



**NORTH MARIN  
WATER DISTRICT**

**NORTH MARIN WATER DISTRICT**  
**AGENDA - REGULAR MEETING**  
 January 21, 2025 – 4:00 p.m.  
 Location: 100 Wood Hollow Drive, Suite 300  
 Novato, California

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Item	Subject
	<b>CALL TO ORDER</b>
1.	<b>APPROVE MINUTES FROM REGULAR MEETING</b> , December 17, 2024
2.	<b>PRESENTATION BY SONOMA WATER ON THE WATER TRANSMISSION SYSTEM CAPITAL PROJECTS</b>
3.	<b>GENERAL MANAGER'S REPORT</b>
4.	<b>OPEN TIME: (Please observe a three-minute time limit)</b>  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.
5.	<b>STAFF/DIRECTORS REPORTS</b>  <b>ACTION CALENDAR</b>
6.	<b>Approve:</b> Notice of Completion – Oceana Marin & Storage Pond Rehabilitation Project
	<b>INFORMATION ITEMS</b>
7.	TAC Meeting – December 2, 2024
8.	<b>MISCELLANEOUS</b> Disbursements – Dated December 19, 2024 Disbursements – Dated December 24, 2024 Disbursements – Dated December 31, 2024 Disbursements – Dated January 9, 2025 Disbursements – Dated January 16, 2025 Monthly Progress Report Auditor-Controller's Monthly Report of Investments for November 2024 Annual Report on Board Compensation Increase in Board of Director's Compensation Excerpt from CW3E Subseasonal Outlook –7 January 2025 <u>Marin IJ</u> Wind, rain leave mark; new storm on the way – MARIN WEATHER Red Rock Spring cult – WEST MARIN <u>Social Media Posts</u> NMWD Web and Social Media Report – December 2024
9.	<b>CLOSED SESSION:</b> Public Employee Performance Evaluation (§ 54957) Title: General Manager

<b>Item</b>	<b>Subject</b>
10.	<b>CLOSED SESSION:</b> Conference with Labor Negotiators (§ 54957.6) Unrepresented employee: General Manager
11.	<b>RECONVENE:</b> Reconvene as the Board of Directors
12.	<b>ADJOURNMENT</b>

1

**DRAFT**  
**NORTH MARIN WATER DISTRICT**  
**MINUTES OF REGULAR MEETING**  
**OF THE BOARD OF DIRECTORS**  
**DECEMBER 17, 2024**

**CALL TO ORDER**

President Baker called the regular meeting of the Board of Directors of North Marin Water District to order at 4:00 p.m. at the District Headquarters and the agenda was accepted as presented. Present were Directors Jack Baker, Ken Eichstaedt, Rick Fraites, Michael Joly, and Stephen Petterle. Also present were General Manager Tony Williams, District Secretary Eileen Mulliner, Auditor-Controller Julie Blue and AGM/Chief Engineer Eric Miller.

District employees Chris Kehoe, Construction Superintendent, Robert Clark, Operations and Maintenance Superintendent, Karen Clyde, Jose Ochoa, Lia Solar, Connie Filippi, Pablo Ramudo, Jeff Corda, Avram Pearlman, Corey Reed, and Marc Reischmann were also in attendance.

**OATH OF OFFICE**

The Oaths of Office was administered by Executive Assistant/District Secretary Eileen Mulliner to Directors Joly, Baker, Eichstaedt, and Petterle.

**REORGANIZATION OF BOARD**

**Election of President**

On motion of Director Fraites, seconded by Director Petterle, the Board elected Director Joly as President of the Board for the ensuing year by the following vote:

AYES: Director(s) Baker, Eichstaedt, Fraites, and Petterle

NOES: None

ABSENT: None

ABSTAIN: Director Joly

**Election of Vice-President**

On motion of Director Petterle, seconded by Director Fraites, Director Eichstaedt was elected Vice-President of the Board for the ensuing year by the following vote:

AYES: Director(s) Baker, Fraites, Joly, and Petterle

NOES: None

ABSENT: None

ABSTAIN: Director Eichstaedt

**Establishment of Meeting Times and Place**

On motion of Director Fraites, seconded by Director Petterle, the Board set the time and place of regular meeting to be generally the first and third Tuesday of each month at 4:00 p.m. at the District office by the following vote:

AYES: Director(s) Baker, Eichstaedt, Fraites, Joly, and Petterle



- 1 NOES: None
- 2 ABSENT: None
- 3 ABSTAIN: None

4 Establishes the Manner of Calling Special Meetings

5 On the motion of Director Petterle, seconded by Director Baker, the Board approved special  
6 meetings of the Board to be held as provided that in Section 54956 of the Government Code by the  
7 following vote:

- 8 AYES: Director(s) Baker, Eichstaedt, Fraites, Joly, and Petterle
- 9 NOES: None
- 10 ABSENT: None
- 11 ABSTAIN: None

12 Confirm Board Meeting Schedule for 2025

13 Director Petterle asked that the second meeting in February, the 18<sup>th</sup>, be added to the calendar  
14 and the other Directors concurred. On the motion of Director Fraites, seconded by Director Petterle,  
15 the Board accepted the proposed meeting schedule for the 2025 calendar year, with the  
16 understanding that the calendar may be adjusted as needed, by the following vote:

- 17 AYES: Director(s) Baker, Eichstaedt, Fraites, Joly, and Petterle
- 18 NOES: None
- 19 ABSENT: None
- 20 ABSTAIN: None

21 Appointment of District Officers

22 On the motion of Director Joly, seconded by Director Fraites, the following District officers  
23 were appointed for the ensuing year: Tony Williams, General Manager; Eileen Mulliner, Executive  
24 Assistant/District Secretary; Julie Blue, Auditor-Controller; and Eric Miller, Assistant General  
25 Manager/Chief Engineer by the following vote:

- 26 AYES: Director(s) Baker, Eichstaedt, Fraites, Joly, and Petterle
- 27 NOES: None
- 28 ABSENT: None
- 29 ABSTAIN: None

30 Director Eichstaedt suggested moving to Item #8, Approve Resolution of Appreciation for  
31 Brad Stompe, up to accommodate those in the audience who had come for that particular item. The  
32 other Directors agreed.

33 **APPROVE: RESOLUTION OF APPRECIATION FOR BRAD STOMPE**

34 This item was moved up in the Agenda order by President Joly at the suggestion of Director  
35 Eichstaedt. Director Petterle commented that when he was at MMWD as well at the County of Marin,  
36 he knew of Brad and said that he is highly respected here and in the other organizations he has

1 been involved with. Director Baker said that Brad is very responsive, friendly, knows what he is  
2 talking about, is very sharp, a hard worker, and will be tough to lose as a District employee. He said  
3 he hopes to see him occasionally and wished him well and that he will be missed. Director Fraites  
4 noted that the Stompe name is well known in Novato and that Brad has done a fantastic job at the  
5 plant, one of the main reasons we are so respected. He thanked Brad for all his time and  
6 congratulated him. Director Eichstaedt noted that Brad has done so much and has attained such  
7 high levels of certification and the District has been fortunate to have had him. He thanked Brad for  
8 his service and maintaining the quality of NMWD's water. Director Joly agreed with the other  
9 directors and said that Stompe is a quality name in Novato. He said Brad ran the treatment plant  
10 superbly and thanked him.

11 Brad addressed the Board and said he was humbled by their words. He said a part of his  
12 heart and soul will stay with the District. He also said that he is leaving the plant in confident hands,  
13 it's a good crew. He noted that Jeff Corda is ready to take over.

14 Former General Manager, Chris DeGabriele spoke saying he had the privilege to hire Brad,  
15 first as a temp, then as a full-time employee. He said that treatment plant operators are a special  
16 breed, multi-faceted and take their job seriously. He said you don't often hear about when major  
17 issues come up because they get handled. He said he had the good fortune to have Brad on board  
18 during his career at the District.

19 Robert Clark spoke and said the three people that he gleaned information from when he  
20 started were Chris DeGabriele, Drew McIntyre, and Brad Stompe. He said he has worked close with  
21 Brad and followed him a lot where there were major issues. He said that Brad helped create what  
22 we have today so that when new people come on board we can move into the future. He said that  
23 Brad championed the fish population in Stafford Lake. He thanked Brad for all his work at the  
24 District.

25 Tony Williams said he turned to Brad when he first started at the District because he knew  
26 Brad would have the answers and he thanked Brad. He further said that Brad has maintained  
27 relationships with Marin Water, Sonoma Water, County of Marin, and City of Novato, which is key for  
28 our business.

29 Jeff Corda spoke and said that he has worked with Brad for 19 years. He said Brad brings a  
30 sense of calm to any situation and appreciated the time Brad has taken with him.

31 President Joly proceeded to read the Resolution of Appreciation out loud.

32 On the motion of Director Petterle, and seconded by Director Fraites, the Board approved  
33 the Resolution of Appreciation for Brad Stompe by the following vote:

34 AYES: Director(s) Baker Eichstaedt, Fraites, Joly, and Petterle

35 NOES: None

36 ABSENT: None

37 ABSTAIN: None

1 **BOARD OF DIRECTORS COMMITTEE APPOINTMENTS**

2 Tony Williams noted on the committee appointments list that for the North Bay Water Reuse  
3 Authority committee, an alternate is not necessary as the General Manager can attend as the  
4 alternate. Director Eichstaedt said he was okay with being the alternate to Director Baker for that  
5 committee. Director Eichstaedt was added as an alternative for the NBWRA committee.

