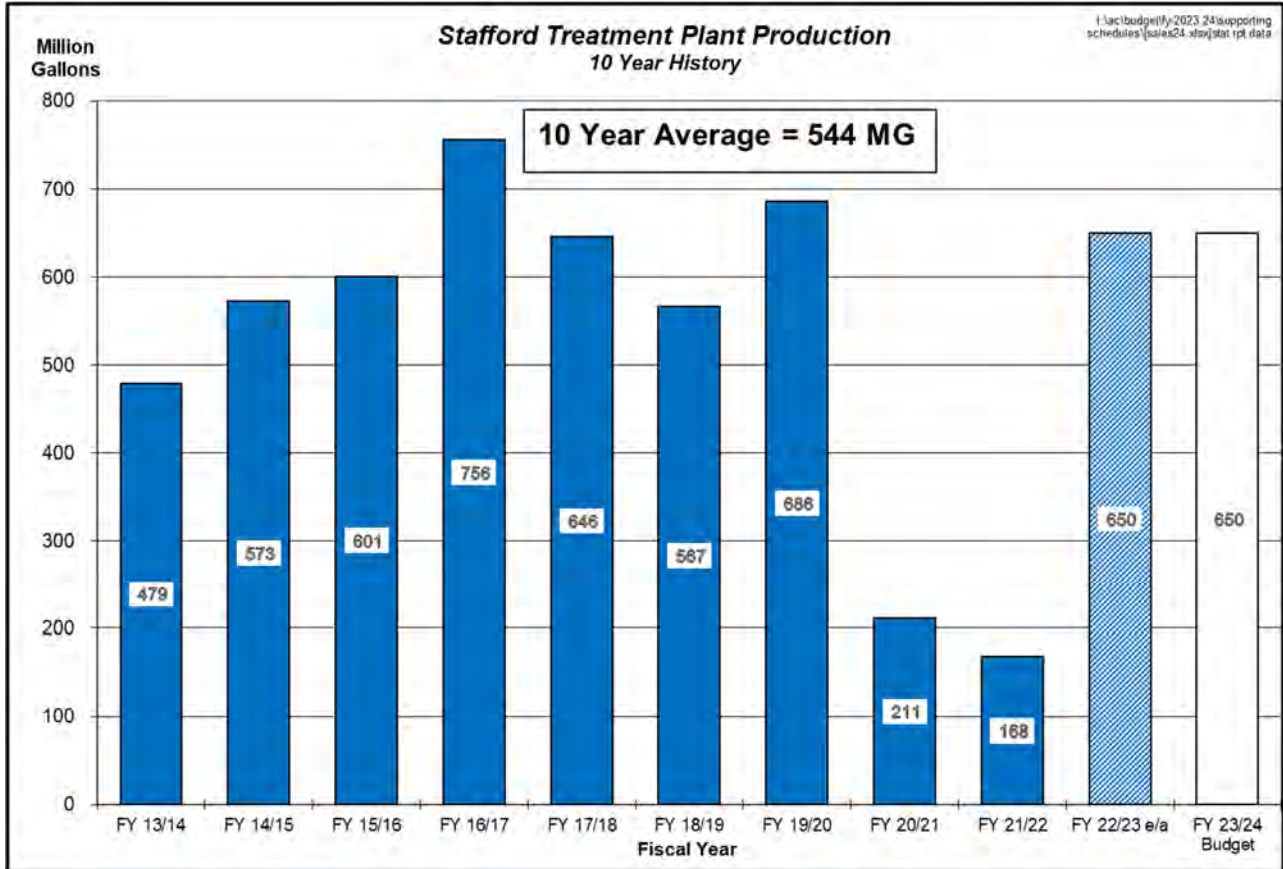
Operating expenses are budgeted to increase 9.8% or \$1.7 million from the FY 22/23 budget. The increase is primarily due to inflation adjustments, increases in the cost to purchase water, insurance costs, regulatory costs and personnel costs. Water purchases, and some operational costs are variable and dependent on the volume of water produced and purchased while many other expenses such as salaries, benefits, general liability insurance, and other administrative costs are fixed. More details are outlined in this budget report.

Source of Supply – The purchase price of water from Sonoma Water (SW) (also known as Sonoma County Water Agency) is projected to increase 12.51% in FY 23/24. This change will result in a cost per million gallons (MG) of \$3,804 for FY 23/24 versus \$3,381 for FY 22/23 and is estimated to increase the cost to purchase water by \$600,000.

Stafford Treatment Plant (STP) Water Production – STP water production is projected at 650 MG in FY 23/24 which is higher than the 10-year average annual production of 544 MG, as shown in the below chart. This estimate could differ from actual operations but is probable due to Stafford

Lake being full from the recent wet winter. The cost to produce water, at this budgeted level of production, costs approximately 30% more than purchasing it from SW.

Although the cost of STP water production is higher than purchases from SW, the benefits of having a local water supply for resiliency, emergency preparedness, and periodic maintenance on the SW transmission system, outweighs the additional costs in operating the plant.



Personnel Costs - The budget includes a staffing level of 58 full-time equivalent (FTE) employees, see staffing position allocation schedule. There is an increase of one FTE in the Administration Department, one FTE in the Operations Department, and one FTE in the Construction Department. The increased headcount is budgeted to assist with excess workload, new and existing regulation compliance, redundancy coverage, preparedness for emergency events, and succession planning.

The District previously entered into a five-year Memorandum of Understanding (MOU) with the Employee Association which expires on September 30, 2023. Negotiations for an updated contract are in progress. Changes in salaries and benefits are assumed to align with inflationary projected increases.

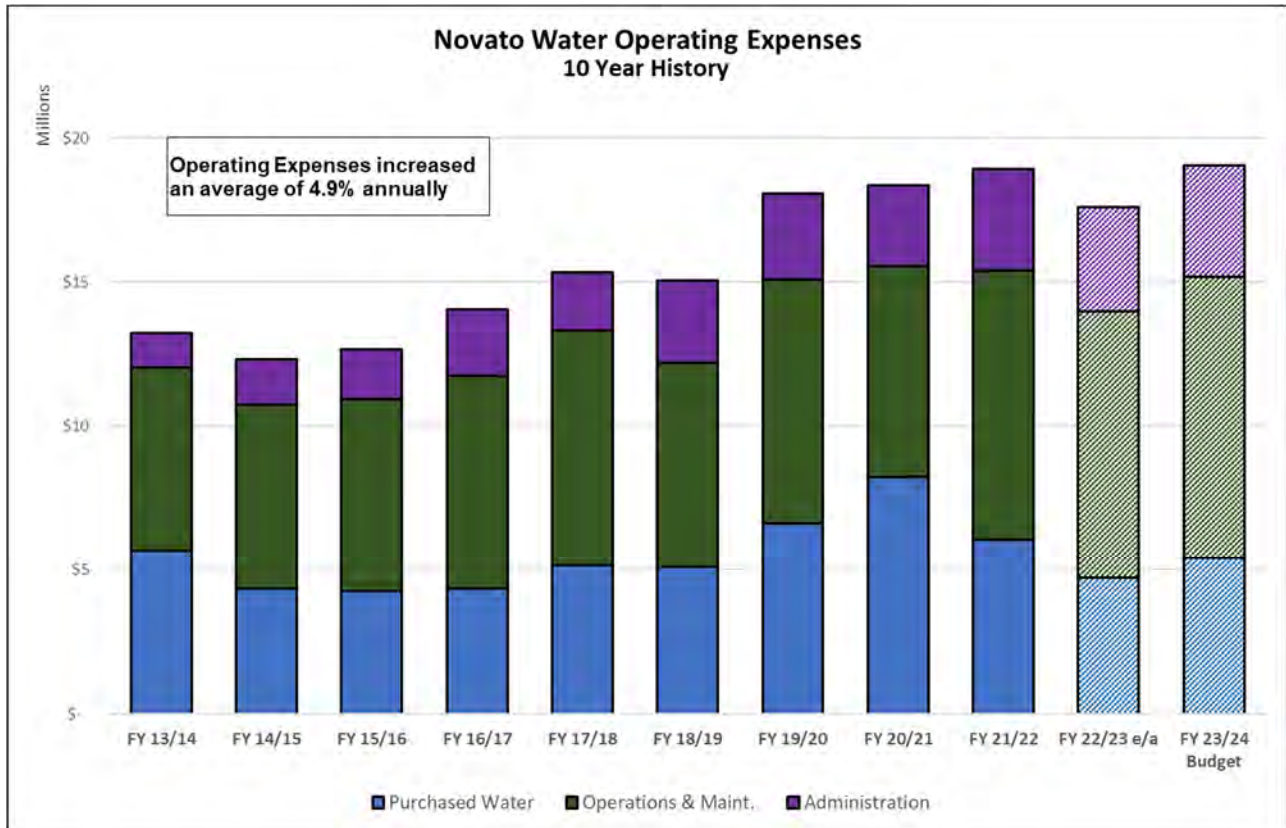
The District's CalPERS retirement contribution rate and related employer costs are budgeted at 30.3% of employee earnings, which approximates the rate budgeted last year. When applied to the FY 23/24 budgeted earnings this equates to an increase in annual pension expense of approximately \$130,000. For context, the rate in FY 16/17 was 20.2% of earnings and any

increases in pension expense has a compounding impact when tied to annual COLA increases. Workers compensation insurance is budgeted to increase 11% based on actual premiums as provided by our insurance provider, Zenith. For budgeting purposes, group health insurance rates were increased with inflation. Over the last three years, average health insurance costs increased 5.9% annually.

Other Operations & Maintenance Expenses –

- Office Equipment Expense is budgeted at \$260,000 which includes an increased budget in preparation for the District's headquarters and laboratory relocation back to Rush Creek Place. This is \$132,000 (103%) higher than the prior year's budget. The move necessitates additional office expenses that cannot be classified as capital expenditures, including some furniture and Information Technology (IT) items.
- Backflow Prevention Program is budgeted at \$356,000 which is an increase of \$119,000 (50%) from the prior year's budget. The increase is due to the State required backflow testing, which includes staff time, materials, and contracts with outside vendors. The increase is needed to align the budget with the actual cost of the program.
- Insurance Premiums and Claims are budgeted at \$268,000 which is an increase of \$73,000 (37%) from the prior year's budget and align with expected premium and claim costs.
- Studies and Special Projects are budgeted at \$385,000, which is \$61,000 (19%) higher than the prior year's budget. Included in this expense is an update to the Novato Water Master Plan and an Aqueduct Vulnerability/Cathodic Assessment.
- Human Resources are budgeted at \$258,000 which is an increase of \$61,000 (31%) from the prior year's budget. The increase is due to staff time, legal counsel, and the completion of the compensation survey related to the Employee Association negotiations.
- Chemical Costs for water treatment are budgeted at \$480,000 which is an increase of \$45,000 (10%) from the prior year's budget. The increase is based on prices provided by the Bay Area Chemical Consortium (BACC) and quantities estimated by Operations.
- Permit and Regulatory Fees are budgeted at \$200,000 which is an increase of \$21,000 (12%) from the prior year's budget. The increase is based on actual invoices received for the next fiscal year and estimates based on prior year's average increases.

The following chart shows the past 10-years of operating expenses for Novato Water. The average increase to actual expenses is 4.9% which is influenced by a one-time payment of \$1.1M in FY 19/20 for bond issued debt service made to SW. Additionally, the average increase in operating expenses is impacted by the purchase of 363.5 million gallons of water from SW to backfeed Stafford Lake in FY 21/22 at the cost of \$1.1 million.



Non-Operating Revenue –

Facility Reserve Charge (FRC) revenue is budgeted in FY 23/24 at \$793,000. FRC revenue of \$400,000 for 14 Equivalent Dwelling Units (EDUs) is estimated to be collected in FY 22/23. The annual average connections have been 55 EDUs (FY 18/19 through FY 22/23). Included in the projections is annual FRC revenue equivalent to 28 EDUs or about half of the actual five-year average.

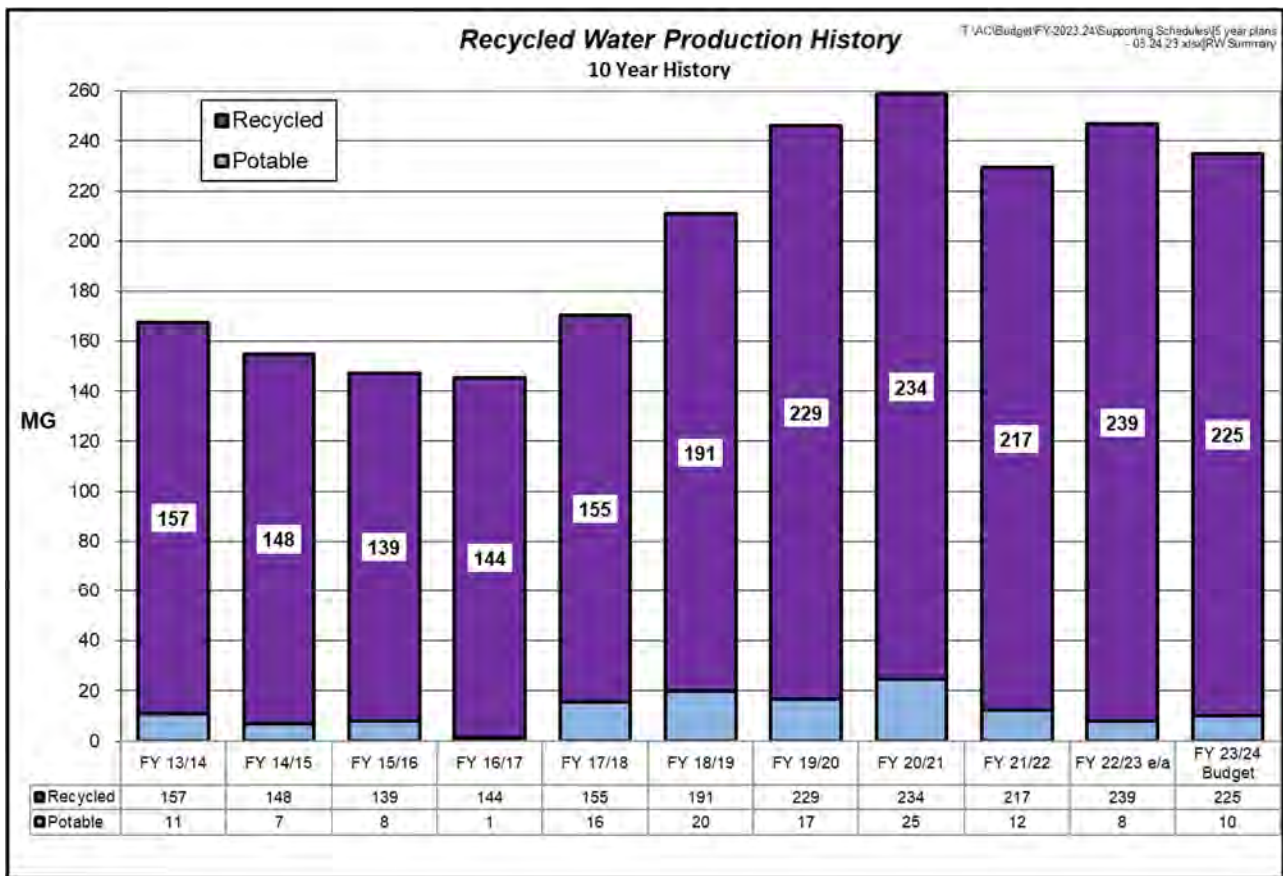
Marin Municipal Water District (MMWD) will pay the annual fixed Aqueduct Energy Efficiency Project (AEEP) capital contribution of \$205,000 in accordance with the terms of the 2014 Interconnection Agreement. Additional non-operating revenue of \$667,000 is comprised of interest earnings, property tax revenue, and rental income.

Non-Operating Expenses –

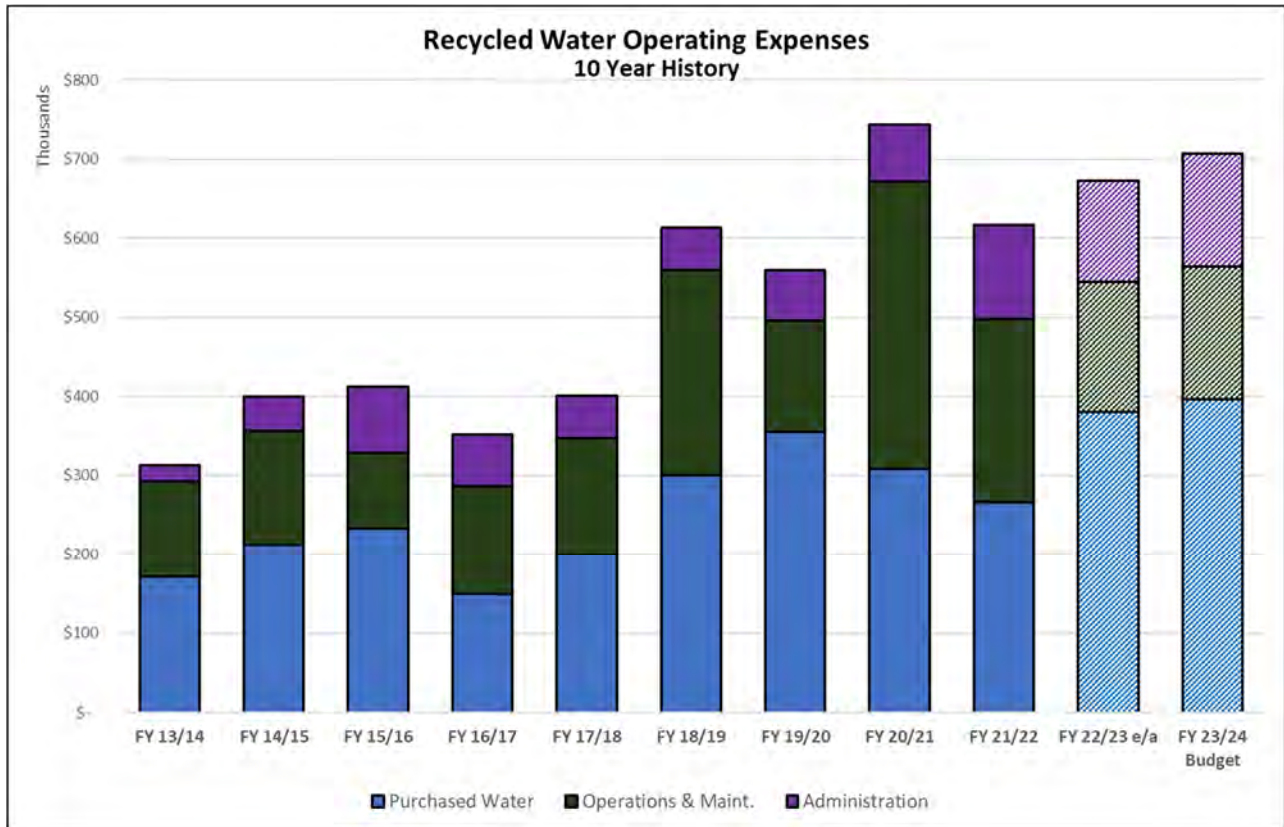
An expense of \$376,000 for costs related to the lease of temporary office and lab space during the Administrative and Laboratory Upgrade Project is included in the FY 23/24 Budget. These are temporary expenses and will cease once the project is complete.

Recycled Water

The FY 23/24 Recycled Water (RW) System Budget projects demand of 235 MG which is slightly lower than the estimated consumption for FY 22/23. The Recycled Water System five-year forecast projects ongoing demand of 235 MG, which is a slight reduction from the FY 22/23 projections with expected reduced recycled water use assuming non-drought years. See below for the RW production ten-year history. Consistent with the 2020 Novato and Recycled Water Rate Study recommendation an increase of 5.3% (current rate of inflation at the time of this budget preparation) for the commodity rate and bimonthly service charge is proposed to be effective July 1, 2023 followed by 6% rate increases in FY 24/25 through FY 27/28. The proposed increase is projected to generate \$96,000 in additional revenue next fiscal year. The RW rates will be reviewed in an updated rate study in FY 23/24.



Operating expenses are budgeted to increase approximately 5% (\$34,000) from the projected FY 22/23 actuals, primarily due to inflation – see below chart for 10-year history. The FY 23/24 budget includes the purchase of 180 MG (\$283,000) of treated water from Novato Sanitary District (NSD), for approximately \$1,570/MG and 50 MG (\$113,000) from Las Gallinas Valley Sanitary District (LGVSD), for approximately \$2,250/MG. The Deer Island Plant is budgeted to produce 5 MG during the summer to keep it operational and as a condition of the State Revolving Fund (SRF) loan that was borrowed in 2006 to construct the plant.



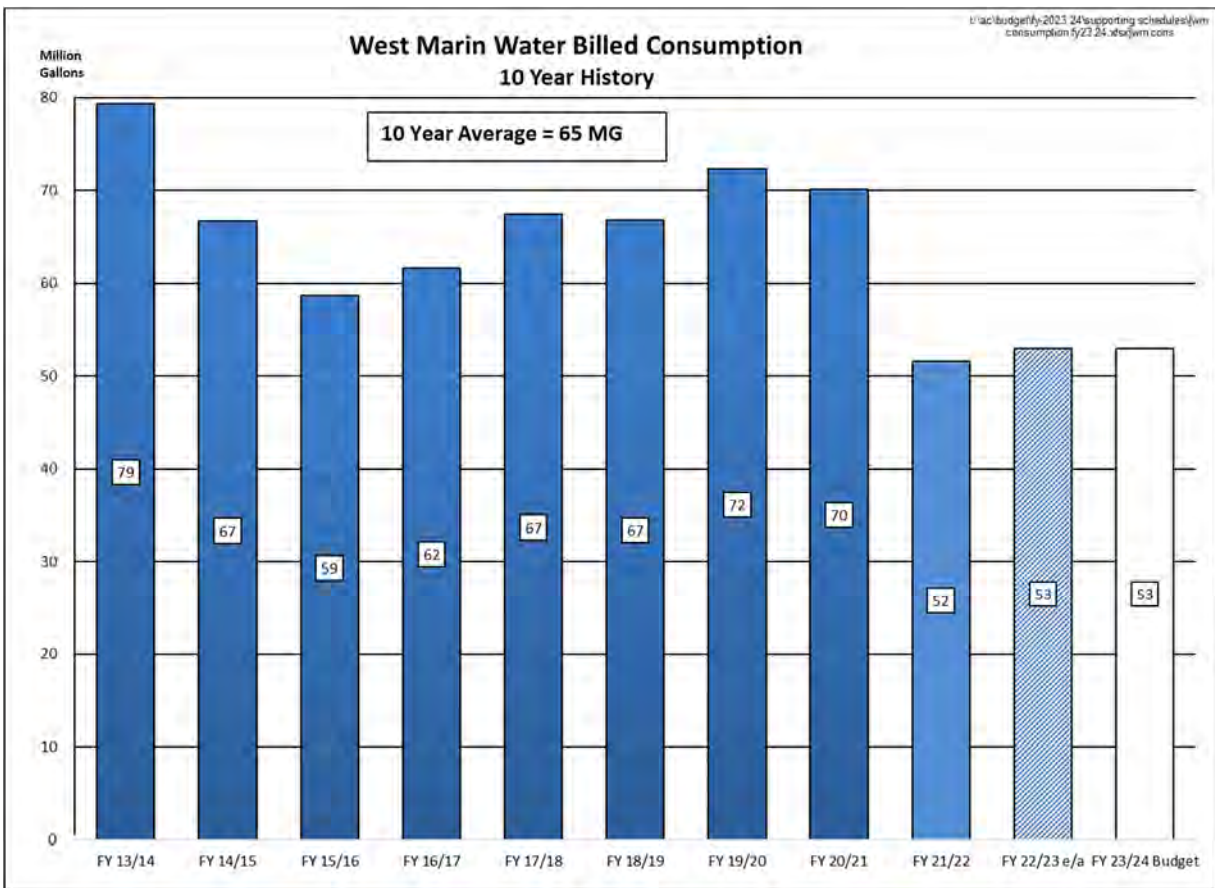
Agreements with NSD and LGVSD allocate net operating revenues to a reserve fund titled Capital Replacement and Expansion Fund. These funds are allocated to each agency, including NMWD, and are designated for CIP related projects for the individual RW systems. Since the net revenues are allocated, by agreement for this specific purpose, Facility Reserve Charges from the Novato potable water system are transferred annually to cover the cost of RW debt service. The FY 23/24 RW budget transfers for the cost of debt service is budgeted at \$750,000.

Major projects to expand recycled water distribution facilities for FY 23/24 include \$300,000 to extend RW from Redwood Blvd to Rush Creek Place and \$300,000 for the Hamilton Veteran’s Housing Project (Homeward Bound). These CIP projects are scheduled to be financed with the Capital Replacement and Expansion Fund Reserve.

West Marin Water

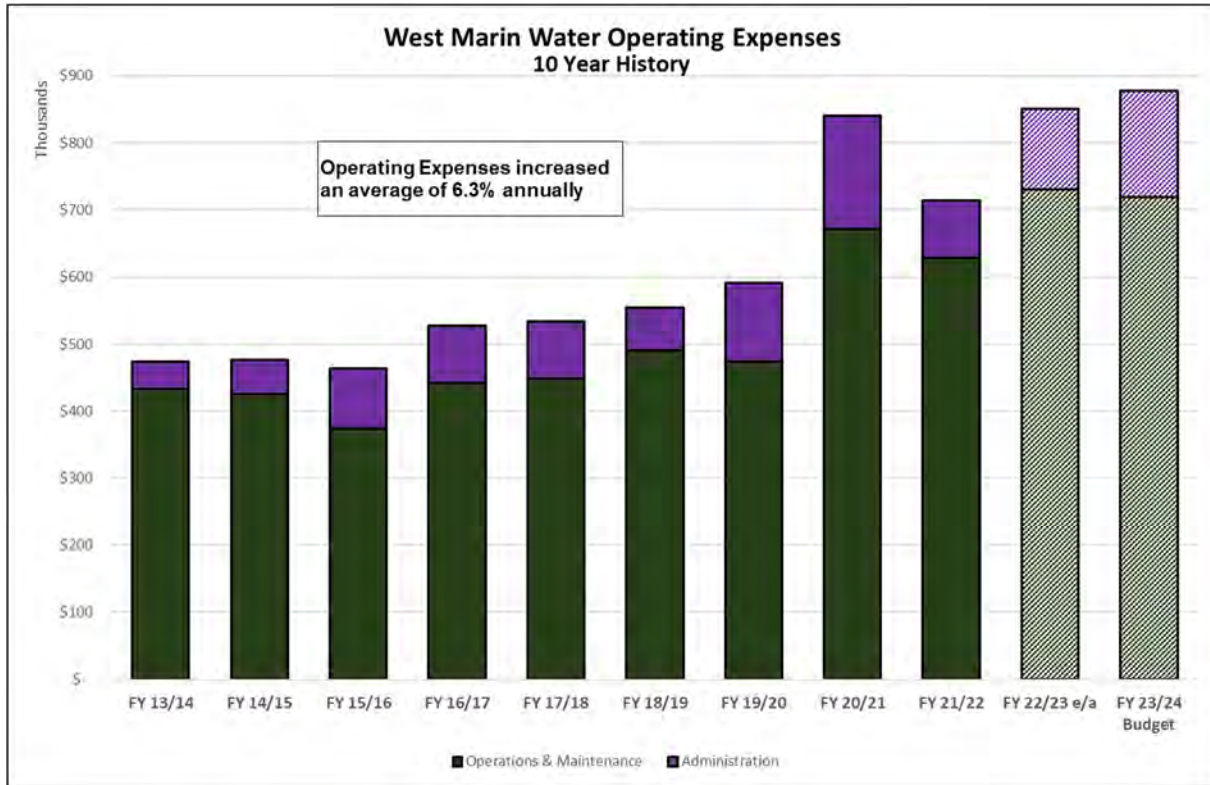
Incorporated in the West Marin Water budget is a 6% rate increase in both the commodity and service charge, effective July 1, 2023. The rate increase aligns with the Board approved 2021 West Marin Water Rate Study. This proposed increase will be considered by the Board of Directors at a public hearing occurring on June 20, 2023. There is one new Facility Reserve Charge budgeted for FY 23/24.

FY 23/24 water consumption is budgeted at 53 MG and is based on the estimated consumption of 53 MG in FY 22/23. The projections for outlying years are forecasted at 56.5 MG, substantially below the actual ten-year average of 65 MG (see the below chart). Similar to Novato Potable water, the water consumption estimate is conservative given the present environmental and economic conditions. Historical trends have become less reliable as indicators of future outcomes.



WM operating expenditures are budgeted at \$877,000 which is \$127,000 higher or 16.9% more than the FY 22/23 adopted budget. The increase is primarily due to inflation and the inclusion of a Water Supply Resilience Feasibility study estimated at \$75,000. The budget projects a net operating revenue of \$157,000 and, after capital outlay and debt service, the system is projected to show a cash decrease for the year of \$196,000.

The below chart shows the past 10-years of operating expenses for West Marin Water.

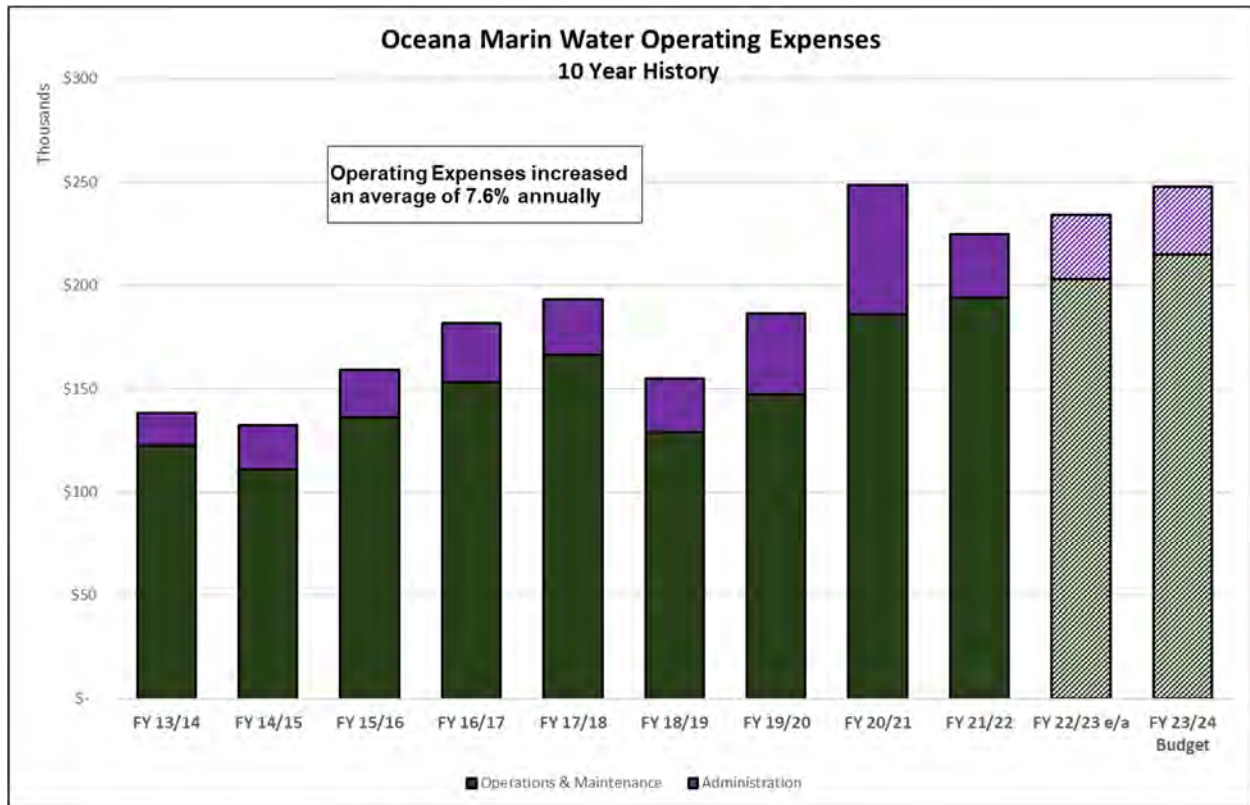


Oceana Marin Sewer

A proposed 6% rate increase (to \$1,374/year) in the Oceana Marin (OM) Sewer Service Charge effective July 1, 2023, is projected to add approximately \$17,000 in additional annual revenue. The increase will be considered by the Board of Directors at a public hearing occurring on June 20, 2023. Growth in the past three years has remained stable so conservatively there are no new Facility Reserve Charges budgeted for FY 23/24. Included in the five-year financial forecast is revenue for one new connection every other year.

FY 23/24 OM operating expenditures are budgeted at \$248,000 which is an increase of \$25,000 or 11% from the FY 22/23 adopted budget. The increase is primarily due to inflation and adjustments in costs to align with expected operational needs. The budget projects a net operating revenue of \$75,000 and, after capital outlay, the system is projected to show a cash decrease for the year of \$96,000.

The below chart shows the past 10-years of operating expense for Oceana Marin Sewer.



Capital Improvement Project Budget (CIP)

The Fiscal Year 23/24 Capital Improvement Project (CIP) budget includes projects recommended for Novato Water, Recycled Water, West Marin Water, and Oceana Marin Sewer.

The below table identifies significant projects (totaling over \$500,000 or more) to be undertaken over the next five fiscal years. The table also includes the total cost of the projects, which adds all costs occurring within and outside of the five-year budget period.

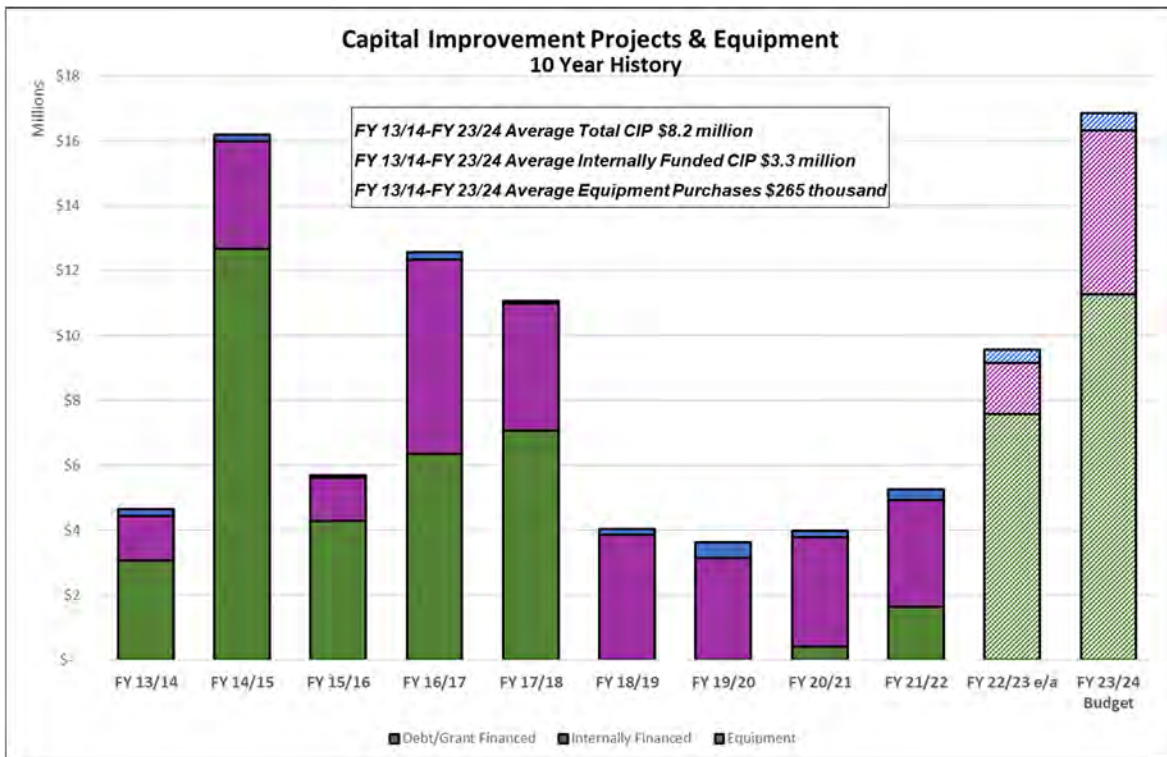
Project	FY23/24	FY24/25	FY25/26 thru FY 27/28	Total Project Costs
Administration and Laboratory Upgrade Project	\$ 8,000,000	\$ -	\$ -	\$ 16,740,000
Novato Blvd Widening – Diablo to Grant (4,100')	80,000	1,000,000	1,500,000	2,595,000
Lynwood Pump Station Replacement	300,000	1,000,000	1,000,000	2,440,000
Oceana Marin Treatment Pond Rehab (OM)	800,000	1,000,000	-	1,815,000
Lagunitas Creek Bridge Pipe Replacement (Caltrans)	50,000	240,000	1,200,000	1,580,000
Crest PS Construction (Reloc. School Rd. PS)	1,500,000	-	-	1,560,000
Water Supply Enhancement - Spillway ASG	150,000	150,000	1,200,000	1,550,000
San Mateo Tank 24" Transmission Main	25,000	25,000	1,025,000	1,085,000
Seismic Upgrade / Coating - Lynwood Tanks (x2)	25,000	500,000	500,000	1,025,000
Replace Supernatant Line to Center Rd. (4"-4,400LF)	625,000	375,000	-	1,025,000
Hydropneumatic Upgrades, Phase 1 (Bahia)	850,000	-	-	925,000
Hydropneumatic Upgrades, Phase 2 (Hayden)	-	-	925,000	925,000
PRE Tank #1 & #2 Replacement (WM)	-	-	620,000	620,000
Other Projects	3,910,000	2,720,000	10,030,000	
Gross Project Outlay	16,315,000	7,010,000	18,000,000	33,885,000
Less Loan/Grant Funding	(11,255,000)	(2,530,000)	(2,016,000)	(15,801,000)
Net Project Outlay (internally funded)	\$5,060,000	\$4,480,000	\$15,984,000	\$18,084,000

Below is a summary of the capital projects that are funded through pay as you go (Pay-go) financing. Pay-go capital financing matches the rate revenue generated during the fiscal year with the budgeted CIP. This enables the projects to be completed incrementally and reduces reliance on debt. The CIP budget includes 54 projects in FY 23/24 and 35 projects in FY 24/25. This comprehensive plan is developed to confirm that adequate funding and staffing exists to accomplish the budgeted projects planned for FY 23/24. Novato Potable Water's CIP expenditure plan, when viewed over the current fiscal year and the next five years, averages \$4.4 million annually in internally funded projects, and West Marin Water's CIP expenditure plan, averages \$548,000 annually in internally funded projects.

DRAFT BUDGET - JUNE 6, 2023 REVIEW

Service Area and Type	# of		# of		# of		# of		# of	
	FY 23/24	Projects	FY 24/25	Projects	FY 25/26	Projects	FY 26/27	Projects	FY 27/28	Projects
Novato										
District Offices	\$8,225,000	3	\$ 365,000	2			\$ 500,000	1	\$ 500,000	1
Tank Rehabilitation / Replacement	2,985,000	10	1,875,000	5	1,950,000	6	1,275,000	5	1,400,000	7
Stafford Treatment Plant (STP)	1,525,000	8	1,050,000	6	900,000	2	700,000	4	650,000	3
Pipelines	1,040,000	11	1,525,000	7	2,025,000	7	2,000,000	7	1,515,000	18
Other Improvements	160,000	3	210,000	3	310,000	3	310,000	3	310,000	3
Less Funded by Loans/Grants/Other	(9,500,000)		(1,000,000)		(666,000)					
Novato Total	\$4,435,000	35	\$4,025,000	23	\$4,519,000	18	\$4,785,000	20	\$4,375,000	32
Recycled Water										
Pipelines	600,000	2	350,000	1						
Tanks & Pump Stations	100,000	1								
Other Improvements	140,000	2			150,000	1	150,000	1	150,000	1
Less Funded by Loans/Grants/Other	(750,000)		(350,000)		(150,000)		(150,000)		(150,000)	
Recycled Water Total	\$ 90,000	5	\$ -	1	\$ -	1	\$ -	1	\$ -	1
West Marin										
Pipelines	175,000	2	285,000	2	1,200,000	1			200,000	1
Wells	260,000	3	5,000	1						
Tank Rehabilitation / Replacement							620,000	1	450,000	1
Other Improvements	150,000	4	270,000	4	80,000	4	165,000	3	165,000	3
Less Funded by Loans/Grants/Other	(205,000)		(180,000)		(900,000)					
West Marin Total	380,000	9	\$ 380,000	7	\$ 380,000	5	\$ 785,000	4	\$ 815,000	5
Oceana Marin										
Lift Stations	810,000	2	\$1,010,000	2	\$ 5,000	1				
Pipelines	80,000	1					\$ 125,000	1		
Other Improvements	65,000	2	\$ 65,000	2	\$ 65,000	2	\$ 65,000	2	\$ 65,000	2
Less Funded by Loans/Grants/Other	(800,000)		(1,000,000)							
Oceana Marin Total	\$ 155,000	5	\$ 75,000	4	\$ 70,000	3	\$ 190,000	3	\$ 65,000	2
Total Pay-Go	\$5,060,000	54	\$4,480,000	35	\$4,969,000	27	\$5,760,000	28	\$5,255,000	40

The below chart shows the District wide 10-year history of capital improvement projects averaging \$8.2M per year, including \$3.3M of internally (or “Pay-Go”) financed projects, and a 10-year history of equipment purchases averaging \$265 thousand per year.



Equipment Budget - The FY 23/24 Equipment Budget totals \$538,000. This is \$19,000 lower than the FY 22/23 Equipment Budget of \$557,000. In FY 18/19 the District entered into a leasing agreement with Enterprise Fleet Management (EFM) with a plan to lease 27 vehicles, phased in over five years. There are currently 21 leased vehicles in the District’s fleet. Included in the FY 23/24 budget is \$148,000 for leased vehicles for the replacement of four additional vehicles, ranging from 8 to 15 years old. Another significant purchase included in the equipment budget is \$340,000 for a Class 8 Service Truck.

Debt Service

Principal and interest payments totaling \$4.5 million (excluding interfund loans) are budgeted as the annual obligation on \$41.5 million in outstanding debt (as of June 30, 2024), comprised of:

- \$4.9 million with a 2.39% interest rate for a State Revolving Fund (SRF) loan used to finance the Stafford Water Treatment Plant Rehabilitation;
- \$3.5 million with a 3.42% interest rate for a bank loan used to finance the AEEP and West Marin Treatment Plant Solids-Handling Facility;
- \$3.3 million with a 2.69% interest rate for a bank loan used to finance the Advanced Meter Information (AMI) project;
- \$18.4 million with a 3.11% for a bank loan used to finance the Administration and Laboratory Upgrade Project and other capital improvement projects.
- \$0.8 million with a 2.4% interest rate for an SRF loan used to finance the Deer Island Recycled Water Facility;
- \$10.6 million in SRF loans (with interest varying from 1%-2.6%) used to finance the recycled water distribution system;

The estimated FY 23/24 consolidated debt service coverage ratio (DSCR) is 1.58 which complies with the targeted >1.5 DSCR as outlined in the Board approved debt policy. DSCR measures the cash flow available to repay debt. A higher DSCR indicates a greater ability to meet debt obligations. The DSCR is calculated by dividing operating revenue (cash flows) by the total amount of debt payments due in the year. Below is the debt service schedule which provides more details on the District’s outstanding debt.

Service Area	Description	Issue Date	Rate	Original Amount	Final Pmt	FY 23/24			6/30/24 Outstanding Balance
						Interest Expense	Principal Paid	Total Debt Service	
1 Novato	SRF Loan - STP	2004	2.39%	\$16,528,850	07/01/29	\$ 133,353	\$ 911,121	\$1,044,474	\$ 4,894,922
2 Novato	Bank Marin Loan	2011	3.42%	\$7,000,000	10/27/31	\$ 113,863	\$ 368,178	\$ 482,041	\$ 3,122,754
3 Novato	Chase Bank Loan	2018	2.69%	\$4,600,000	03/01/33	\$ 88,098	\$ 290,000	\$ 378,098	\$ 3,275,000
4 Novato	Webster Bank	2022	3.11%	\$20,000,000	03/01/42	\$ 594,642	\$ 753,254	\$1,347,896	\$ 18,367,077
Novato Total						\$ 929,956	\$ 2,322,553	\$ 3,252,509	\$ 29,659,753
5 RW TP	SRF Loan	2006	2.40%	\$4,302,560	06/19/27	\$ 24,741	\$ 248,626	\$ 273,367	\$ 782,256
6 RW North	SRF Loans (4)	2013	2.60%	\$4,375,605	Varies	\$ 60,481	\$ 221,411	\$ 281,892	\$ 2,104,790
7 RW South	SRF Loans (3)	2013	2.20%	\$5,361,952	Varies	\$ 66,742	\$ 268,561	\$ 335,303	\$ 2,633,535
8 RW Central	SRF Loan	2016	1.00%	\$7,130,503	12/31/47	\$ 60,734	\$ 215,039	\$ 275,773	\$ 5,858,351
Recycled Water Total						\$ 212,698	\$ 953,637	\$ 1,166,335	\$ 11,378,932
9 WM Water	Bank Marin Loan	2012	3.42%	\$1,000,000	10/27/31	\$ 16,714	\$ 54,045	\$ 70,759	\$ 458,386
West Marin Water Total						\$ 16,714	\$ 54,045	\$ 70,759	\$ 458,386
FY 23/24 Total						\$1,159,368	\$3,330,235	\$4,489,603	\$41,497,071

North Marin Water District
FY 23/24 Staffing Position Allocation

Position	Monthly ¹		FY 22/23	FY 23/24
	Step 1	Top Step		
Administration				
General Manager ²	\$19,679		1	1
Executive Assistant/District Secretary	\$ 8,900	\$ 10,818	1	1
Water Conservation and Communications Manager ³	\$ 10,212	\$ 12,413	1	1
Auditor/Controller	\$ 14,150	\$ 17,200	1	1
Human Resources/Safety Manager	\$ 9,051	\$ 11,002	1	1
Accounting Supervisor	\$ 9,201	\$ 11,184	1	1
Senior Accountant	\$ 8,544	\$ 10,386	1	1
Staff Accountant ⁴	\$ 7,167	\$ 8,712	0	1
Accounting Clerk II	\$ 5,790	\$ 7,038	1	1
Storekeeper/Safety Coordinator	\$ 6,454	\$ 7,846	1	1
Administration Total			9	10
Consumer Services				
Consumer Services Supervisor	\$ 8,184	9,948	1	1
Receptionist/Customer Service Assistant	\$ 5,244	\$ 6,374	1	1
Field Service Representative I/II	\$ 5,833	\$ 7,587	2	2
Field Service Representative Lead	\$ 6,876	\$ 8,358	1	1
Consumers Services Total			5	5
Engineering				
Assistant General Manager/Chief Engineer	\$ 14,931	\$ 18,149	1	1
Senior Engineer	\$ 11,588	\$ 14,085	1	1
Associate Engineer	\$ 10,535	\$ 12,806	1	1
Junior Engineer	\$ 8,197	\$ 9,963	1	1
Engineering Technician IV	\$ 7,851	\$ 9,543	3	3
Engineering Services Representative	\$ 6,596	\$ 8,018	1	1
Engineering Administrative Assistant ³	\$ 6,028	\$ 7,326	1	1
Engineering Total			9	9
Operations/Maintenance				
Operations/Maintenance Superintendent	\$ 12,104	\$ 14,712	1	1
Maintenance Supervisor	\$ 9,140	\$ 11,110	1	1
Cross Connection Control Tech I/II	\$ 5,676	\$ 8,385	1	1
Auto/Equipment Mechanic	\$ 6,454	\$ 7,846	1	1
Apprentice Electrical Mechanical Tech	\$ 6,192	\$ 7,526	1	1
Electrical/Mechanical Tech	\$ 7,268	\$ 8,835	2	2
Program Assistant I/II	\$ 5,292	\$ 7,819	1	1
Utility Worker I/II/III	\$ 5,194	\$ 7,846	1	1
Operations/Maintenance Total			9	9
Operations				
Distribution & Treatment Plant Supervisor	\$ 10,902	\$ 13,251	1	1
Senior Distribution & Treatment Plant Operator	\$ 9,012	\$ 10,955	2	2
Distribution & Treatment Plant Operator	\$ 8,098	\$ 9,843	2	3
Assistant Distribution & Treatment Plant Operator	\$ 6,504	\$ 7,905	1	1
Operations Total			6	7

North Marin Water District
FY 23/24 Staffing Position Allocation

Position	Monthly ¹		FY 22/23	FY 23/24
	Step 1	Top Step		
Water Quality				
Water Quality Supervisor	\$ 10,763	\$ 13,082	1	1
Laboratory Technician	\$ 5,140	\$ 6,263	1	1
Chemist I/II	\$ 7,053	\$ 10,211	1	1
Senior Chemist	\$ 9,194	\$ 11,176	2	2
Water Quality Total			5	5
Construction/Maintenance				
Construction/Maintenance Superintendent	\$ 10,823	\$ 13,155	1	1
Maintenance Supervisor	\$ 9,140	\$ 11,110	0	1
Distribution/Maintenance Foreman	\$ 7,835	\$ 9,524	1	1
Pipeline Foreman	\$ 7,835	\$ 9,524	2	2
Heavy Equipment Operator	\$ 6,700	\$ 8,144	1	1
Utility Worker I/II/III	\$ 5,194	\$ 7,846	7	7
Construction/Maintenance Total			12	13
Total Employee Count (All positions are full time)			55	58

¹ Salaries are based on the current salary schedule effective October 1, 2022

² The General Manager's salary is an annual amount that is set by contract.

³ New Job Title Proposed

⁴ New Position Proposed - salary estimated to align with job series, to be updated with 2023 compensation survey.

North Marin Water District
Budget Summary - All Service Areas Combined
Fiscal Year 23/24

	<i>Proposed Budget FY 23/24</i>	<i>Estimated Actual FY 22/23</i>	<i>Adopted Budget FY 22/23</i>	
Operating Revenue				
1	Water Rate Revenue	\$25,666,000	\$24,094,000	\$24,865,000
2	Sewer Service Charges	323,000	306,000	306,000
3	Wheeling & Misc Service Charges	476,000	465,000	381,000
4	Total Operating Revenue	\$26,465,000	\$24,865,000	\$25,552,000
Operating Expenditures				
5	Source of Supply	\$5,908,000	\$5,194,000	\$6,182,000
6	Pumping	611,000	530,000	627,000
7	Operations	1,307,000	1,269,000	1,120,000
8	Water Treatment	3,208,000	3,005,000	2,802,000
9	Transmission & Distribution	4,421,000	4,272,000	3,898,000
10	Sewer Operations	213,000	201,000	195,000
11	Consumer Accounting	545,000	514,000	508,000
12	Water Conservation	476,000	462,000	462,000
13	General Administration	4,175,000	3,708,000	3,222,000
14	Total Operating Expenditures	\$20,864,000	\$19,155,000	\$19,016,000
15	Net Operating Revenue	\$5,601,000	\$5,710,000	\$6,536,000
Operating Expenditures				
16	Interest Earnings	\$585,000	\$906,000	\$332,000
17	Tax & Miscellaneous Revenue	248,000	248,000	265,000
18	Transfers Capital/Replace Expansion Fund	(568,000)	(589,000)	(590,000)
19	Miscellaneous Expense	(376,000)	(450,000)	(407,000)
20	Total Non-Op Revenue/(Expenditures)	(\$111,000)	\$115,000	(\$400,000)
Other Sources/(Uses) Of Funds				
21	Capital Improvement Projects	(\$16,315,000)	(\$9,145,000)	(\$18,899,000)
22	Loans/Grants	11,255,000	7,292,000	14,300,000
23	Capital Equipment Expenditures	(538,000)	(408,000)	(557,000)
24	CIP Efficiency Adjustment	1,668,000	-	-
25	Debt Principal Payments	(3,417,000)	(3,390,000)	(3,459,000)
26	Interest Expense	(1,203,000)	(1,235,000)	(1,119,000)
27	Marin Country Club Principal Repayment	39,000	38,000	39,000
28	Facility Reserve Charges	814,000	500,000	902,000
29	InterDistrict Loans (net)	(118,000)	-	(431,000)
30	MMWD AEEP Capital Contribution	161,000	157,000	205,000
31	Low Income Rate Assistance Program	(31,000)	(28,000)	(42,000)
32	Total Other Sources/(Uses)	(\$7,685,000)	(\$6,219,000)	(\$9,061,000)
33	Cash Increase/(Decrease)	(\$2,195,000)	(\$394,000)	(\$2,925,000)

DRAFT BUDGET - JUNE 6, 2023 REVIEW

North Marin Water District
Five-Year Financial Forecast - All Service Areas Combined
Fiscal Year 23/24

	<i>Budget FY 23/24</i>	<i>Forecast FY 24/25</i>	<i>Forecast FY 25/26</i>	<i>Forecast FY 26/27</i>	<i>Forecast FY 27/28</i>	
Operating Revenue						
1	Water Rate Revenue Commodity	\$17,991,000	\$19,510,000	\$21,026,000	\$22,479,000	\$24,011,000
2	Water Rate Revenue Service Charge	7,675,000	8,317,000	8,977,000	9,604,000	10,273,000
3	Total Water Rate Revenue	\$25,666,000	\$27,827,000	\$30,003,000	\$32,083,000	\$34,284,000
4	Wholesale Revenue - Wheeling to MMWD	\$140,000	\$144,000	\$148,000	\$152,000	\$157,000
5	Sewer Service Charges	323,000	344,000	364,000	386,000	411,000
6	Miscellaneous Service Charges	336,000	336,000	336,000	336,000	336,000
7	Operating Revenue - Other Charges	\$799,000	\$824,000	\$848,000	\$874,000	\$904,000
8	Total Operating Revenue	\$26,465,000	\$28,651,000	\$30,851,000	\$32,957,000	\$35,188,000
Operating Expenditures						
9	Source of Supply	\$5,908,000	\$6,561,000	\$7,202,000	\$7,900,000	\$8,473,000
10	Pumping	611,000	629,000	647,000	666,000	686,000
11	Operations	1,307,000	1,349,000	1,392,000	1,436,000	1,482,000
12	Water Treatment	3,208,000	3,304,000	3,403,000	3,505,000	3,610,000
13	Transmission & Distribution	4,421,000	4,557,000	4,696,000	4,839,000	4,986,000
14	Sewer Operations	213,000	226,000	239,000	253,000	268,000
15	Consumer Accounting	545,000	561,000	578,000	595,000	613,000
16	Water Conservation	476,000	490,000	504,000	519,000	534,000
17	General Administration	4,175,000	4,266,000	4,400,000	4,538,000	4,680,000
18	Total Operating Expenditures	\$20,864,000	\$21,943,000	\$23,061,000	\$24,251,000	\$25,332,000
19	Net Operating Revenue	\$5,601,000	\$6,708,000	\$7,790,000	\$8,706,000	\$9,856,000
Non-Operating Revenue/(Expenditures)						
20	Interest Earnings	\$585,000	\$493,000	\$471,000	\$472,000	\$475,000
21	Property Taxes & Miscellaneous Revenue	248,000	248,000	248,000	248,000	248,000
22	Miscellaneous Expense	(376,000)	(10,000)	(10,000)	(10,000)	(10,000)
23	Transfers Capital/Replace Expansion Fund	(568,000)	(602,000)	(640,000)	(680,000)	(711,000)
24	Total Non-Op Revenue/(Expenditures)	(\$111,000)	\$129,000	\$69,000	\$30,000	\$2,000
Other Other Sources/(Uses) Of Funds						
25	Total Capital Spending	(\$16,315,000)	(\$7,010,000)	(\$6,685,000)	(\$5,910,000)	(\$5,405,000)
26	Transfers Capital/Replace Expansion Fund	750,000	350,000	150,000	150,000	150,000
27	Interdistrict Loans	200,000	250,000	-	-	-
28	Debt/Grant Funded Capital	10,305,000	1,930,000	1,566,000	-	-
29	Cash Funded Capital Projects	(\$5,060,000)	(4,480,000)	(\$4,969,000)	(\$5,760,000)	(\$5,255,000)
30	Debt Service	(\$4,626,000)	(\$4,656,000)	(\$4,656,000)	(\$4,656,000)	(\$4,388,000)
31	Equipment Purchases	(538,000)	(550,000)	(550,000)	(550,000)	(550,000)
32	CIP Efficiency Adjustment	1,668,000	1,541,000	1,905,000	1,915,000	1,804,000
33	MMWD AEEP Contributions Principal	161,000	166,000	170,000	175,000	180,000
34	Marin Country Club Principal Repayment	39,000	39,000	39,000	40,000	40,000
35	Interdistrict Loans	(112,000)	(159,000)	93,000	96,000	98,000
36	Facility Reserve Charges	814,000	844,000	814,000	814,000	844,000
37	Funding for Affordability Program	(31,000)	(86,000)	(86,000)	(86,000)	(86,000)
38	Total Other Sources/(Uses)	(\$7,685,000)	(\$7,341,000)	(\$7,240,000)	(\$8,012,000)	(\$7,313,000)
39	Beginning Year Balance	\$25,766,000	\$23,571,000	\$23,067,000	\$23,686,000	\$24,410,000
40	Cash Increase/(Decrease)	(\$2,195,000)	(\$504,000)	\$619,000	\$724,000	\$2,545,000
41	Restricted Reserves	\$1,045,000	\$1,045,000	\$1,045,000	\$1,045,000	\$1,045,000
42	End of Year Cash Balance	\$23,571,000	\$23,067,000	\$23,686,000	\$24,410,000	\$26,955,000
43	Minimum Reserves (by policy)	\$12,855,000	\$13,112,000	\$13,377,000	\$13,654,000	\$13,945,000
44	Available Cash (Unrestricted)	\$9,671,000	\$8,910,000	\$9,264,000	\$9,711,000	\$11,965,000

Novato Water
Budget Summary
Fiscal Year 23/24

	<i>Proposed Budget FY 23/24</i>	<i>Estimated Actual FY 22/23</i>	<i>Adopted Budget FY 22/23</i>	
Operating Revenue				
1	Water Rate Revenue	\$22,771,000	\$21,266,000	\$21,927,000
2	Wheeling & Misc Service Charges	447,000	416,000	358,000
3	Total Operating Revenue	\$23,218,000	\$21,682,000	\$22,285,000
Operating Expenditures				
4	Source of Supply	\$5,486,000	\$4,795,000	\$5,775,000
5	Pumping	528,000	448,000	547,000
6	Operations	1,138,000	1,088,000	933,000
7	Water Treatment	2,942,000	2,741,000	2,511,000
8	Transmission & Distribution	4,121,000	3,958,000	3,661,000
9	Consumer Accounting	510,000	482,000	476,000
10	Water Conservation	466,000	457,000	447,000
11	General Administration	3,841,000	3,428,000	2,989,000
12	Total Operating Expenditures	\$19,032,000	\$17,397,000	\$17,339,000
13	Net Operating Revenue	\$4,186,000	\$4,285,000	\$4,946,000
Non-Operating Revenue/(Expenditures)				
14	Interest Earnings	\$469,000	\$790,000	\$280,000
15	Property Tax & Miscellaneous Revenue	242,000	\$242,000	136,000
16	Miscellaneous Expense	(376,000)	(450,000)	(406,000)
17	Total Non-Op Revenue/(Expenditures)	\$335,000	\$582,000	\$10,000
Other Sources/(Uses) Of Funds				
18	Capital Improvement Projects	\$ (13,935,000)	\$ (8,572,000)	\$ (16,527,000)
19	Loans/Grants	9,500,000	7,000,000	12,650,000
20	Capital Equipment Expenditures	(538,000)	(408,000)	(557,000)
21	CIP Efficiency Adjustment	1,492,000	-	-
22	Debt Principal Payments	(2,323,000)	(2,405,000)	(2,404,000)
23	Interest Expense	(930,000)	(985,000)	(846,000)
24	Facility Reserve Charges	793,000	500,000	872,000
25	MMWD AEEP Capital Contribution	161,000	157,000	205,000
26	West Marin Loan Principal Repayment	88,000	-	69,000
27	Loan to Oceana Marin	(200,000)	-	(500,000)
28	Low Income Rate Assistance Program	(31,000)	(28,000)	(42,000)
29	Transfer Out to Recycled Water	(750,000)	(750,000)	(890,000)
30	Total Other Sources/(Uses)	(\$6,673,000)	(\$5,491,000)	(\$7,970,000)
31	Cash Increase/(Decrease)	(\$2,152,000)	(\$624,000)	(\$3,014,000)

DRAFT BUDGET - JUNE 6, 2023 REVIEW

Novato Water
Five-Year Financial Forecast
Fiscal Year 23/24

	Budget FY 23/24	Forecast FY 24/25	Forecast FY 25/26	Forecast FY 26/27	Forecast FY 27/28
1 Water Rate Increase	9.50%	8.50%	8.00%	7.00%	7.00%
Operating Revenue					
2 Water Consumption (in billion gallons)	2.1	2.1	2.1	2.1	2.1
3 Water Rate Revenue Commodity	\$15,516,000	\$16,835,000	\$18,182,000	\$19,455,000	\$20,817,000
4 Water Rate Revenue Service Charge	7,255,000	7,872,000	8,502,000	9,097,000	9,734,000
5 Total Water Rate Revenue	\$22,771,000	\$24,707,000	\$26,684,000	\$28,552,000	\$30,551,000
6 Wholesale Revenue - Wheeling to MMWD	\$140,000	\$144,000	\$148,000	\$152,000	\$157,000
7 Miscellaneous Service Charges	307,000	307,000	307,000	307,000	307,000
8 Water Rate Revenue - Other Charges	\$447,000	\$451,000	\$455,000	\$459,000	\$464,000
9 Total Operating Revenue	\$23,218,000	\$25,158,000	\$27,139,000	\$29,011,000	\$31,015,000
Operating Expenditures					
10 Source of Supply	\$5,486,000	\$6,117,000	\$6,735,000	\$7,409,000	\$7,957,000
11 Pumping	528,000	544,000	560,000	577,000	594,000
12 Operations	1,138,000	1,172,000	1,207,000	1,243,000	1,280,000
13 Water Treatment	2,942,000	3,030,000	3,121,000	3,215,000	3,311,000
14 Transmission & Distribution	4,121,000	4,245,000	4,372,000	4,503,000	4,638,000
15 Consumer Accounting	510,000	525,000	541,000	557,000	574,000
16 Water Conservation	466,000	480,000	494,000	509,000	524,000
17 General Administration	3,841,000	3,956,000	4,075,000	4,197,000	4,323,000
18 Total Operating Expenditures	\$19,032,000	\$20,069,000	\$21,105,000	\$22,210,000	\$23,201,000
19 Net Operating Revenue	\$4,186,000	\$5,089,000	\$6,034,000	\$6,801,000	\$7,814,000
Non-Operating Revenue/(Expenditures)					
20 Interest Earnings	469,000	378,000	352,000	343,000	345,000
21 Property Taxes & Miscellaneous Revenue	242,000	242,000	242,000	242,000	242,000
22 Miscellaneous Expense	(376,000)	(10,000)	(10,000)	(10,000)	(10,000)
23 Total Non-Op Revenue/(Expenditures)	335,000	\$610,000	\$584,000	\$575,000	\$577,000
Other Other Sources/(Uses) Of Funds					
24 Total Capital Spending	(\$13,935,000)	(\$5,025,000)	(\$5,185,000)	(\$4,785,000)	(\$4,375,000)
25 Debt/Grant Funded Capital	9,500,000	1,000,000	666,000	-	-
26 Cash Funded Capital Projects	(\$4,435,000)	(\$4,025,000)	(\$4,519,000)	(\$4,785,000)	(\$4,375,000)
27 Debt Service	(\$3,253,000)	(\$3,253,000)	(\$3,253,000)	(\$3,253,000)	(\$3,253,000)
28 Equipment Purchases	(538,000)	(550,000)	(550,000)	(550,000)	(550,000)
29 CIP Efficiency Adjustment	1,492,000	1,373,000	1,521,000	1,601,000	1,478,000
30 Transfer Out to Recycled Water	(750,000)	(750,000)	(750,000)	(750,000)	(750,000)
30 Loan Repayment West Marin Principal	88,000	91,000	93,000	96,000	98,000
31 MMWD AEEP Contributions Principal	161,000	166,000	170,000	175,000	180,000
32 Facility Reserve Charges	793,000	793,000	793,000	793,000	793,000
33 Loan to Oceana Marin	(200,000)	(250,000)	-	-	-
34 Funding for Affordability Program	(31,000)	(86,000)	(86,000)	(86,000)	(86,000)
35 Total Other Sources/(Uses)	(\$6,673,000)	(\$6,491,000)	(\$6,581,000)	(\$6,759,000)	(\$6,465,000)
36 Beginning Year Balance	\$18,038,000	\$15,886,000	\$15,094,000	\$15,131,000	\$15,748,000
37 Cash Increase/(Decrease)	(\$2,152,000)	(\$792,000)	\$37,000	\$617,000	\$1,926,000
38 Restricted Reserves	\$1,045,000	\$1,045,000	\$1,045,000	\$1,045,000	\$1,045,000
39 End of Year Cash Balance	\$15,886,000	\$15,094,000	\$15,131,000	\$15,748,000	\$17,674,000
40 Minimum Reserves (by policy)	\$12,855,000	\$13,112,000	\$13,377,000	\$13,654,000	\$13,945,000
41 Available Cash (Unrestricted)	\$1,986,000	\$937,000	\$709,000	\$1,049,000	\$2,684,000

Novato Recycled Water
Budget Summary
Fiscal Year 23/24

	<i>Proposed Budget FY 23/24</i>	<i>Estimated Actual FY 22/23</i>	<i>Adopted Budget FY 22/23</i>	
Operating Revenue				
1	Recycled Water Rate Revenue	\$1,870,000	\$1,861,000	\$1,869,000
2	Water Loads & Turn on Charges	20,000	40,000	15,000
3	Total Operating Revenue	\$1,890,000	\$1,901,000	\$1,884,000
Operating Expenditures				
4	Purchased Water - NSD & LGVSD	\$396,000	\$380,000	\$380,000
5	Pumping	5,000	5,000	7,000
6	Operations	81,000	80,000	104,000
7	Water Treatment	5,000	4,000	33,000
8	Transmission & Distribution	75,000	74,000	74,000
9	Consumer Accounting	2,000	2,000	2,000
10	General Administration	143,000	128,000	104,000
11	Total Operating Expenditures	\$707,000	\$673,000	\$704,000
12	Net Operating Revenue	\$1,183,000	\$1,228,000	\$1,180,000
Non-Operating Revenue/(Expenditures)				
13	Interest Earnings	\$99,000	\$97,000	\$40,000
14	Transfers Capital/Replace Expansion Fund	(568,000)	(589,000)	(590,000)
15	Total Non-Op Revenue/(Expenditures)	(\$469,000)	(\$492,000)	(\$550,000)
Other Sources/(Uses) Of Funds				
16	Capital Improvement Projects	(\$840,000)	-	(\$350,000)
17	Transfers Capital/Replace Expansion Fund	750,000	-	350,000
18	Debt Principal Payments	(950,000)	(933,000)	(932,000)
19	Interest Expense	(214,000)	(231,000)	(231,000)
20	Marin Country Club Principal Repayment	39,000	38,000	39,000
21	Connection Fee Transfer from (to) RW	750,000	750,000	890,000
22	Total Other Sources/(Uses)	(\$465,000)	(\$376,000)	(\$234,000)
23	Cash Increase/(Decrease)	\$249,000	\$360,000	\$396,000

DRAFT BUDGET - JUNE 6, 2023 REVIEW

Novato Recycled Water
Five-Year Financial Forecast
Fiscal Year 23/24

	Budget FY 23/24	Forecast FY 24/25	Forecast FY 25/26	Forecast FY 26/27	Forecast FY 27/28
1 Recycled Water Rate Increase	5.30%	6.00%	6.00%	6.00%	5.00%
Operating Revenue					
2 Water Consumption (in million gallons)	235	235	235	235	235
3 Recycled Water Rate Revenue Commodity	\$1,735,000	\$1,839,000	\$1,949,000	\$2,066,000	\$2,169,000
4 Recycled Water Rate Revenue Service Charge	135,000	143,000	152,000	161,000	169,000
5 Total Recycled Water Rate Revenue	\$1,870,000	\$1,982,000	\$2,101,000	\$2,227,000	\$2,338,000
6 Miscellaneous Service Charges	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
7 Total Operating Revenue	\$1,890,000	\$2,002,000	\$2,121,000	\$2,247,000	\$2,358,000
Operating Expenditures					
8 Purchased Water - NSD & LGVSD	\$396,000	\$417,000	\$439,000	\$462,000	\$486,000
9 Pumping	5,000	5,000	5,000	5,000	5,000
10 Operations	81,000	86,000	91,000	96,000	102,000
11 Water Treatment	5,000	5,000	5,000	5,000	5,000
12 Transmission & Distribution	75,000	80,000	85,000	90,000	95,000
13 Consumer Accounting	2,000	2,000	2,000	2,000	2,000
14 General Administration	143,000	152,000	161,000	171,000	181,000
15 Total Operating Expenditures	\$707,000	\$747,000	\$788,000	\$831,000	\$876,000
16 Net Operating Revenue	\$1,183,000	\$1,255,000	\$1,333,000	\$1,416,000	\$1,482,000
Non-Operating Revenue/(Expenditures)					
17 Interest Earnings	\$99,000	\$102,000	\$108,000	\$115,000	\$122,000
18 Transfers Capital/Replace Expansion Fund	(568,000)	(602,000)	(640,000)	(680,000)	(711,000)
19 Total Non-Op Revenue/(Expenditures)	(\$469,000)	(\$500,000)	(\$532,000)	(\$565,000)	(\$589,000)
Other Sources/(Uses) Of Funds					
20 Total Capital Spending	(\$840,000)	(\$350,000)	(\$150,000)	(\$150,000)	(\$150,000)
21 Transfers Capital/Replace Expansion Fund	750,000	350,000	150,000	150,000	150,000
22 Cash Funded Capital Projects	(\$90,000)	\$0	\$0	\$0	\$0
23 Debt Service	(\$1,164,000)	(\$1,164,000)	(\$1,164,000)	(\$1,164,000)	(\$896,000)
24 Marin Country Club Principal Repayment	39,000	39,000	39,000	40,000	40,000
25 Transfer In to Recycled Water	750,000	750,000	750,000	750,000	750,000
26 Total Other Sources/(Uses)	(\$465,000)	(\$375,000)	(\$375,000)	(\$374,000)	(\$106,000)
27 Beginning Year Balance	\$6,580,000	\$6,829,000	\$7,209,000	\$7,635,000	\$8,112,000
28 Cash Increase/(Decrease)	\$249,000	\$380,000	\$426,000	\$477,000	\$787,000
29 Capital Replacement Expansion Fund	\$4,588,000	\$4,841,000	\$5,331,000	\$5,860,000	\$6,422,000
30 Restricted Reserves	\$1,105,000	\$1,105,000	\$1,105,000	\$1,105,000	\$890,000
31 Available Cash (Unrestricted)	\$1,136,000	\$1,263,000	\$1,199,000	\$1,147,000	\$1,587,000
32 End of Year Cash Balance	\$6,829,000	\$7,209,000	\$7,635,000	\$8,112,000	\$8,899,000

West Marin Water
Budget Summary
Fiscal Year 23/24

	<i>Proposed Budget FY 23/24</i>	<i>Estimated Actual FY 22/23</i>	<i>Adopted Budget FY 22/23</i>	
Operating Revenue				
1	Water Rate Revenue	\$1,025,000	\$967,000	\$1,069,000
2	Misc Service Charges	9,000	9,000	8,000
3	Total Operating Revenue	\$1,034,000	\$976,000	\$1,077,000
Operating Expenditures				
4	Source of Supply	\$26,000	\$19,000	\$27,000
5	Pumping	78,000	77,000	73,000
6	Operations	88,000	101,000	83,000
7	Water Treatment	261,000	260,000	258,000
8	Transmission & Distribution	225,000	240,000	163,000
9	Consumer Accounting	31,000	28,000	28,000
10	Water Conservation	10,000	5,000	15,000
11	General Administration	158,000	121,000	103,000
12	Total Operating Expenditures	\$877,000	\$851,000	\$750,000
13	Net Operating Revenue	\$157,000	\$125,000	\$327,000
Non-Operating Revenue/(Expenditures)				
14	Interest Earnings	\$10,000	\$8,000	\$8,000
15	Miscellaneous Revenue	6,000	\$6,000	66,000
16	Total Non-Op Revenue/(Expenditures)	\$16,000	\$14,000	\$74,000
Other Sources/(Uses) Of Funds				
17	Capital Improvement Projects	(585,000)	(463,000)	(647,000)
18	Loans/Grants	205,000	280,000	340,000
19	CIP Efficiency Adjustment	176,000	-	-
20	Debt Principal Payments	(144,000)	(52,000)	(123,000)
21	Interest Expense	(42,000)	(19,000)	(42,000)
22	Facility Reserve Charges	21,000	-	-
23	Total Other Sources/(Uses)	(\$369,000)	(\$254,000)	(\$472,000)
24	Cash Increase/(Decrease)	(\$196,000)	(\$115,000)	(\$71,000)

DRAFT BUDGET - JUNE 6, 2023 REVIEW

West Marin Water
Five-Year Financial Forecast
Fiscal Year 23/24

	Budget FY 23/24	<i>Forecast FY 24/25</i>	<i>Forecast FY 25/26</i>	<i>Forecast FY 26/27</i>	<i>Forecast FY 27/28</i>
1 Water Rate Increase	6.00%	6.00%	7.00%	7.00%	7.00%
Operating Revenue					
2 Water Consumption (in million gallons)	53.0	56.5	56.5	56.5	56.5
3 Water Rate Revenue Commodity	\$740,000	\$836,000	\$895,000	\$958,000	\$1,025,000
4 Water Rate Revenue Service Charge	285,000	302,000	323,000	346,000	370,000
5 Total Water Rate Revenue	\$1,025,000	\$1,138,000	\$1,218,000	\$1,304,000	\$1,395,000
6 Miscellaneous Service Charges	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000
7 Total Operating Revenue	\$1,034,000	\$1,147,000	\$1,227,000	\$1,313,000	\$1,404,000
Operating Expenditures					
8 Source of Supply	\$26,000	\$27,000	\$28,000	\$29,000	\$30,000
9 Pumping	78,000	80,000	82,000	84,000	87,000
10 Operations	88,000	91,000	94,000	97,000	100,000
11 Water Treatment	261,000	269,000	277,000	285,000	294,000
12 Transmission & Distribution	225,000	232,000	239,000	246,000	253,000
13 Consumer Accounting	31,000	32,000	33,000	34,000	35,000
14 Water Conservation	10,000	10,000	10,000	10,000	10,000
15 General Administration	158,000	123,000	127,000	131,000	135,000
16 Total Operating Expenditures	\$877,000	\$864,000	\$890,000	\$916,000	\$944,000
17 Net Operating Revenue	\$157,000	\$283,000	\$337,000	\$397,000	\$460,000
Non-Operating Revenue/(Expenditures)					
18 Interest Earnings	\$10,000	\$7,000	\$6,000	\$9,000	\$5,000
19 Miscellaneous Revenue	6,000	6,000	6,000	6,000	6,000
20 Total Non-Op Revenue/(Expenditures)	\$16,000	\$13,000	\$12,000	\$15,000	\$11,000
Other Sources/(Uses) Of Funds					
21 Total Capital Spending	(\$585,000)	(\$560,000)	(\$1,280,000)	(\$785,000)	(\$815,000)
22 Debt/Grant Funded Capital	205,000	180,000	900,000	-	-
23 Cash Funded Capital Projects	(\$380,000)	(\$380,000)	(\$380,000)	(\$785,000)	(\$815,000)
24 Debt Service	(\$186,000)	(\$186,000)	(\$186,000)	(\$186,000)	(\$186,000)
25 CIP Efficiency Adjustment	176,000	168,000	384,000	314,000	326,000
26 Facility Reserve Charges	21,000	21,000	21,000	21,000	21,000
27 Total Other Sources/(Uses)	(\$369,000)	(\$377,000)	(\$161,000)	(\$636,000)	(\$654,000)
28 Beginning Year Balance	\$678,000	\$482,000	\$401,000	\$589,000	\$365,000
29 Cash Increase/(Decrease)	(\$196,000)	(\$81,000)	\$188,000	(\$224,000)	(\$183,000)
30 Minimum Reserves	\$373,000	\$401,000	\$496,000	\$277,000	\$99,000
31 Available Cash (Unrestricted)	-	-	-	-	-
32 End of Year Cash Balance	\$482,000	\$401,000	\$589,000	\$365,000	\$182,000

Oceana Marin Sewer
Budget Summary
Fiscal Year 23/24

	Proposed Budget FY 23/24	Estimated Actual FY 22/23	Adopted Budget FY 22/23
Operating Revenue			
1 Sewer Service Charges	\$323,000	\$306,000	\$306,000
Operating Expenditures			
2 Sewage Collection	\$112,000	\$109,000	\$105,000
3 Sewage Treatment	66,000	\$64,000	45,000
4 Sewage Disposal	35,000	\$28,000	45,000
5 Consumer Accounting	2,000	\$2,000	2,000
6 General Administration	33,000	31,000	26,000
7 Total Operating Expenditures	\$248,000	\$234,000	\$223,000
8 Net Operating Revenue	\$75,000	\$72,000	\$83,000
Non-Operating Revenue/(Expenditures)			
9 Interest Earnings	\$7,000	\$11,000	\$4,000
10 Miscellaneous Revenue	-	-	63,000
11 Interest Expense	-	-	(1,000)
12 Total Non-Op Revenue/(Expenditures)	\$7,000	\$11,000	\$66,000
Other Sources/(Uses) Of Funds			
13 Capital Improvement Projects	(955,000)	(110,000)	(1,375,000)
14 Grants	600,000	12,000	960,000
15 Loan from Novato	200,000	-	-
16 Debt Principal Payments	(17,000)	-	-
17 Interest Expense	(6,000)	-	-
18 Facility Reserve Charges	-	-	30,000
19 Total Other Sources/(Uses)	(\$178,000)	(\$98,000)	(\$385,000)
20 Cash Increase/(Decrease)	(\$96,000)	(\$15,000)	(\$236,000)

DRAFT BUDGET - JUNE 6, 2023 REVIEW

Oceana Marin Sewer
Five-Year Financial Forecast
Fiscal Year 23/24

	Budget FY 23/24	Forecast FY 24/25	Forecast FY 25/26	Forecast FY 26/27	Forecast FY 27/28
1 Sewer Rate Increase	6.00%	6.00%	6.00%	6.00%	6.00%
Operating Revenue					
2 Number of Connections	235.0	236.0	236.0	236.0	237.0
3 Annual Sewer Service Charge	\$1,374	\$1,456	\$1,543	\$1,636	\$1,734
4 Operating Revenue Sewer Service Charges	\$323,000	\$344,000	\$364,000	\$386,000	\$411,000
Operating Expenditures					
5 Sewage Collection	\$112,000	\$119,000	\$126,000	\$134,000	\$142,000
6 Sewage Treatment	\$66,000	\$70,000	\$74,000	\$78,000	\$83,000
7 Sewage Disposal	\$35,000	\$37,000	\$39,000	\$41,000	\$43,000
8 Consumer Accounting	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
9 General Administration	\$33,000	\$35,000	\$37,000	\$39,000	\$41,000
10 Total Operating Expenditures	\$248,000	\$263,000	\$278,000	\$294,000	\$311,000
11 Net Operating Revenue	\$75,000	\$81,000	\$86,000	\$92,000	\$100,000
Non-Operating Revenue/(Expenditures)					
12 Interest Earnings	\$7,000	\$6,000	\$5,000	\$5,000	\$3,000
Other Sources/(Uses) Of Funds					
13 Total Capital Spending	(\$955,000)	(\$1,075,000)	(\$70,000)	(\$190,000)	(\$65,000)
14 Loan from Novato Water	200,000	250,000	-	-	-
15 Debt/Grant Funded Capital	600,000	750,000	-	-	-
16 Cash Funded Capital Projects	(\$155,000)	(\$75,000)	(\$70,000)	(\$190,000)	(\$65,000)
17 Debt Service	(23,000)	(\$53,000)	(\$53,000)	(\$53,000)	(\$53,000)
18 Facility Reserve Charges	-	30,000	-	-	30,000
19 Total Other Sources/(Uses)	(\$178,000)	(\$98,000)	(\$123,000)	(\$243,000)	(\$88,000)
20 Beginning Cash Reserve Balance	\$470,000	\$374,000	\$363,000	\$331,000	\$185,000
21 Cash Increase/(Decrease)	(\$96,000)	(\$11,000)	(\$32,000)	(\$146,000)	\$15,000
22 Ending Cash Reserve Balance	\$374,000	\$363,000	\$331,000	\$185,000	\$200,000

North Marin Water District
Capital Improvement Projects (CIP)
Fiscal Year 23/24 Budget & FY 24/25-FY 27/28 Forecast

ID	Project	Budget FY 23/24	Forecast FY 24/25	Forecast FY 25/26	Forecast FY 26/27	Forecast FY 27/28
1. PIPELINES						
1a Pipeline Improvements						
1	Novato Blvd. Widening - Diablo to Grant (4,100 LF)	\$ 80,000	\$ 1,000,000	\$ 1,500,000	\$ -	\$ -
2	Connect Dead-ends at George St. w/ 8" (290 LF)	225,000	-	-	-	-
3	San Mateo Tank 24" Transmission Main	25,000	25,000	25,000	1,000,000	-
4	30-inch Main at Rush Creek/Golden Gate Place	-	-	-	-	300,000
5	Loop Zone 2 at Hill Road w/ 8" (2,500 LF)	-	-	-	-	50,000
6	Loop Southern & Northern Zone 2 at IVC w/ 16" (5,280 LF)	-	-	-	-	200,000
1b Pipeline Replacements						
1	Replace 8" Pipe - Railroad Ave. (500 LF)	\$ 350,000	\$ -	\$ -	\$ -	\$ -
2	Replace 12" Pipe - Olive Avenue (1,000 LF)	-	-	-	500,000	-
3	Relocate 8" Pipe - County Club Dr. (1,700 LF)	-	-	-	-	50,000
4	Upsize 8" Pipe - Arthur Ave. (btwn Cambridge/NHS)	-	-	-	-	340,000
5	Upsize to 8" Pipe - E. Black Point Subzone (3,580 LF)	-	-	-	-	100,000
1c Aqueduct Improvements						
1	North Marin Aqueduct Restoration near Olompali Slide	\$ 50,000	\$ -	\$ -	\$ -	\$ -
2	Interconnection Modifications (w/ MMWD)	100,000	-	-	-	-
1d Other Pipeline Projects						
1	Sync w/ City or County Paving	\$ 10,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
2	Replace Galvanized Steel Pipe (200 LF/yr)	25,000	25,000	25,000	25,000	-
3	Polybutylene (PB) Service Line Replacements	25,000	50,000	50,000	50,000	50,000
4	Replace Plastic Thin Walled Pipe (< 4-inch)	50,000	150,000	150,000	150,000	150,000
5	Other Main Replacements (60+ years old)	100,000	200,000	200,000	200,000	200,000
Subtotal Pipelines		\$ 1,040,000	\$ 1,525,000	\$ 2,025,000	\$ 2,000,000	\$ 1,515,000
2. STORAGE TANKS & PUMP STATIONS						
2a Tank Rehabilitation / Replacement						
1	Tank Replacement - Old Ranch Rd	\$ 15,000	\$ -	\$ -	\$ -	\$ -
2	Recoating - Garner Tank	25,000	250,000	250,000	-	-
3	Seismic Upgrade / Coating - Lynwood Tanks (x2)	25,000	500,000	500,000	-	-
4	New Property Site Acquisition - Half Moon Tank	-	-	-	200,000	-
5	Fire Flow Backfeed Valve - Nunes Tank	-	-	-	-	200,000
2b Pump Station Rehabilitation / Replacement						
1	Lynwood PS Replacement*	\$ 300,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -
2	Crest PS Construction (Reloc. School Rd. PS)	1,500,000	-	-	-	-
3	Cherry Hill PS Retaining Wall	200,000	-	-	-	-
4	Davies PS Upgrade	-	-	-	50,000	250,000
2c Hydropneumatic Systems						
1	Hydropneumatic upgrades, Phase 1 (Bahia)	\$ 850,000	\$ -	\$ -	\$ -	\$ -
2	Hydropneumatic upgrades, Phase 2 (Hayden)	-	-	75,000	850,000	-
3	Hydropneumatic upgrades, Phase 3 (Eagle)	-	-	-	-	75,000
2d Other Tank & Pump Station Improvements						
1	Other Tank & PS Improvements	\$ 25,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
2	Other Tank Recoating	25,000	50,000	50,000	100,000	100,000
3	Other Tank Replacement	-	-	-	-	200,000
4	Other Tank Seismic Upgrade	-	-	-	-	500,000
5	Mobile Pump Station for Tank Cleaning	20,000	-	-	-	-
Subtotal Storage Tanks & Pump Stations		\$ 2,985,000	\$ 1,875,000	\$ 1,950,000	\$ 1,275,000	\$ 1,400,000

North Marin Water District
Capital Improvement Projects (CIP)
Fiscal Year 23/24 Budget & FY 24/25-FY 27/28 Forecast

ID	Project	Budget FY 23/24	Forecast FY 24/25	Forecast FY 25/26	Forecast FY 26/27	Forecast FY 27/28
3. STAFFORD IMPROVEMENTS						
3a Stafford Treatment Plant (STP)						
1	Replace Supernatant Line to Center Rd. (4" - 4,400LF)	\$ 625,000	\$ 375,000	\$ -	\$ -	\$ -
2	STP Efficiency Improvements	50,000	50,000	-	-	-
3	STP Chemical System Upgrade	50,000	-	-	-	-
4	STP Corrosion Improvements - Primary Filter Recoat (x3)	400,000	-	-	-	-
5	Other STP Improvements	100,000	50,000	100,000	100,000	100,000
6	Water Supply Enhancement - STP Modifications	-	-	-	-	350,000
3b Stafford Dam / Watershed						
1	Water Supply Enhancement - Spillway ASG	\$ 150,000	\$ 150,000	\$ 800,000	\$ 400,000	\$ -
2	Dam Spillway Concrete Repair	100,000	-	-	100,000	-
3	Access Road Slide Repair	50,000	-	-	-	-
4	Dam Upstream Concrete Apron Repair	-	250,000	-	-	-
5	Leveroni Creek Embankment Repair	-	175,000	-	-	-
6	Raw Water Intake Modifications	-	-	-	100,000	200,000
Subtotal Stafford Improvements		\$ 1,525,000	\$ 1,050,000	\$ 900,000	\$ 700,000	\$ 650,000
4. MISCELLANEOUS IMPROVEMENTS (NOVATO)						
4a District Offices						
1	NMWD Headquarters Upgrade	\$ 8,000,000	\$ -	\$ -	\$ -	\$ -
2	Construction Building Upgrade	150,000	-	-	500,000	500,000
3	Program Assessment for Yard Site Improvements	75,000	300,000	-	-	-
4	Asphalt Repairs at District Facilities	-	65,000	-	-	-
4b System Pressure / Valving						
4c Other Miscellaneous Improvements						
1	Backflow Protection - DCDA Repair / Replace (Annual)	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
2	Cathodic Protection - Anode Installation (Annual)	10,000	10,000	10,000	10,000	10,000
3	Other System Improvements	100,000	100,000	200,000	200,000	200,000
Subtotal Miscellaneous Improvements (Novato)		\$ 8,385,000	\$ 575,000	\$ 310,000	\$ 810,000	\$ 810,000
5. RECYCLED WATER SYSTEM (NOVATO)						
5a RW Pipelines						
1	RW extension from Redwood Blvd to 999 Rush Creek	\$ 300,000	\$ -	\$ -	\$ -	\$ -
2	Hamilton Veteran's Housing (Homeward Bound)	300,000	-	-	-	-
3	Replace CI in Atherton Ave. (1,320 LF)	-	350,000	-	-	-
5b RW Tanks & Pump Stations						
1	Leak Repair - Reservoir Hill Tank	\$ 100,000	\$ -	\$ -	\$ -	\$ -
5c Other RW Improvements						
1	Other Recycled Water Improvements	\$ 50,000	\$ -	\$ 150,000	\$ 150,000	\$ 150,000
2	RW Central Area ROW/Easements	90,000	-	-	-	-
TOTAL RECYLED WATER		\$ 840,000	\$ 350,000	\$ 150,000	\$ 150,000	\$ 150,000
6. WEST MARIN WATER SYSTEM						
6a WM Pipelines						
1	Lagunitas Creek Bridge Pipe Replacement (Caltrans)	\$ 50,000	\$ 240,000	\$ 1,200,000	\$ -	\$ -
2	Replace 2-inch Galvanized Pipe - Balboa+	125,000	-	-	-	-
3	Replace 2-inch Galvanized Pipe - PRE	-	45,000	-	-	-
4	Olema Creek Bridge Pipe Replacement (County)	-	-	-	-	200,000
6b WM Tanks & Pump Stations						
1	Tank Replacement - PRE #1 & #2	\$ -	\$ -	\$ -	\$ 620,000	\$ -
2	Tank Replacement - Pt. Reyes #1	-	-	-	-	450,000

North Marin Water District
Capital Improvement Projects (CIP)
Fiscal Year 23/24 Budget & FY 24/25-FY 27/28 Forecast

ID	Project	Budget FY 23/24	Forecast FY 24/25	Forecast FY 25/26	Forecast FY 26/27	Forecast FY 27/28
6c	WM Wells					
1	Rehab Well - Gallagher Well No. 1	\$ 85,000	\$ -	\$ -	\$ -	\$ -
2	New Well - Gallagher Well No. 2 - DWR Grant Admin	10,000	5,000	-	-	-
3	New Well - Gallagher Well No. 2 - Construction	165,000	-	-	-	-
6d	WM Treatment Plant					
6e	WM Other Improvements					
1	Sync w/ County Paving	\$ 20,000	\$ 40,000	\$ 20,000	\$ 40,000	\$ 40,000
2	Polybutylene (PB) Service Line Replacments	25,000	25,000	5,000	25,000	25,000
3	Gallagher Ranch Streambank Stabilization	5,000	5,000	5,000	-	-
4	Other Water System Improvements	100,000	200,000	50,000	100,000	100,000
TOTAL WEST MARIN		\$ 585,000	\$ 560,000	\$ 1,280,000	\$ 785,000	\$ 815,000

7. OCEANA MARIN SEWER SYSTEM

7a	OM Pipelines					
1	Sewer Force Main Improvements - FM 1A (Design Only)	\$ 80,000	\$ -	\$ -	\$ -	\$ -
2	Sewer Force Main Improvements - FM 1B (Design Only)	-	-	-	125,000.00	-
7b	OM Lift Station					
7c	OM Treatment Ponds					
1	OM Treatment Pond Rehab - 404 Grant - FEMA	\$ 800,000	\$ 1,000,000	\$ -	\$ -	\$ -
2	OM Treatment Pond Rehab - Grant Management	10,000	10,000	5,000	-	-
7d	OM Other Improvements					
1	Infiltration Repair (Annual)	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
2	Other Sewer System Improvements	25,000	25,000	25,000	25,000	25,000
TOTAL OCEANA MARIN		\$ 955,000	\$ 1,075,000	\$ 70,000	\$ 190,000	\$ 65,000

SUMMARY - GROSS PROJECT OUTLAY

1 - 4	Novato Water	\$ 13,935,000	\$ 5,025,000	\$ 5,185,000	\$ 4,785,000	\$ 4,375,000
5	Recycled Water	840,000	350,000	150,000	150,000	150,000
6	West Marin Water	585,000	560,000	1,280,000	785,000	815,000
7	Oceana Marin Sewer	955,000	1,075,000	70,000	190,000	65,000
GROSS PROJECT OUTLAY		\$ 16,315,000	\$ 7,010,000	\$ 6,685,000	\$ 5,910,000	\$ 5,405,000

LESS FUNDED BY LOANS/GRANTS/OTHER

a	NW - Loan Funds - Office/Yard Building Renovation	\$ 8,000,000	\$ -	\$ -	\$ -	\$ -
b	NW - Loan Funds - Crest PS Construction	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -
c	NW - Loan Funds - Lynwood PS Replacement	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -
d	NW - Loan Funds - Stafford ASG Construction	\$ -	\$ -	\$ 666,000	\$ -	\$ -
e	RW - Capital Replacement Expansion Fund	\$ 750,000	\$ 350,000	\$ 150,000	\$ 150,000	\$ 150,000
f	WM - CA DWR Drought Relief Grant for GW02	\$ 165,000	\$ -	\$ -	\$ -	\$ -
g	WM - Lagunitas Creek Bridge Pipeline Grant (FEMA)	\$ 40,000	\$ 180,000	\$ 900,000	\$ -	\$ -
h	OM - Novato Water Loan to OM	\$ 200,000	\$ 250,000	\$ -	\$ -	\$ -
i	OM - Treatment Pond Rehab Grant (FEMA)	\$ 600,000	\$ 750,000	\$ -	\$ -	\$ -

SUMMARY - NET PROJECT OUTLAY

1 - 4	Novato Water	\$ 4,435,000	\$ 4,025,000	\$ 4,519,000	\$ 4,785,000	\$ 4,375,000
5	Recycled Water	90,000	-	-	-	-
6	West Marin Water	380,000	380,000	380,000	785,000	815,000
7	Oceana Marin Sewer	155,000	75,000	70,000	190,000	65,000
NET PROJECT OUTLAY		\$ 5,060,000	\$ 4,480,000	\$ 4,969,000	\$ 5,760,000	\$ 5,255,000

North Marin Water District
Capital Improvement Projects (CIP)
Fiscal Year 23/24 Budget & FY 24/25-FY 27/28 Forecast

ID	Project	Budget FY 23/24	Forecast FY 24/25	Forecast FY 25/26	Forecast FY 26/27	Forecast FY 27/28
8. EQUIPMENT BUDGET						
1	Class 8 Service Truck	\$ 340,000	\$ 290,000	\$ -	\$ -	\$ -
2	4,000 Tanker Truck	50,000	-	-	-	-
3	Lease Vehicles	148,000	185,000	228,000	228,000	228,000
4	Portable Generators	-	75,000	125,000	-	-
5	Miscellaneous Equipment Purchases	-	-	197,000	322,000	322,000
TOTAL EQUIPMENT BUDGET		\$ 538,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000
9. STUDIES & SPECIAL PROJECTS						
9a General Studies						
1	Grant Consultant	\$ 25,000	\$ -	\$ -	\$ -	\$ -
2	GIS Conversion to Esri/ArcGIS	\$ 25,000	\$ -	\$ -	\$ -	\$ -
3	Water Conservation Standards Assessment	\$ 25,000	\$ -	\$ -	\$ -	\$ -
4	Strategic Plan Update (2025-2029)	\$ -	\$ 50,000	\$ -	\$ -	\$ -
9b Novato Service Area Studies						
1	Novato Water Rate Study	\$ 60,000	\$ -	\$ -	\$ -	\$ -
2	Novato Water Master Plan Update	\$ 100,000	\$ -	\$ -	\$ -	\$ -
3	North Marin Aqueduct Vulnerability/Cathodic Assessment	\$ 90,000	\$ -	\$ -	\$ -	\$ -
4	Stafford Treatment Plant Risk Management Plan Update	\$ 60,000	\$ 60,000	\$ -	\$ -	\$ -
5	Novato Distribution System Vulnerability Assessment	\$ -	\$ 125,000	\$ -	\$ -	\$ -
6	Stafford Dam Master Plan	\$ -	\$ 35,000	\$ -	\$ -	\$ -
9c WM Service Area Studies						
1	West Marin Water Supply Resiliency Feasibility Study	\$ 75,000	\$ -	\$ -	\$ -	\$ -
2	West marin Water Master Plan (every 10 years)	\$ -	\$ 65,000	\$ -	\$ -	\$ -
9d OM Service Area Studies						
9e Other Studies						
Total Studies & Special Projects		\$ 460,000	\$ 335,000	\$ -	\$ -	\$ -



**NORTH MARIN
WATER DISTRICT**

Fiscal Year 23/24 – Budget Review
June 6, 2023

Contents

1. Key Assumptions
2. Consolidated Budget
3. Capital Improvement Projects
4. Studies & Special Projects
5. Outstanding Debt
6. Budget Summary



Key Assumptions

1. Water Consumption -

Novato Water	2.1 Billion Gallons
Recycled Water	235 Million Gallons
West Marin Water	63 Million Gallons
2. Rate Increases – Novato Water 9.5%, Recycled Water 5.3%, West Marin Water 6% & Oceana Marin 6%
3. Stafford Treatment Plant Water Production 650 Million Gallons
4. Sonoma County Water Agency – 12.51% increase cost to purchase water
5. Personnel Costs –
 - Increase in Full Time Equivalent (FTE) Employees – three new employees (Admin, Ops, & Construction)
 - Increase in Workers Comp Insurance approximately 11%
 - Increase in Health Insurance costs approximately 6%
 - Increase in CalPERS Pension Costs approximately 7%

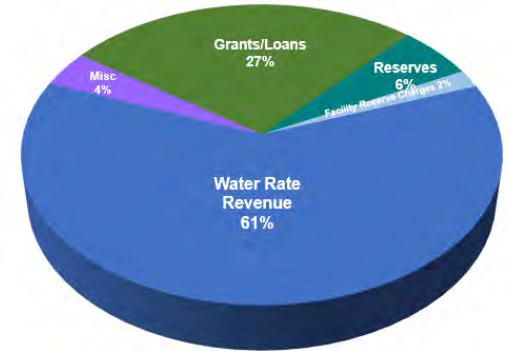


Fiscal Year 23/24

All Service Areas Combined

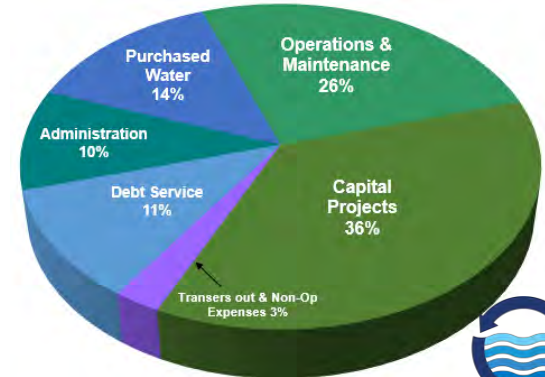
SOURCES – \$41,762,000

Budget Sources-Revenue & Reserves:	Novato Water	Recycled Water	West Marin Water	Oceana Marin Sewer	Consolidated
Water Rate Revenue	\$ 22,771,000	\$ 1,870,000	\$ 1,025,000	\$ -	\$ 25,666,000
Sewer Service Charges	-	-	-	323,000	323,000
Wheeling & Miscellaneous Charges	447,000	20,000	9,000	-	476,000
Total Operating Income	\$ 23,218,000	\$ 1,890,000	\$ 1,034,000	\$ 323,000	\$ 26,465,000
Loans/Grants/Capital Contributions	\$ 9,500,000	\$ 750,000	\$ 205,000	\$ 800,000	\$ 11,255,000
Facility Reserve Charges	793,000	-	21,000	-	814,000
Interest/Miscellaneous Revenue	630,000	138,000	10,000	7,000	785,000
Property Tax & Miscellaneous Revenue	242,000	-	6,000	-	248,000
Reserves - Cash (Increase)/Decrease	2,152,000	(249,000)	196,000	96,000	2,195,000
Total Revenue & Reserves	\$ 36,535,000	\$ 2,529,000	\$ 1,472,000	\$ 1,226,000	\$ 41,762,000



USES – \$41,762,000

Budget Uses/Expenditures:	Novato Water	Recycled Water	West Marin Water	Oceana Marin Sewer	Consolidated
Capital Improvement Projects & Equipment	\$ (14,473,000)	\$ (840,000)	\$ (585,000)	\$ (955,000)	\$ (16,853,000)
CIP Efficiency Adjustment	\$ 1,492,000	\$ 176,000			\$ 1,668,000
Operating Expenditures	(19,032,000)	(707,000)	(877,000)	(248,000)	(20,864,000)
Debt Service	(3,253,000)	(1,164,000)	(186,000)	(23,000)	(4,626,000)
Non-Operating Revenue/(Expense)	(519,000)	(568,000)	-	-	(1,087,000)
Total Budget Expenditures	\$ (35,785,000)	\$ (3,103,000)	\$ (1,648,000)	\$ (1,226,000)	\$ (41,762,000)



Capital Improvement Projects

Project	FY23/24	FY24/25	FY25/26 thru FY 27/28	Total Project Costs
Administration and Laboratory Upgrade Project	\$ 8,000,000	\$ -	\$ -	\$ 16,740,000
Novato Blvd Widening – Diablo to Grant (4,100')	80,000	1,000,000	1,500,000	2,595,000
Lynwood Pump Station Replacement	300,000	1,000,000	1,000,000	2,440,000
Oceana Marin Treatment Pond Rehab (OM)	800,000	1,000,000	-	1,815,000
Lagunitas Creek Bridge Pipe Replacement (Caltrans)	50,000	240,000	1,200,000	1,580,000
Crest PS Construction (Reloc. School Rd. PS)	1,500,000	-	-	1,560,000
Water Supply Enhancement - Spillway ASG	150,000	150,000	1,200,000	1,550,000
San Mateo Tank 24" Transmission Main	25,000	25,000	1,025,000	1,085,000
Seismic Upgrade / Coating - Lynwood Tanks (x2)	25,000	500,000	500,000	1,025,000
Replace Supernatant Line to Center Rd. (4"-4,400LF)	625,000	375,000	-	1,025,000
Hydropneumatic Upgrades, Phase 1 (Bahia)	850,000	-	-	925,000
Hydropneumatic Upgrades, Phase 2 (Hayden)	-	-	925,000	925,000
PRE Tank #1 & #2 Replacement (WM)	-	-	620,000	620,000
Other Projects	3,910,000	2,720,000	10,030,000	
Gross Project Outlay	16,315,000	7,010,000	18,000,000	33,885,000
Less Loan/Grant Funding	(11,255,000)	(2,530,000)	(2,016,000)	(15,801,000)
Net Project Outlay (internally funded)	\$5,060,000	\$4,480,000	\$15,984,000	\$18,084,000



Studies & Special Projects

<i>Studies & Special Projects:</i>	Total
Novato Water Master Plan Update	\$ 100,000
North Marin Aqueduct Vulnerability/Cathodic Assessment	90,000
West Marin Water Supply Resiliency Feasibility Study	75,000
Stafford Treatment Plan Risk Management Plan Update	60,000
Novato Water Rate Study	60,000
Grant Consultant	25,000
GIS Conversion to Esri/ArcGIS	25,000
Water Conservation Standards Assessment	25,000
<i>Total Studies & Special Projects</i>	\$ 460,000

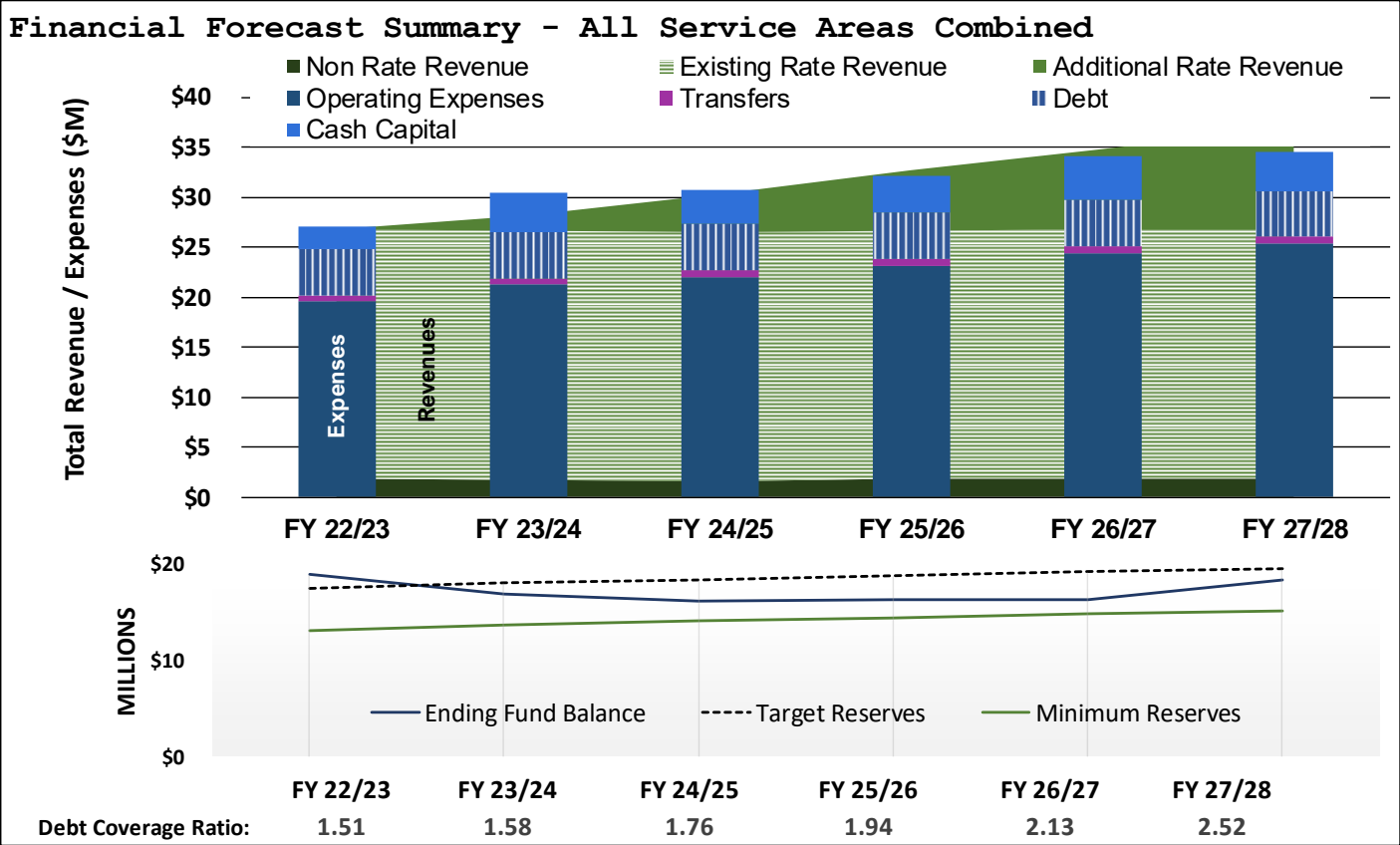


Outstanding Debt – As of June 30, 2024

<i>Financing Purpose</i>	<i>Type/Source</i>	Interest Rate	Final Payment	Balance as of June 30, 2024
Stafford Water Treatment Plant Rehab	State Revolving Fund (SRF)	2.39%	July 2029	\$ 4,900,000
Aqueduct Energy Efficiency Project & WM Treatment Plant	Bank Of Marin	3.54%	October 2031	3,500,000
Advanced Meter Information (AMI) Project	Chase Bank	2.69%	March 2033	3,300,000
Deer Island Treatment Plant	State Revolving Fund (SRF)	2.40%	June 2027	800,000
Recycled Water (RW) North	State Revolving Fund (SRF)	2.60%	June 2034	2,100,000
Recycled Water (RW) South	State Revolving Fund (SRF)	2.20%	June 2034	2,600,000
Recycled Water (RW) Central	State Revolving Fund (SRF)	1.00%	December 2047	5,900,000
Administration & Laboratory Upgrade Project	Webster Bank	3.11%	March 2042	18,400,000
Total Debt				\$41,500,000



Financial Forecast FY 23/24 through FY 27/28



Budget Review & Rate Hearing Schedule

- | | |
|--|----------------|
| 1. Financial Plan Update (Review - Complete) | April 4, 2023 |
| 2. Prop 218 Notices Review and Approval (Approve – Complete) | April 18, 2023 |
| 3. Capital Improvement Projects Review (Review - Complete) | May 2, 2023 |
| 4. Operations & Maintenance and Capital Budget (Review) | June 6, 2023 |
| 5. Operations & Maintenance and Capital Budget (Approve) | June 20, 2023 |
| 6. Public Hearing to Enact New Water & Sewer Rates (Approve) | June 20, 2023 |





NORTH MARIN
WATER DISTRICT

Questions?

8



Agenda

Water Forum Planning Group Kick-off Meeting

Wednesday, May 17, 2023

10:00 AM – 3:00 PM

Ukiah Valley Conference Center, Room Cabernet 1

200 S School St, Ukiah, CA 95482

(Virtual participation also provided)

Registration [link](#)

Meeting Objectives:

- Provide overview of Planning Group purpose and charter; confirm common understanding and commitment to charter guidelines and principles.
- Discuss Planning Group members' interests concerning Potter Valley Project decommissioning process.
- Provide overview of role and focus areas of Steering Committee and Working Groups and discuss membership.
- Provide opportunity for public comment.

Time	Topic	Presenter
10:00 am	Opening Remarks	<ul style="list-style-type: none"> • Sonoma County Sup. James Gore • Mendocino County Sup. Maureen Mulheren
10:10 am	Welcome, Introductions, and Agenda Review	<ul style="list-style-type: none"> • Ben Gettleman, Kearns & West
10:30 am	Planning Group Purpose and Charter	<ul style="list-style-type: none"> • Ben Gettleman, Kearns & West • Jim Downing, Kearns & West
11:15 am	Planning Group Member Interests and Priorities	<ul style="list-style-type: none"> • Planning Group members
12:30 pm	Lunch	

Time	Topic	Presenter
1:00 pm	Presentation on Potter Valley Project, PG&E Decommissioning Process, and Two-Basin Efforts to Date	<ul style="list-style-type: none"> • Jim Downing, Kearns & West
1:40 pm	Overview of Working Groups and Future Discussion Topics <ul style="list-style-type: none"> • Water Supply • Fisheries • Economics and Financing • Governance • Water Rights 	<ul style="list-style-type: none"> • Jim Downing, Kearns & West
2:10 pm	Working Group and Steering Committee Membership	<ul style="list-style-type: none"> • Ben Gettleman, Kearns & West • All
2:25 pm	Next Steps and Future Meetings <ul style="list-style-type: none"> • Technical Briefings • Future Planning Group Meetings 	<ul style="list-style-type: none"> • Jim Downing, Kearns & West
2:30 pm	Public Comment	<ul style="list-style-type: none"> • Members of public
3:00 pm	Adjourn	

9

North Bay Watershed Association

Board Meeting - Agenda

June 2, 2023 | 9:30 – 11:30 a.m.

**MEETING WILL BE HELD AT THE
Boro Community Center**

50 Canal Street, San Rafael, CA 94901

For those wishing to attend virtually

Join Zoom Meeting:

<https://us02web.zoom.us/j/81630673971?pwd=dm94TXJCRWMyWFBLc3U5V2pTSmNRZz09>

Webinar ID: 816 3067 3971 Password: 216460

Agenda and materials will be available the day of the meeting at: www.nbwatershed.org

AGENDA

Time	Agenda Item	Proposed Action
9:30	<p>Welcome and Call to Order – Roll Call and Introductions <i>Jean Mariani, Chair</i></p>	N/A
9:35	<p>General Public Comments This time is reserved for the public to address the Committee about matters NOT on the agenda and within the jurisdiction of the Committee.</p>	N/A
9:40	<p>Agenda and Past Meeting Minutes Review <i>Jean Mariani, Chair</i></p> <p>Treasurer’s Reports <i>Jean Mariani, Chair</i></p>	Approve/ Review
9:45	<p>Guest Presentation: Delta Wetland Futures: Marsh Resilience and Blue Carbon in the Sacramento-San Joaquin Delta <i>April Robinson and Lydia Smith Vaughn, San Francisco Estuary Institute</i></p> <p>April and Lydia will share findings of two paired studies assessing how wetlands in the Delta can mitigate subsidence, sequester carbon, reduce GHG emissions, and provide resilient habitat for wetland dependent species.</p>	Presentation slides

10:30	<p>Executive Director Report <i>Andy Rodgers, Executive Director</i></p> <p>Andy will provide updates on activities since the May 5 Board meeting, including active and developing projects, recent meetings, regional programs and initiatives, communications, and committees.</p> <p>Andy will outline ideas for next and future Board meeting topics and solicit feedback.</p>	<p><i>ED updates, Board questions, and input</i></p>
10:55	<p>Board Information Exchange and Drought Updates <i>Members</i></p> <p>Members will highlight issues and share items of interest.</p>	<p><i>N/A</i></p>
11:00	<p>Guest Presentation: Sea Level Rise Challenges in San Rafael <i>Kate Hagemann, Climate Adaptation and Resilience Planner, City of San Rafael</i></p> <p>San Rafael is the most vulnerable community in the Bay area to short-term sea level rise. This presentation from the City of San Rafael and the Multicultural Center of Marin will provide an overview of an on-going sea level rise planning project in San Rafael and some of the challenges and aspirations for climate adaptation planning.</p>	<p><i>Presentation slides</i></p>
11:30	<p>Walking Tour—Shoreline Improvements and Nature-Based Adaptation</p> <p>Following the meeting we will head out to the shoreline for a short walking tour of the shoreline. We’ll see a planned nature-based adaptation project at Tiscornia Marsh and discuss some other opportunities for adaptation measures. We’ll also discuss the compounding hazards of subsidence, groundwater rise, and increasing flooding risks.</p> <p>(Please wear walking shoes. Tour will not be virtual)</p>	
11:30	<p>Announcements/Adjourn Next Board Meeting: July 7th</p>	<p><i>N/A</i></p>

10

DISBURSEMENTS - DATED MAY 18, 2023

Date Prepared 5/15/23


The following demands made against the District are listed for approval and authorization for payment in accordance with Section 31302 of the California Water Code, being a part of the California Water District Law:

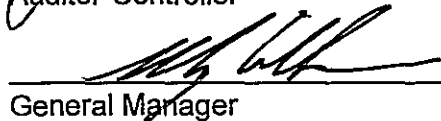
Seq	Payable To	For	Amount
90588*	State of California	State Unemployment Insurance Claims for Period Ending 3/31/23	\$1,200.08
1	Able Tire & Brake	Tires (9) ('21 Nissan Frontier, '16 Nissan Frontier & '12 In'tl) (\$2,956) & Alignment ('15 F250)	3,120.31
2	Arendell, Tony	Retiree Exp Reimb (May Health Ins)	1,234.14
3	Athens Administrators	April Indemnity Review Fee	105.00
4	Backflow Distributors.	Replacement Double Check Assemblies for Cross Connection Control Program 8)	2,415.75
5	Buck's Saw Service	Trimmer Line (450')	43.39
6	Castellucci, Peter	Exp Reimb: Safety Boots	200.00
7	Chandrasekera, Carmela	Retiree Exp Reimb (May Health Ins)	1,234.14
8	Chlorine Specialties, Inc.	Sales Tax for Gasket Set	61.96
9	Cilia, Joseph	Retiree Exp Reimb (May Health Ins)	457.46
10	Comcast	May Internet (1250 Lynwood Drive & Wood Hollow)	566.10
11	Comcast	May Phone Services (Wood Hollow, Buck Inst., Yard & STP)	1,486.11
12	Core & Main	Blind Flange (Recycled Water)	320.08
13		Vision Reimbursement	69.99
14	Diesel Direct West	Gasoline (1,310 gal)	5,786.55
15	DRS Marine Inc.	Perform Inspection of Aqueduct w/Remotely Operated Vehicle	8,232.00
16	Durkin Signs & Graphics	Door Logos for Fleet (20)	1,293.32

Seq	Payable To	For	Amount
17	Enterprise FM Trust	Monthly Leases for Nissan Rogue (2), Nissan Frontier (2), F-150's (7), F-250's (2), Ford Rangers (5), Chevy Bolts (2) & Chevy Colorado	11,037.57
18	Fiserv/Bastogne Inc.	Return Payment-Not Our Account	130.00
19	Fisher Scientific	Plastic Syringe & Tip Rack (Lab)	239.36
20	Frontier Communications	Leased Lines	1,658.07
21	Frontier Communications	May Internet (STP)	640.00
22	Grainger	Miscellaneous Maintenance Tools & Supplies	645.34
23	HERC Rentals Inc.	4,000 Gal Water Truck Rental (3/27-4/24/23)	5,596.25
24	InfoSend, Inc.	April Processing Fee for Water Bills (\$1,273), Postage (\$3,906) & Monthly Support Fee	6,066.51
25	Kehoe, Theresa	Retiree Exp Reimb (May Health Ins)	1,234.14
26	Kehoe, Chris	Exp Reimb: Food for Dept Meeting	36.78
27	Kemira Water Solutions	Ferric Chloride (9 Dry Tons)	12,625.42
28	Latanyshyn, Roman	Retiree Exp Reimb (May Health Ins)	457.46
29	Lemos, Kerry	Retiree Exp Reimb (May Health Ins)	1,234.14
30	Manzoni, Alicia	Retiree Exp Reimb (May Health Ins)	457.46
31	Metrohm USA, Inc.	Annual Supplies for Ion Chromatography System (Lab)	919.83
32	Nave Motors	Parts & Labor to Repair Air Conditioning ('12 F250)	2,712.85
33	ODP Business Solutions, LLC	Office Chairs (3) (Warehouse, Const & Maint)	1,173.55
34	O'Reilly Auto Parts	Wiper Fluid (12), Anti-freeze (12 gal), Wheel Cleaner & Degreaser	448.46
35	Pace Supply	Couplings (8), Gate Valves (6) & Bushings (4)	528.91
36	Parkinson Accounting Systems	Sage Upgrade v2022 & Inventory Tracking Software (Mini-MAS) Annual Maintenance	6,241.25
37	Peterson Trucks	Starter Motor Kit (Vac Excavator)	616.95

Seq	Payable To	For	Amount
38	Pacific Gas & Electric Co	Power: Blgs/Yard (\$2,421), Other (\$222), Pumping (\$32,955), Rect/Controls (\$840) & TP (\$121)	36,559.27
39	Pini Hardware	Miscellaneous Maintenance Tools & Supplies	242.02
40	Pollard Water	Meter Wrench (Const)	281.77
41	Roy's Sewer Service	Pump & Clean Out Septic Tank (25 Giacomini Rd)	850.00
42	Rupp, Steve	Retiree Exp Reimb (May Health Ins)	457.46
43	Solenis, LLC	Praestol 2515 (2,000 lbs) (\$5,080) & K279 (4,580 lbs) (\$11,155) (STP)	16,235.14
44	USA BlueBook	Dry Gauges (2)	566.81
45	US Bank	April Safekeeping Treasury Securities	189.75
46	US Postal Service	Meter Postage	1,500.00
47	VWR International LLC	Phosphorus Buffer & Membrane Filter for Coliform Test (Lab)	534.64
48	West, Kevin	Novato "Cash for Grass" Rebate Program	800.00
		TOTAL DISBURSEMENTS	<u>\$140,743.54</u>

The foregoing payroll and accounts payable vouchers totaling \$140,743.54 are hereby approved and authorized for payment.


05/15/23
 Auditor-Controller Date


5/16/23
 General Manager Date

DISBURSEMENTS - DATED MAY 25, 2023

Date Prepared 5/22/23

The following demands made against the District are listed for approval and authorization for payment in accordance with Section 31302 of the California Water Code, being a part of the California Water District Law:

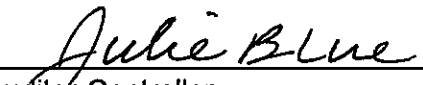
Seq	Payable To	For	Amount
P/R*	Employees	Net Payroll PPE 5/15/23	\$169,755.47
90589*	Internal Revenue Service	Federal & FICA Taxes PPE 5/15/23	74,340.78
90590*	State of California	State Taxes & SDI PPE 5/15/23	15,804.81
90591*	CalPERS	Pension Contribution PPE 5/15/23	44,392.90
EFT*	US Bank	April Bank Analysis Charge (Lockbox \$912 & Other \$416 Less Interest \$83)	1,245.41
1	Accurate Forklift	Replacement Forklift for STP	42,857.50
2	Aftertec Inc.	Aerial Photography (Admin Bldg/Lab Upgrade)	259.00
3	Alpha Analytical Labs	Lab Testing (Novato & West Marin)	1,920.00
4	Amazon/Genuine-Hardware	Office/Computer Supplies, Light Bar Cab Mount, Hand Lotion (10-16oz Bottles), Window Film w/Tint (Warehouse), Propane Tank for Forklift (STP), Outdoor Pole/Wall Mount Antenna, Service Awards (2) (Nommsen & Roberto), Tubing Cutter & Clamps (3) & Reissue April Amazon Payment - New Vendor (\$1,141)	3,101.29
5	American Family Life Ins	May 2023 Employee Paid Benefit	3,591.50
6	AT&T	Leased Lines	62.86
7	Bank of Marin	Bank of Marin Loan Principal & Interest (Pymt 139 of 240)	46,066.67
8	California Water Service	Water Service (O.M.)	32.06
9	Charles Custom Welding	Welding Services (Maintenance of Mains)	740.00
10	Comcast	May Internet Services (Buck Institute)	356.55
11	Crane Tech Inc	Parts & Repair on Crane	4,771.22

Seq	Payable To	For	Amount
12	D.L. Falk Construction, Inc.	Prog Pymt#10: Perform NMWD Admin & Lab Building Upgrades (Balance Remaining on Contract \$6,858,380)	878,210.53
13	D.L. Falk Construction Escrow Acct	5% Retainer: DL Falk Construction-CA Bank of Commerce-Admin Bldg & Lab Upgrade	46,221.62
14	Fiserv/Bastogne Inc.	Return Payment-Not Our Account	787.25
15	Fishman Supply Co	Safety Supplies (Construction)	423.80
16	Fisher Scientific	Chlorine Test (Lab)	289.72
17	Freeman, Deborah	Novato "Cash for Grass" Rebate Program	800.00
18	GHD Inc.	Prog Pymt#1: NMWD GIS Conversion to ESRI & Mapping Support (\$685) (Balance Remaining on Contract \$31,230) & Prog Pymt#30: Oceana Marin Treatment & Storage Pond Repair Project (\$1,625) (Balance Remaining on Contract \$4,545)	2,309.96
19	Grainger	Chlorine Reagents (1,000) (STP) & Miscellaneous Maintenance Tools & Supplies	683.29
20	Greenwell, Patricia	Novato "Washer Rebate" Program	100.00
21	Hagan, Sue	Novato "Smart Irrigation Controller" & "Water Smart Landscaping Efficiency" Rebate Programs	333.00
22	Hale, Michael	Novato "Washer Rebate" Program	100.00
23	HMS Software	TimeControl - Timesheet Annual Renewal	6,825.00
24	KB Home North Bay	Refund Excess Advance Over Actual Construction Job Costs-Atherton Place	98,859.51
25	Koff & Associates Inc. - A Gallagher Company	Prog Pymt#1: Compensation Survey (Balance Remaining on Contract \$48,607)	918.75
26	Kressenberg, Margaret	Refund Overpayment on Closed Account	7,369.00
27	Lester, Thomas	Novato "Cash for Grass" Rebate Program	800.00
28	Lincoln Life Employer Serv	Deferred Compensation PPE 5/15/23	11,807.93
29	Marin County Ford	Service Parts ('19 F150)	193.36

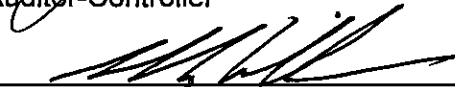
Seq	Payable To	For	Amount
30	McLellan Co, WK	Misc Paving	10,755.14
31	McMaster-Carr	Compression Fittings (25), High Temperature Coolant Hoses (3) & T-Slots Bolts (4)	443.65
32	Mutual of Omaha	June Group Life Insurance Premium	1,295.81
33	Nationwide Retirement Solution	Deferred Compensation PPE 5/15/23	2,035.00
34	Nerviani's Backflow	Backflow Testing for District & Customer Owned Assemblies (45)	3,045.00
35	New Pig Corporation	Floor Mat, Spill Kits (2)	324.89
36	Nommsen, Jessica	Exp Reimb: CA Water Environmental Assoc Lab Certification Renewal Fee	95.00
37	ODP Business Solutions, LLC	Miscellaneous Office Supplies & Banker's Boxes (12)	299.36
38	Pace Supply	Corp Stops (8), Elbows (50), Bushings (30), Couplings (33) (\$1,360), Nipples (5), Meter Spuds (40), Clow Hydrants Caps (40) (\$5,099), Pipe (120') & Nipple Closures (8)	8,571.25
39	POA of Novato Heights	2023 Property Owner's Association Dues (1/23-12/23) (Budget \$300)	400.00
40	Point Reyes Prop Mgmt Assn	May HOA Fees (25 Giacomini Rd)	75.05
41	Pollard Water	Hydrant Reducers (6)	234.03
42	Quadient, Inc.	June Postal Meter Rental	143.09
43	Redwood Health Services, Inc.	April 2023-Dental Claims & Fees Expense	4,473.22
44		Vision Reimbursement	352.98
45	RS Home Improvement, LLC	Refund of Deposit-New Development-WC Restriction-Novato	1,000.00
46	Sabah International	Inspection on Security System (STP)	948.00
47	Scott Technology Group	May Monthly Maintenance on Admin Copier	137.01
48	SCS Engineers	Prog Pymt#1: Perform Audit of Chlorine Gas System at Stafford Treatment Plant (Balance Remaining on Contract \$7,442)	12,558.44
49	Service Station Systems	Parts & Service on Fuel Pumps	1,864.62

Seq	Payable To	For	Amount
50		Vision Reimbursement	379.00
51	Sonoma County Water Agency	April Contract Water (\$81,397), North Bay Water Reuse Authority Associate Membership Dues (\$5,000), Resilience Arena for Drought Contingency Plan (\$9,333) & Joint Use (\$7,500)	103,230.05
52	SPG Solar Facility XII, LLC	April Energy Delivered Under Solar Services Agreement	16,129.26
53	State Water Resources Control Board	Clean Water SRF Loan & Principal & Interest- RW North Seg 3 (Pymt#11 of 20) (\$96,153) & Clean Water SRF Loan & Principal & Interest- RWF (Pymt#16 of 20) (\$273,367)	369,520.07
54	SWRCB Accounting Office	Environmental Laboratory Accreditation Program Amendment Fee for Change of Laboratory Location to Buck Institute	1,500.00
55	Survival CPR & First Aid LLC	Automated External Defibrillator (AED) Kits for STP & Warehouse	5,458.62
56	Township Building Services	April Janitorial Services (District Yard & STP)	1,522.86
57	United Parcel Service	Delivery Services: Sent Pipettes for Calibration (Lab) & Gas Monitor for Repair (STP)	61.24
58	Univar	Sodium Hypochlorite 12.5% (RWF)	1,464.00
59	Winzer Corporation	Heat Seal Connector	78.22
60	Wood Rodgers, Inc.	Prog Pymt#8: Gallagher Well #1 Assessment/Rehab (Balance Remaining on Contract \$7,640)	8,975.00
		TOTAL DISBURSEMENTS	<u>\$2,023,700.60</u>

The foregoing payroll and accounts payable vouchers totaling \$2,023,700.60 are hereby approved and authorized for payment.


05/23/23

 Auditor-Controller Date


5/23/23

 General Manager Date

DISBURSEMENTS - DATED JUNE 1, 2023

Date Prepared 5/30/23

The following demands made against the District are listed for approval and authorization for payment in accordance with Section 31302 of the California Water Code, being a part of the California Water District Law:

Seq	Payable To	For	Amount
90592*	US Bank Card	Office of Water Programs-Water Distribution Class, Best Buy-iPads (2), Powerflex Vehicle Charging Fee, Key for Solar Enclosure Loma Verde Tank, Airfare, Transportation & Registration for Neptune Conference, Zoom for Board Meetings, AT&T Internet (P RTP & Gallagher Well #2), AWWA Membership (Kehoe), Thermal Labels for Lab, Cell Modem Antenna & Vacuum Hose	\$2,831.59
1	945 Front Street Partners	Novato "Cash for Grass" Rebate Program	382.50
2	All Star Rents	Propane (23 gals)	104.56
3	Asbury Environmental Services	Metal Oil, Gas & Paper Filters Disposal	451.85
4	Bold & Polisner	April Legal Fees-General (\$1,440) & NMWD Portion Potter Valley FERC	1,777.50
5	Caltest Analytical Laboratory	Lab Testing	105.80
6	Core Utilities, Inc	Consulting Services: April IT Support (\$6,000), SCADA, Programmable Logic Controllers (\$1,975) & Refurbished Firewalls for SCADA Cell Modem Installations (\$1,050)	9,025.00
7	Core & Main	Couplings (5) (\$1,481) & Air Release Valves (4) (\$1,716)	3,197.50
8	Diesel Direct West	Diesel (551 gal) (\$2,550) & Gasoline (602 gal) (\$2,642)	5,192.25
9	Dirks, John	Novato "Smart Irrigation Controller" Program	113.91
10	Ditch Witch West	Prospector, Sight Glass & Bulk Hose ('19 Ditch Witch HX750)	445.04
11	Dodd, Martyn	Novato "Smart Irrigation Controller" Program	88.75
12		Vision Reimbursement	368.00

Seq	Payable To	For	Amount
13	Grainger	Miscellaneous Maintenance Tools & Supplies	1,203.76
14	Harrington Industrial Plastics	Valve Ball Tubing (2)	253.53
15	Hendrickson Pools Inc.	Refund Security Deposit on Hydrant Meter Less Final Bill	672.84
16	Home Depot	Exterior Door, Cover Plate & Water Meter Valve Keys (4)	389.17
17	Kemira Water Solutions	Ferric Chloride (9 dry tons) (STP)	12,598.83
18	Kiosk Creative LLC	Marketing Communication & Outreach Service (Balance Remaining on Contract \$15,789)	6,573.63
19	Lucan, Eric	Refund of Deposit/New Development/WC Restriction-Novato	1,000.00
20	Marin Color Service	Paint & Supplies	155.50
21	McLellan Co, WK	Misc Paving	25,600.94
22	McMaster-Carr Supply Co	Suction Hoses (6), Rod Ends (5) & Handle Replacements (2)	409.64
23	Novato Sanitary District	January (\$3,996) & February (\$2,732) 2023-RW Operating Expense	6,728.23
24	ODP Business Solutions, LLC	Misc Office Supplies	111.88
25	Pace Supply	Bushing & Sewer Pipes (14)	100.92
26	Peterson Trucks	Service Parts ('15 & '21 Int'l 5 Yard Dump Trucks)	767.22
27	Pollard Water	Pin Lug Caps (4)	121.30
28	Red Wing Business Advantage	Safety Boots (Simpson)	200.00
29	Tank Products, Inc.	Staff Gauge for Center Road Tank	953.30
30	Thatcher Company of California	Chlorine (2,000 lbs) (STP)	3,866.00
31	Univar	Caustic Soda (13 dry tons-STP) (\$10,117) & Sodium Hypochlorite (PRTP)	10,410.05
32	USA BlueBook	Turbidity Standard & Male Connectors (10)	373.91
33	Williams, Anthony	Exp Reimb: May Mileage	112.66



MEMORANDUM

To: Board of Directors

June 6, 2023

From: Julie Blue, Auditor-Controller *JB*
 Nancy Williamson, Accounting Supervisor *NW*

Subj: Auditor-Controller's Monthly Report of Investments for April 2023
t:\ac\word\invest\23\investment report 0423.doc

RECOMMENDED ACTION: Information

FINANCIAL IMPACT: None

At month end the District's Investment Portfolio had an amortized cost value (i.e., cash balance) of \$39,000,514 and a market value of \$38,839,518. During April the cash balance decreased by \$903,466. The market value of securities held decreased \$769,731 during the month. The total unrestricted cash balance at month end was \$4,571,743 and 105.7% of the Designated Cash Reserves are funded.

At April 30, 2023, 54% of the District's Portfolio was invested in California's Local Agency Investment Fund (LAIF), 17% in Time Certificates of Deposit, 26% in a Treasury Note, 2% in the Marin County Treasury, and 1% retained locally for operating purposes. The weighted average maturity of the portfolio was 78 days, compared to 79 days at the end of March. The LAIF interest rate for the month was 2.87%, compared to 2.83% the previous month. The weighted average Portfolio rate was 4.39%, compared to 4.30% for the prior month.

Investment Transactions for the month of April are listed below:

4/4/2023	LAIF	US Bank	\$700,000.00	Trsf from LAIF account
4/6/2023	US Bank	Morgan Stanley Bank NA	\$244,000.00	Purchase 4.9% TCD due 4/7/25
4/6/2023	US Bank	Morgan Stanley Bank Private	\$244,000.00	Purchase 4.9% TCD due 4/7/25
4/13/2023	CA State Treasurer	LAIF	\$163,279.79	3/23 Quarterly LAIF interest
4/20/2023	LAIF	US Bank	\$750,000.00	Trsf from LAIF account
4/27/2023	LAIF	US Bank	\$150,000.00	Trsf from LAIF account

NORTH MARIN WATER DISTRICT
AUDITOR-CONTROLLER'S MONTHLY REPORT OF INVESTMENTS
April 30, 2023

Type	Description	S&P Rating	Purchase Date	Maturity Date	Cost Basis ¹	4/30/2023 Market Value	Yield ²	% of Portfolio
LAIF	State of CA Treasury	AA-	Various	Open	\$20,889,456	\$20,607,664	2.87% ³	54%
Time Certificate of Deposit								
TCD	Enerbank	n/a	9/25/20	9/25/24	249,000	249,000	0.45%	1%
TCD	Sallie Mae Bank	n/a	8/18/21	8/18/23	249,000	249,000	0.35%	1%
TCD	UBS Bank	n/a	9/9/21	9/11/23	249,000	249,000	0.35%	1%
TCD	BMW Bank	n/a	8/20/21	2/20/24	249,000	249,000	0.45%	1%
TCD	Goldman Sachs Bank	n/a	1/19/22	1/19/24	249,000	249,000	0.75%	1%
TCD	Ally Bank	n/a	2/24/22	2/23/24	248,000	248,000	1.30%	1%
TCD	Greenstate Credit Union	n/a	3/15/22	3/15/24	249,000	249,000	1.60%	1%
TCD	Capital One Bank	n/a	4/7/22	4/8/24	247,000	247,000	2.20%	1%
TCD	Capital One Bank, N.A.	n/a	4/20/22	4/22/24	247,000	247,000	2.35%	1%
TCD	American Express Natl Bank	n/a	5/4/22	5/6/24	246,000	246,000	2.60%	1%
TCD	BMO Harris Bank	n/a	6/10/22	6/10/24	246,000	246,000	2.80%	1%
TCD	GE Credit Union	n/a	6/29/22	6/28/24	249,000	249,000	3.25%	1%
TCD	Beal Bank	n/a	7/13/22	7/10/24	246,000	246,000	3.05%	1%
TCD	Synchrony Bank	n/a	8/5/22	8/5/24	245,000	245,000	3.30%	1%
TCD	Discover Bank	n/a	9/13/22	9/13/24	245,000	245,000	3.40%	1%
TCD	Sharonview Credit Union	n/a	10/17/22	10/17/24	249,000	249,000	4.35%	1%
TCD	Popular Bank	n/a	11/9/22	11/7/24	247,000	247,000	4.75%	1%
TCD	Dannemora Fed Credit Union	n/a	11/10/22	11/10/23	249,000	249,000	4.70%	1%
TCD	Greenwood Credit Union	n/a	11/21/22	11/21/23	248,000	248,000	4.85%	1%
TCD	Alabama Credit Union	n/a	11/22/22	11/22/24	248,000	248,000	4.90%	1%
TCD	Community West Credit Union	n/a	12/19/22	12/19/24	249,000	249,000	4.78%	1%
TCD	Connexus Credit Union	n/a	12/20/22	12/20/23	248,000	248,000	5.00%	1%
TCD	Austin Telco Fed Credit Union	n/a	1/27/23	1/27/25	248,000	248,000	4.90%	1%
TCD	First Tech Fed Credit Union	n/a	2/17/23	2/18/25	249,000	249,000	4.85%	1%
TCD	Keybank National Assoc	n/a	3/15/23	3/17/25	243,000	243,000	5.00%	1%
TCD	Morgan Stanley Bnk NA	n/a	4/6/23	4/7/25	244,000	244,000	4.90%	1%
TCD	Morgan Stanley Private Bnk	n/a	4/6/23	4/7/25	244,000	244,000	4.90%	1%
					\$6,679,000	\$6,679,000	3.18%	17%
US Treasury Notes								
Treas	Treasury Note	n/a	12/21/22	5/18/23	\$9,998,765	\$10,119,561	4.47%	26%
Other								
Agency	Marin Co Treasury	AAA	Various	Open	\$1,049,998	\$1,049,998	0.26%	2%
Other	Various	n/a	Various	Open	383,294	383,294	0.05%	1%
TOTAL IN PORTFOLIO					\$39,000,514	\$38,839,518	4.39%	100%

Weighted Average Maturity = 78 Days

LAIF: State of California Local Agency Investment Fund.

TCD: Time Certificate of Deposit.

Treas: US Treasury Notes with maturity of 5 years or less.

Agency: STP State Revolving Fund Loan Reserve.

Other: Comprised of 5 accounts used for operating purposes. US Bank Operating Account, US Bank STP SRF Loan Account, US Bank FSA Payments Account, Bank of Marin AEEP Checking Account & NMWD Petty Cash Fund.

1 Original cost less repayment of principal and amortization of premium or discount.

2 Yield defined to be annualized interest earnings to maturity as a percentage of invested funds.

3 Earnings are calculated daily - this represents the average yield for the month ending April 30, 2023.

<u>Interest Bearing Loans</u>	<u>Loan Date</u>	<u>Maturity Date</u>	<u>Original Loan Amount</u>	<u>Principal Outstanding</u>	<u>Interest Rate</u>
Marin Country Club Loan	1/1/18	11/1/47	\$1,265,295	\$1,067,153	1.00%
Marin Municipal Water - AEEP	7/1/14	7/1/32	\$3,600,000	\$1,777,295	2.71%
Employee Housing Loan (1)	3/30/15	3/30/30	250,000	250,000	Contingent
TOTAL INTEREST BEARING LOANS			\$5,115,295	\$3,094,448	

The District has the ability to meet the next six months of cash flow requirements.

State Water Resources Control Board

NOTICE OF PROPOSED EMERGENCY RULEMAKING May 19, 2023

Proposed revision and readoption of the Emergency Regulation to Ban Decorative Grass Watering in Commercial, Industrial, and Institutional Areas

Required Notice of Proposed Emergency Action

Government Code section 11346.1, subdivision (a)(2), requires that, at least five working days prior to submission of a proposed emergency regulation to the Office of Administrative Law (OAL), the adopting agency must provide a notice of the proposed emergency action to every person who has filed a request for notice of regulatory action with the agency. After the submission of the proposed emergency action to OAL, OAL shall allow interested persons five calendar days to submit comments on the proposed emergency regulations as set forth in Government Code section 11349.6. This document and the accompanying information provide the required notice.

Proposed Emergency Action

On April 12, 2021, May 10, 2021, July 8, 2021, and October 19, 2021, Governor Newsom proclaimed states of emergency that continue today and exist across all the counties of California, due to drought conditions.

On August 11, 2022, the Governor announced California's long-term actions to increase water supply and adapt to more extreme weather patterns caused by climate change in a document called, "California's Water Supply Strategy, Adapting to a Hotter, Drier Future." The strategy recognizes that the American West is experiencing extreme, sustained drought conditions caused by hotter, drier weather.

On March 24, 2023, in Executive Order N-5-23, the Governor affirmed that the multi-year nature of the current drought continues to have significant, immediate impacts on communities across California.

Water Code section 1058.5 grants the State Water Board the authority to adopt emergency regulations in certain drought years to: "prevent the waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion, of water, to promote water recycling or water conservation, to require curtailment of diversions when water is not available under the diverter's priority of right, or in furtherance of any of the foregoing, to require reporting of diversion or use or the preparation of monitoring reports."

Before May 30, 2023, the State Water Board will revise, readopt, and submit to OAL the emergency regulation previously adopted in May 2022, ensuring that a ban on using potable water for decorative grass watering (non-functional turf irrigation) in commercial, industrial, and institutional areas remains in effect for up to an additional year of continued drought conditions. This provision will, if approved by OAL, be added to title 23 of the California Code of Regulations.

Proposed Text of Emergency Regulation

The Proposed Emergency Regulation Text can be found at this link: **ATTACHED - see below**
https://www.waterboards.ca.gov/water_issues/programs/conservation_portal/regs/docs/2023/EmergencyRegTextDRAFT_2023-06ereq.pdf.

Regulatory documents and more information can also be found under “Current Statewide Water Conservation Emergency Regulations” on the State Water Board’s Water Conservation Emergency Regulations webpage at: <https://bit.ly/conservationreg>.

Informative Digest (Gov. Code, § 11346.5, subd. (a)(3))

The proposed regulation is consistent and compatible with existing regulations on this subject. The proposed regulation neither differs from nor conflicts with an existing comparable federal statute or regulation.

The ban on using potable water to irrigate decorative grass in commercial, industrial, and institutional areas must continue to promote water conservation during the drought emergency. California has been subject to multi-year droughts in the past and it is uncertain what future conditions will be. Moreover, climate change science indicates that the Southwestern United States are becoming drier, increasing the likelihood of prolonged droughts.

Additional benefits will be realized should the Board adopt the proposed regulation:

- Reduced water bills for customers that reduce water use (some of these savings will generate additional economic activity, such as investments in drought-tolerant landscaping);
- increased drought awareness and shared sense of responsibility among urban water users; and
- reduced potential for economic disruption if there are dry years ahead.

The proposed emergency adoption of section 996, subdivision (b), prohibits the irrigation, with potable water, of non-functional turf in the commercial, industrial, and institutional sectors statewide, which is one of the more discretionary water uses that can be reduced or eliminated during drought conditions with less impacts than other water uses. This section provides a local approval process for exempting low water using turf under certain conditions.

Proposed section 996, subdivision (c), specifies the potential penalties for violations of subdivision (b).

Proposed section 996, subdivision (d), specifies the process for someone issued an order or decision under this section to seek reconsideration of that order or decision.

Other Matters Prescribed by Statute (Gov. Code, § 11346.5, subd. (a)(4))

The proposed emergency regulation would be adopted in response to conditions which exist, or are threatened, in a critically dry year immediately preceded by two or more consecutive below normal, dry, or critically dry years, or during a period for which the Governor has issued a proclamation of a state of emergency under the California Emergency Services Act (Chapter 7 (commencing with Section 8550) of Division 1 of Title 2 of the Government Code) based on drought conditions.

Suspension of California Environmental Quality Act

On October 19, 2021, the Governor issued an executive order addressing the drought emergency, which, among other things, suspended the California Environmental Quality Act (CEQA) as applied to the State Water Resources Control Board's adoption of emergency regulations to "supplement voluntary conservation by prohibiting certain wasteful water practices." The proposed emergency regulation falls under this suspension.

Local Mandate (Gov. Code, § 11346.5, subd. (a)(5))

The State Water Resources Control Board has determined that adoption of proposed section 996 does not impose a new mandate on local agencies or school districts. The sections are generally applicable law.

The State Water Resources Control Board has further determined that adoption of proposed section 996 does not impose a new mandate on local agencies or school districts, because the local agencies affected by the section have the authority to levy service charges, fees, or assessments sufficient to pay for the mandate program or increased level of service. (See Gov.Code, § 17556.)

Estimate of Cost or Savings (Gov. Code, § 11346.5, subd. (a)(6))

Increased urban water conservation will result in reduced water use, which in turn will result in reduced water sales and lost revenue for urban water suppliers. This loss in revenue will be a function of the amount of water conserved (and therefore not sold) and the unit prices that water would have sold for. The State Water Board estimates that local agencies that are urban water suppliers could collectively realize approximately \$10 million in lost revenue as a result of implementing the proposed regulations. We expect that suppliers will fully make up for any lost revenues by adjusting their rates over time.

Implementation of the proposed emergency regulation will result in additional workload for the State Water Board. This work, however, will be accomplished through redirection of resources within existing agency budgets. Significant costs or savings for State agencies are therefore not anticipated.

The above summary information is explained in greater detail in the Informative Digest and Fiscal Impacts document, which can be found under “Current Statewide Water Conservation Emergency Regulations” on the Water Conservation Emergency Regulations webpage at: <https://bit.ly/conservationreg>

Written Comment Period

Any interested person may submit written comments relevant to the proposed regulatory action to the State Water Board. Written comments must be received no later than close of business **Thursday, May 25, 2023**. The State Water Board will only consider written comments received by that time.

Please send comment letters to the Clerk to the Board by email at commentletters@waterboards.ca.gov, (916) 341-5620 (fax), or by mail or hand delivery addressed to:

Courtney Tyler, Clerk to the Board
State Water Resources Control Board
P.O. Box 100, Sacramento, CA 95812-2000 (by mail)
1001 I Street, 24th Floor, Sacramento, CA 95814 (by hand delivery)

Please also indicate in the subject line, “**Comment Letter – Emergency Regulation to Ban Decorative Grass Watering.**” Hand and special deliveries should also be addressed to the Clerk at the address above. Couriers delivering comments must check in with lobby security and have them contact the Clerk to the Board at (916) 341-5611. Due to the limitations of the email system, emails larger than 15 megabytes are rejected and cannot be delivered or received by the State Water Board. We request that comments larger than 15 megabytes be submitted under separate emails.

To be added to the mailing list to receive notification of updates of water conservation regulations, you may subscribe to the listserv for “Water Conservation Regulations” by going to:
https://www.waterboards.ca.gov/water_issues/programs/conservation_portal/regs/emergency_regulation.html#subscribe.

Finding of Emergency (Gov. Code, § 11346.1, subd. (b))

The State Water Board finds that an emergency exists due to drought conditions and that adoption of the proposed emergency regulation is necessary to address the emergency. On April 12, 2021, May 10, 2021, July 8, 2021, and October 19, 2021, Governor Newsom proclaimed states of emergency that continue today and remain in effect across all the counties of California. On August 11, 2022, the Governor announced California’s long-term actions to increase water supply and adapt to more extreme weather patterns caused by climate change in a document called, “California’s Water Supply Strategy, Adapting to a Hotter, Drier Future.” The strategy recognizes that the American West is experiencing extreme, sustained drought conditions caused by hotter, drier weather.

On March 24, 2023, in Executive Order N-5-23, the Governor affirmed that the multi-year nature of the current drought continues to have significant, immediate impacts on communities across California. Immediate action is needed to ensure Californians are taking sufficient actions to conserve water.

Additional information can be found in the Informative Digest and Fiscal Impacts document, available under “Current Statewide Water Conservation Emergency Regulations” on the State Water Board’s Water Conservation Emergency Regulations webpage at: <https://bit.ly/conservationreg>.

Authority and Reference (Gov. Code, § 11346.5, subd. (a)(2))

Water Code section 1058.5 provides authority for the emergency regulations. The revised emergency regulations implement, interpret, or make specific: Article X, Section 2, California Constitution; Sections 4080, 4100, 4110, 4150, 4185, and 4735, Civil Code; Section 8627.7, Government Code; Sections 102, 104, 105, 275, 350, 491, and 1122, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463; and *Stanford Vina Ranch Irrigation Co. v. State of California* (2020) 50 Cal.App.5th 976.

Date May 19, 2023

Courtney Tyler
Courtney Tyler
Clerk to the Board

PROPOSED TEXT OF EMERGENCY REGULATION

Title 23. Waters

Division 3. State Water Resources Control Board and Regional Water Quality Control Boards

Chapter 3.5. Urban Water Use Efficiency and Conservation

Article 3. Prevention of Drought Wasteful Water Uses

§ 996. Urban Drought Response Actions

(a) As used in this section:

(1) “Commercial, industrial and institutional” refers to commercial water users, industrial water users, and institutional water users as respectively defined in Water Code, section 10608.12, subdivisions (e), (i), and (j), and includes homeowners’ associations, common interest developments, community service organizations, and other similar entities but does not include the residences of these entities’ members or separate interests.

(2) “Common interest development” has the same meaning as in section 4100 of the Civil Code.

(3) “Community service organization or similar entity” has the same meaning as in section 4110 of the Civil Code.

(4) “Homeowners’ association” means an “association” as defined in section 4080 of the Civil Code.

(5) “Non-functional turf” means turf that is solely ornamental and not regularly used for human recreational purposes or for civic or community events. Non-functional turf does not include sports fields and turf that is regularly used for human recreational purposes or for civic or community events.

(6) “Plant factor” has the same meaning as in section 491.

(7) “Separate interest” has the same meaning as in section 4185 of the Civil Code.

(8) “Turf” has the same meaning as in section 491.

(b) (1) To prevent the unreasonable use of water and to promote water conservation, the use of potable water is prohibited for the irrigation of non-functional turf at commercial, industrial, and institutional sites.

(2) Notwithstanding subdivision (b)(1), the use of water is not prohibited by this section to the extent necessary to ensure the health of trees and other perennial non-turf plantings or to the extent necessary to address an immediate health and safety need.

DRAFT – 05/15/2023

- (3) Notwithstanding subdivision (b)(1), an urban water supplier may approve a request for continued irrigation of non-functional turf where the user certifies that the turf is a low water use plant with a plant factor of 0.3 or less, and demonstrates the actual use is less than 40% of reference evapotranspiration.
- (c) The taking of any action prohibited in subdivision (b) is an infraction punishable by a fine of up to five hundred dollars (\$500) for each day in which the violation occurs. The fine for the infraction is in addition to, and does not supersede or limit, any other remedies, civil or criminal.
- (d) A decision or order issued under this section by the Board, or an officer or employee of the Board, is subject to reconsideration under article 2 (commencing with section 1122) of chapter 4 of part 1 of division 2 of the Water Code.

Authority: Section 1058.5, Water Code.

References: Article X, Section 2, California Constitution; Sections 4080, 4100, 4110, and 4185, Civil Code; Section 8627.7, Government Code; Sections 102, 104, 105, 275, 350, 377, 491, 1122, and 10608.12, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463; *Stanford Vina Ranch Irrigation Co. v. State of California* (2020) 50 Cal.App.5th 976.

Russian-Eel river stakeholders launch new effort to find path forward without defunct power plant

The newly formed Russian River Water Forum will consider alternatives in a future without the PG&E hydroelectric plant that for decades has shunted Eel River water into the Russian River. |  5



SLIDE 1 OF 9

Water from the Eel River collects at Van Arsdale Reservoir and flows over Cape Horn Dam. A percentage of the water is redirected through a diversion tunnel to the Potter Valley Powerhouse and into the east fork of the Russian River. (Christopher Chung / The Press Democrat)

MARY CALLAHAN

THE PRESS DEMOCRAT

May 18, 2023, 5:52PM | [Updated 1 hour ago](#)

They come from four counties and have only months to work. Their interests often diverge and sometimes even conflict with one another. But they have a common goal: Find a path forward in a world without Pacific Gas & Electric's Potter Valley power plant.

The stakeholders include water providers, agricultural users and elected officials whose constituents depend on diversions from the Eel River to help fill Lake Mendocino and feed the upper Russian River in Mendocino and Sonoma counties.

They also include fishery interests that want two aging dams removed from the Eel River to improve fish passage and restore the river's ecological function. Among those interests are Native American tribes, who for more than a century had their historic fisheries and water sources seized from their control for the benefit of others. The tribes are joined by Humboldt County representatives long troubled by impairment of the Eel River's salmon fishery and water supply.

And still other interests come from Lake County, which could face the loss of Lake Pillsbury, a well-developed community and recreational hub formed by the impoundment of the Eel River behind Scott Dam.

Finding consensus through the mire would seem a herculean task — and not a very fun one.

But more than 30 people have agreed to give it a go as members of a newly formed group called the [Russian River Water Forum](#), initiated by the Sonoma County Water Agency and several partners.

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OceanHarbor

That's a shame to drain lake pillsbury. It's a Great Lake for boating and enjoying the water.

REPLY  3  0



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The goal is to explore ways to maintain flows in the Russian River once PG&E decommissions an inoperative power plant while also “protecting Tribal interests and supporting the stewardship of fisheries, water quality, and recreation in the Russian River and Eel River basins,” according to its draft charter.

The power plant for more than 100 years required transfers of Eel River water through a mile-long tunnel to turn turbines for hydroelectric power. The water then streamed into the East Fork of the Russian River. There, some was extracted for irrigation in Potter Valley. The remainder made its way to Lake Mendocino for release into the Russian River for fish, recreation, agriculture and human consumption.



Potter Valley Powerhouse, map

The stakes are high — “scary,” says Mike Thompson, assistant general manager of the

Sonoma County Water Agency, known as Sonoma Water, a wholesale provider that supplies water to more than 600,000 people in Sonoma and northern Marin counties.

Studies using 110 years of hydrologic data show Lake Mendocino would go dry in roughly two of every 10 years without continued Eel River contributions. In eight out of 10, the reservoir would be unable to meet all the demands on it.

“The potential impacts are pretty severe, especially in the upper Russian River,” Thompson told The Press Democrat.

And tensions already were evident in a kickoff meeting Wednesday that was held in-person in Ukiah and on Zoom, though online participants were challenged to follow the conversation because of poor audio from the conference room.

Feasibility studies already underway show retaining some remnant of Cape Horn Dam, the smaller of two dams that are part of the hydroelectric project, may allow continued water transfers into the Russian River, according to Sonoma Water’s David Manning, environmental resources manager.

Conservation representatives from groups like Cal Trout and Friends of the Eel River, however, were plain in their calls for urgent removal of Scott Dam and Cape Horn Dam, located 12 miles downstream at the entrance of the diversion tunnel.

Scott Dam blocks access to hundreds of miles of upstream watershed that historically provided critical spawning and nursery habitat for federally protected Chinook salmon, steelhead trout and Pacific lamprey.

Cape Horn Dam, though equipped with a fish ladder, is only partially functional and exposes vulnerable fish to predation and high water temperatures that can harm already threatened species.

PG&E plans to have the dams removed as part of decommissioning process, but with its license already expired, conservation and fishery groups say it’s currently violating the Endangered Species Act. Tuesday they filed suit against the utility to that effect.

[PotterValleyESAComplaint.pdf](#)

Several of the five plaintiffs — Friends of the Eel River, the Pacific Coast Federation of Fishermen's Associations, the Institute for Fisheries Resources, California Trout, and Trout Unlimited — have representatives on the Water Forum Planning Group or contributed to Wednesday's dialogue.

Their interests overlap with local tribes, some of whom revealed in their comments the pain and offense suffered over a century of diversions. Those diversions came at great cost to their people's water supplies and fishing traditions, even after their ancestors had stewarded the rivers "for time immemorial," as one said.

Some speakers challenged the underlying assumption that continued water transfers were automatically a desired result.

Glen Spain, regional director of the Pacific Coast Federation of Fishermen, which has a member on the Planning Group, said the water diversions represent "100 years of gross injustice" made at the cost of what was once the fourth largest salmon producing river in the country."

"It is not acceptable to us to be robbing Peter to pay Paul," he said.

In an unexpected rant that abruptly closed the meeting, Scott Greacen, conservation director for Friends of the Eel River, said Sonoma Water's consideration of using any part of Cape Horn Dam in the future disregarded state and federal regulations as well as his group's starting point for participation in the Water Forum. He called their historic water rights claims "a remnant of a fundamentally racist, conquest-oriented system that no proper role" in the modern day.

Lake County Supervisor Eddie "EJ" Crandell, as well as leaders of the Potter Valley Alliance, which was granted a seat on the Planning Group on Wednesday, also reflected their sense of exclusion from past conversations about the future of the PG&E facility. Crandell noted that earlier talks were centered on a "two-basin solution," even though "the water originates in Lake County."

Crandell was referring to an earlier iteration of the new group called the Two-Basin Solution Partnership. The organization formed in 2019 as an expansion of an ad hoc effort by North Coast Congressman Jared Huffman in response to PG&E's initial uncertainty about re-

licensing its small, inefficient hydroelectric plant.

PG&E later decided not to seek a new license and, when the plant transformer failed, eventually decided not to fix it, even though it will take some years before the license is fully surrendered. The utility more recently announced it would allow Lake Pillsbury to fill only three-quarters full because of increased seismic risk calculated for Scott Dam.

The company expects to file its draft decommissioning plan with federal regulators by November, with a final surrender application submitted in January 2025.

If interested parties want to influence any part of that — say, include retention of part of Cape Horn Dam or anything else — it needs to be determined in the coming month, Thompson, with Sonoma Water, said.

The Water Forum Planning Group won't make any decisions but is considered a deliberative group. It will explore options for satisfying the needs of various interests. It will explore the economics, potential funding sources and structures for solutions. It will also identify governance and ways to resolve water rights issues.

A grant from the state Department of Water Resources already has supplied about \$400,000 for the work, facilitated by San Francisco-based Kearns & West, a communications firm.

Sonoma Water is hoping to get a \$2 million grant, which would require a local match of \$650,000, Thompson said. The Sonoma County Board of Supervisors approved a \$350,000 contribution this week, and water districts are offering another \$150,000, he said. Mendocino County also plans to provide some funding.

Sonoma County Supervisor James Gore, whose district includes the vineyard-rich upper Russian River area of agricultural producers, opened Wednesday's meeting by acknowledging the "people with different positions, different ideas in this room," including some "who have fought in the past."

But he said it was time for the "tough conversations."

"We're the ones we've been waiting for," he said.

You can reach Staff Writer Mary Callahan (she/her) at 707-521-5249 or

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MARIN MUNICIPAL

Rate increases approved for water supply projects



Water flows over the spillway from Bon Tempe Lake towards Alpine Lake in the Mount Tamalpais watershed. The Marin Municipal Water District board approved a plan to hike water rates and fees for the next four years. SHERRY LAVARS — MARIN INDEPENDENT JOURNAL, FILE



Water flows into a tank at the Bon Tempe water treatment plant in Fairfax. ALAN DEP — MARIN INDEPENDENT

BY WILL HOUSTON

WHOUSTON@MARINIJ.COM

A majority of Marin residents' water bills will see significant increases beginning in July as the Marin Municipal Water District looks to make historic investments in new water supplies and recover from the recent drought.

The agency's board of directors voted 4-1, with Director Larry Russell dissenting, on Tuesday to approve a plan to hike water rates and fees for the next four years.

The rate increases will be the largest the district has passed in recent memory. A typical single-family home should expect to see about a 20% increase in water bill costs beginning July 1. Bimonthly water bill amounts for these customers are estimated to increase from about \$139 to about \$171 in the first year, according to district estimates.

Agency staff and board members said the rate hikes are vital to begin making the district's water supply more resilient after the recent two-year drought demonstrated the vulnerability of the agency's water supply.

The district and the 191,000 central and southern Marin residents it serves had faced the dire possibility of depleting its main reservoirs supplies as soon as mid-2022 — something that last occurred during the infamous drought of 1976-1977.

Of the four board members who supported the rate hikes on Tuesday, three directors — Ranjiv Khush, Matthew Samson and Jed Smith — were newly elected to the board in November. These directors replaced longtime board members whom they said had failed to adequately invest in water supplies during the past decades.

"I believe that we must take this difficult path so that once and for all MMWD can get out of the ongoing cycle of water shortages and to make sure that we are all well prepared to face the risks to our water supply and environment that are definitely in our uncertain climate future," Khush said before the vote on Tuesday.

"I feel like we're starting a new chapter with the water district and its history," Samson said before the vote. The district is proposing to spend \$34.7 million on new water supply projects in the next four years. The new rate revenue is also meant to begin recovering from financial losses incurred during the drought as well as from ongoing low water sales and inflation pressures. The district also plans to begin significantly higher investments to address a \$200 million backlog in the maintenance of its aging water system.

Most of the residents who attended the Tuesday meeting online or at the district's Corte Madera headquarters protested the rate changes. Many of them stated the agency was asking too much of ratepayers too soon and should instead spread the

costs out over a longer period of time.

“A case can be made for some increase but not this humongous boost,” Larkspur resident James Holmes told the board. “This increase seems intended to finance a wishlist years in the making that is more aggressive and all-encompassing than realistic and reasonable for ratepayers — Christmas in July for Marin Water.”

Other speakers called on the district to make cuts to staffing, salaries, benefits or departmental budgets before turning to ratepayers.

These concerns found an ally through Director Larry Russell, who said he empathized with the affordability concerns.

“With all due respect, I’ve done a lot of thinking here and I believe we have not achieved the affordability and equity issues that I’ve been talking about since we started all this,” Russell said before casting his dissenting vote.

Board President Monty Schmitt said the investments the district plans to make are not asking too much, but are essential to the future viability of the district and its water supply.

“With a backlog of maintenance of over \$200 million, it is not too soon, it is actually really a dire situation that we need to be investing in,” Schmitt said. “Even at the rates we are investing in, it will take decades for us to catch up to where we would ultimately want to reside in.”

Some attendees on Tuesday voiced support for the increases, stating they are needed to address years of stagnant rate increases and avoid a repeat of the 2021 water supply threats.

“We need to quit kicking the can down the road to the next two generations of Marin homeowners to pay for our insufficiently maintained water infrastructure,” Larkspur resident Ed Jameson said during the meeting.

The new rate plan is meant to overhaul the district’s existing rates and history of rate increases. The new rate structure lowers the amount of water a customer can use before they are bumped into a higher rate tier. Additionally, seasonal rates that allowed for more water use during the summer months when water use typically peaks have been eliminated. The district has also adjusted its fixed fees to tie them more closely to local water usage and to lower the proportion of fixed fees on customers’ water bills.

The district has had an inconsistent approach to rate changes in the past three decades. In the years since 1992, there were 16 years when rates were held flat and three years when rates spiked by more than 10%. In 1993, the district had reduced rates by 25%, with the rates held flat for 11 of the 14 following years.

The district faces a growing deficit without the rate changes in the face of rising expenses and sustained low water sales,

Uppendahl said. No changes would result in a \$27 million deficit at the end of the 2023-2024 fiscal year, which would steadily grow to a \$38 million budget deficit by the end of the 2026-2027 fiscal year, according to district projections.

Emergency reserve funds that would cover these shortfalls were significantly depleted during the two-year drought. The reserve fund balance dropped from \$63 million in 2021 to \$28 million as of this year as a result of lost revenue from water conservation and from needing to purchase more imported water from Sonoma County, Uppendahl said. The district receives 25% of its water from Russian River imports, with the remainder coming from the district's seven local reservoirs.

If the district did not raise rates, the reserve would shrink to about \$5 million at the end of the 2023-2024 fiscal year.

Before the vote, Smith said rate hikes are never popular but also that he and other ratepayers have benefitted from "fairly remarkably low rates for decades."

"We walked into our position, at least for me, less than six months ago to an agency that's losing \$1 million per month," Smith said during the meeting. "It has over two dozen unfilled hires not able to do the work that needs to get done, an aging infrastructure that is in need of drastic repair. And this is a board that's willing to make some difficult decisions and hopefully set ourselves up for a future that will meet our community's important needs to have safe clean drinking water and this remarkable watershed we're here to protect."

More information about the rate plan can be found at marinwater.org/2023RateSetting.

MARCH 21 INCIDENT

Repairs for mudslide near Novato to cost \$10 million

Frontage road destroyed; access to park blocked



Traffic control worker Andrew Crocker stands at the road closure on Redwood Boulevard near the Birkenstock building in Novato on Tuesday. A mudslide closed the road earlier this year. PHOTOS BY ALAN DEP — MARIN INDEPENDENT JOURNAL



Redwood Boulevard is cracked and buckled after a mudslide near Buck Center Drive in Novato in March 22.

BY WILL HOUSTON

WHOUSTON@MARINIJ.COM

Nearly two months after a major mudslide destroyed a section of a Highway 101 frontage road near Novato and blocked access to a state park, Caltrans estimates repairs will be completed in September at a cost of \$10 million.

The storm-fueled mudslide on March 21 buckled 100 feet of Redwood Boulevard just north of Novato and threatened two major utility lines serving Marin. The slide also cut off the only access road to Olompali State Historic Park to the north. The park has remained closed since the slide.

Caltrans spokesman Matt O'Donnell said design work to rebuild the road is expected to be completed soon, with construction planned to start around June 10.

"We hope to open everything by September," O'Donnell said.

While the landslide did have some movement in April, it has since stabilized, according to O'Donnell.

Redwood Boulevard remains closed between Buck Center Drive and San Antonio Road, cutting off access to a bike path just north. Cyclists must make a 17-mile detour.

O'Donnell said plans are in the works to create a shorter detour located closer to the slide area, but crews have no estimate of when the work will be completed.

“They are waiting on PG&E to complete their work so we can build that temporary bike path or work on that alternate detour,” he said.

The location of the slide is also where natural gas and water pipelines that serve tens of thousands of Marin residents are buried. While the mudslide did move and damage Pacific Gas & Electric Co. power poles, it did not damage the two gas lines that serve 93,000 Marin residents. Gas service and electric service have been able to continue without interruption.

The slide also moved, but did not damage, an aqueduct at the bottom of the hillside that carries Russian River water into Marin County. The aqueduct provides 75% of the water supply for 60,000 residents in the Novato area served by the North Marin Water District and about 25% of the water supply for 191,100 central and southern Marin residents served by the Marin Municipal Water District.

Out of caution, the aqueduct was shut off for nearly a month in case of further slide movement, said Tony Williams, general manager of the North Marin Water District. A break in the aqueduct could cause millions of gallons of water to flood onto the nearby Highway 101.

No damage has been observed after several examinations, Williams said, and the aqueduct has running at full operation since late April.

Without the aqueduct in service, the district had to rely on its only reservoir, Stafford Lake. The lake is typically used as a supplemental water supply during the warm months when water use is at its highest.

If the aqueduct were not in service, the amount of water that could be treated at the Stafford Lake treatment plant would not be able to meet typical demands for this time of year.

Williams said an emergency declaration approved by the district last month gives him the authority to implement emergency water use restrictions should the slide begin to move again.

“We have normal flow but we’re still very cautious and we have this protocol in place between the agencies,” Williams said. “If we see any anomalies we shut it down. But so far so good.”

Olompali State Historic Park is not expected to reopen until the Redwood Boulevard repairs are completed, said California State Parks Deputy District Superintendent Matthew Allen.

“We definitely would like the repairs done as soon as possible and get access to the public for recreation,” Allen said.

Upkeep of the 700-acre park has been able to continue, with staff accessing the park on the bike path to the north. Some employees live in the park.

“One of our concerns was garbage,” Allen said. “We do have several state residences in the park so one of our concerns was garbage and propane delivery. We were able to work that out with the utility companies.”

Some staff were relocated to other nearby state parks, Allen said.

While access to the park is still possible using the bike path, Allen said the park will remain closed. The path is being used to store equipment for construction crews. Additionally, the limited access would pose a safety risk in case of an emergency or medical issue, he said.

“So far people have been respecting the closure and we’re not seeing a lot of people trying to access, so we definitely thank the public for respecting that. We’re hoping to get the park open as soon as we can,” Allen said.

STATE AUDITOR

Report criticizes water agency on supply forecasts

BY IAN JAMES

LOS ANGELES TIMES

LOS ANGELES >> The state auditor has issued a report strongly criticizing the California Department of Water Resources, saying the agency has overestimated the state's water supply during drought and continues relying on forecasts that don't adequately factor in the effects of climate change.

The report by State Auditor Grant Parks said the Department of Water Resources has "made only limited progress" in improving its water-supply forecasts to account for climate change, despite acknowledging more than a decade ago that it needed to improve its forecasting methods.

The audit also concluded that DWR "has not developed a comprehensive, long-term plan" for the State Water Project, the system that delivers water from Northern California to Southern California and supplies almost 27 million Californians, to proactively respond to more severe droughts. The auditor said that in 2021, amid the driest three-year period on record, DWR significantly overestimated the state's water supply. In February of that year, the report said, the department projected that runoff would be at least twice the volume that actually flowed in the majority of the watersheds that are included in forecasts.

"DWR has continued to rely heavily on historical climate data when developing its forecasts," the auditor said in the report. "DWR has since begun planning to adapt its forecasting model and associated procedures, but it could better ensure that it is using the best approach available if it adopted a formal process for evaluating the quality of its forecasts."

The audit found that significant errors in runoff forecasts can cause problems for other water agencies. For example, it said that in 2021 the department's overestimate of inflow into Folsom Lake meant that El Dorado Irrigation District "had to forego diverting water into storage that it would have otherwise been able to capture in its reservoir."

The report noted that California endured the driest three-year period on record from 2020 through 2022, followed this year by heavy rain, snow and flooding. It pointed out that scientists project global warming will cause more extreme fluctuations in severe weather, including prolonged drought.

The state auditor found that in contrast to the Department of Water Resources, some local and federal agencies “use forecasting models that leverage additional data that may allow them to better account for the changing climate and its effects on the water supply.” It said some of the agencies that incorporate additional data in this way include Turlock Irrigation District, the San Francisco Public Utilities Commission, Merced Irrigation District and the California Nevada River Forecast Center.

The audit also found that DWR lacks sufficient records explaining some of its water releases from Lake Oroville, the state’s second-largest reservoir, and has at times released more water into the Sacramento-San Joaquin River Delta than required under existing flow standards.

The report said the agency “lacks a formal process for periodically evaluating certain State Water Project operations to identify opportunities for improvement.”

Among the audit’s recommendations, the report said the department should:

- start to evaluate the accuracy of its monthly forecasts on an annual basis, including an assessment of whether actual runoff matched the range of scenarios.
- follow through on a plan to adopt an updated water-supply forecasting model to better account for the effects of climate change.
- develop a long-term plan for mitigating and responding to the effects of drought on the State Water Project.
- establish procedures to determine monthly and annual plans for operating the State Water Project, including the amount of water that will be held in dams and released.
- reevaluate the data the agency relies on in planning reservoir operations at Lake Oroville.

The Department of Water Resources disagreed with the report’s main findings.

“DWR has been actively engaged in climate change adaptation since 2008, and we respectfully disagree with the audit’s assertion that DWR has been slow in addressing the impacts of climate change,” Karla Nemeth, the department’s director, said in an email.

Nemeth said the conditions in spring 2021 “were extreme and outside the bounds of historical experience.”

“DWR reacted quickly to the extreme hydrology and recognized the runoff forecasting error of 2021 as an opportunity to learn, adjust, and improve,” Nemeth said. “Conditions like those experienced in 2021 speak to the importance of forward-looking forecasting and developing new tools for an era of extremes.”

In a letter responding to the audit, Nemeth said DWR established a climate change program in 2008 and has since released five updates of its climate plan.

“While there is always more that DWR can do to adapt to a changed climate, DWR has demonstrated leadership in accounting for the effects of climate change,” she said in the letter.

“Many of the audit report recommendations would layer additional processes and procedures on reservoir operations,” Nemeth wrote. “No amount of paperwork will solve the challenges of climate change. However, a collaborative team of scientists, academic partners, and water managers dedicated to improved forecasting and water management through extreme flood and drought will help keep Californians safe, with secure water supplies, and that is DWR’s approach.”

State Sen. Melissa Hurtado, a Democrat whose district includes parts of the San Joaquin Valley, said she’s concerned about poor data and mismanagement of water supplies, and the report helps identify issues that need to be addressed.

“I think that the auditor is spot on,” Hurtado said. “The Department of Water Resources needs to take the recommendations from the state auditor.”

Hurtado has introduced a bill that would require state agencies to update a report on the feasibility and costs of a coordinated water measurement database, which she says would ensure water-supply forecasts are based on accurate data.

Hurtado said DWR needs to “break free from a reliance on outdated data to ensure proper water allotments.”

The report validates criticisms that environmental groups have raised for years about the agency’s “failure to proactively plan for droughts and failure to adequately account for the effects of climate change,” said Doug Obegi, director of the California river restoration program for the Natural Resources Defense Council.

“The report should be a wake-up call that leads DWR to make significant changes in how they estimate runoff from snowpack and storms,” he said, “and in developing a proactive plan for droughts, rather than simply waiving environmental protections and sacrificing salmon and other native fish and wildlife during droughts.

“Yet instead of admitting that there is a problem and working to fix it,” Obegi said, “DWR rejects the report’s findings and believes these recommendations will just lead to more ‘paperwork.’”

Distributed by Tribune News Service.

NOTICE OF PUBLIC HEARING
ADOPTION OF FINAL BUDGET
FOR FISCAL YEAR 2023-2024

Notice is hereby given that pursuant to Government Code section 61110 and following, the Tomales Village Community Services District ("District") reviewed preliminary Sewer and Park budgets on May 10 and June 14, 2023 and will hold a public hearing on July 12, 2023 beginning at 7:00 p.m. (or as soon thereafter as the matter may be heard) at the Tomales Town Hall to receive public comment and adopt a final budget for FY 2023-2024.

Any person may attend the meeting and be heard regarding this and/or any other item on the Board meeting agenda scheduled for July 12, 2023. If you wish to submit a public comment prior to the meeting, please mail your written comments to: TVCSD, PO Box 303, Tomales, CA 94971

The hearing on the budget may be continued from time to time. A copy of the proposed final budget will be available for viewing on the www.tomalescsd.ca.gov website and at the District office behind Diekmann's General Store.

The Notice of Public Hearing is posted at the Tomales Post Office Bulletin Board, Diekmann's General Store, TVCSD office, and on the www.tomalescsd.ca.gov website. It will also be published in The Point Reyes Light on May 25, 2023 and June 1, 2023.

For further information contact the General Manager, at (415) 297-1831. Published in the Point Reyes Light, May 25, June 1, 2023.