6 On the motion of Director Baker, seconded by Director Petterle, the Board accepted the  
7 proposed 2025 Board of Directors Committee Appointments, including the addition of Director  
8 Eichstaedt as NBWRA Alternate by the following vote:

9 AYES: Director(s) Baker, Joly, Eichstaedt, Fraites, and Petterle

10 NOES: None

11 ABSENT: None

12 ABSTAIN: None

13 **MINUTES**

14 On motion of Director Petterle, seconded by Director Baker, the Board approved the minutes  
15 from the December 3, 2024 meeting by the following vote:

16 AYES: Director(s) Baker, Eichstaedt, Fraites, Joly and Petterle

17 NOES: None

18 ABSENT: None

19 ABSTAIN: None

20 **GENERAL MANAGER'S REPORT**

21 Tony Williams said that he participated in an interview panel at the City of Petaluma for a  
22 new position there. They have restructured their public works department and have created a new  
23 Water Resources and Utilities Department and this position is for the head of that department.

24 Mr. Williams said that he met last week with Claire Garvie of Kiosk Communications to  
25 discuss the interviews that Kiosk has done with staff and the Directors in relation to the interim  
26 strategic plan. He said she will attend a future Board meeting to give a summation of the interviews.  
27 He said he will be meeting with her again later this week.

28 Mr. Williams gave a brief report on the storm event that occurred last weekend. He said  
29 there were significant power outages in all service areas. He said it is common to lose power in  
30 West Marin during storms, but power was also lost through most of Novato during this storm. Crews  
31 powered up the tanks and pump stations but later Saturday night there were some main line breaks.  
32 One of the breaks was a PG&E gas line and gas leaked into some water services. Currently, there  
33 are two commercial water services that have temporary water service due to the gas leakage. He  
34 mentioned that Jeff Watkins was on-call and was able to restore water but there were still some  
35 impacts. He said there was a second main break in the middle of the night, an AC main, that  
36 affected about 10 homes, some of which had major water damage to their homes. The on-call and

1 other crews were working on repairing the main break. He did say one good thing that came of the  
2 storm was that Lake Sonoma increased by 18,000 acre-feet and noted that Stafford started spilling  
3 Sunday morning.

4 Mr. Williams said that prior to the Board meeting he was in another meeting that discussed  
5 that another atmospheric river will be coming this weekend. The County OEM will call on Thursday  
6 to discuss potential impacts.

7 Jeff Corda spoke and said that during the prior weekend storm, all communication was down  
8 which made it very difficult for those working on the breaks. He said that Marin Water lost a  
9 treatment plant due to the outage and that Sonoma County lost communication as well. He said that  
10 our system held up pretty well. Pablo Ramudo added that in relation to the gas leakage issue, that  
11 Novato had its first 'do not drink' issued for the affected customers. He said we are doing rush  
12 testing to get an all clear and he will bring an update at a future meeting. Director Joly thanked Jeff  
13 and all those involved for their work during the storm. Julie Blue added that she is working with  
14 Chris Kehoe to make sure our insurance compensates the customers whose homes were affected  
15 by the flooding.

#### 16 **OPEN TIME**

17 President Joly asked if anyone in the audience wished to bring up an item not on the  
18 agenda.

19 Jeff Corda spoke to the Board, noting that he is the Chairman of the NMWD Employee  
20 Association. He said he is grateful the Board has taken into consideration salary increases. He  
21 said because the word has gotten out that we pay competitive wages due to these increases we  
22 have had many T2 certified applicants. He said in the 18 years he has worked at the District, the  
23 management group we currently have is the strongest we have had. He said it is refreshing to have  
24 projects getting done and to have everyone working together and more efficiently than ever before.  
25 He thanked the Board and management. The Board thanked Mr. Corda.

#### 26 **STAFF/DIRECTORS REPORTS**

27 President Joly asked if there were any staff or director's reports.

28 Director Eichstaedt thanked the employees involved for their service and response to the  
29 previous Saturday's storm events. He said he was contacted by a neighbor who had contacted  
30 Robert Clark about a leak on Balboa in West Marin and Mr. Clark got right back to him. He said the  
31 fire department heard about the leak and responded then alerted our on-call employee and that the  
32 District crew responded quickly to make repairs.

33 President Joly said, in reference to the Employee Association, that he feels the voters are  
34 happy with the Board.

35 President Joly inquired about the Admin & Lab Building project and asked if Eric Miller had  
36 an idea of when the first Board meeting would be held in the new building. Mr. Miller said he was

1 hesitant to give a possible date and that he hopes to have a more solid report at the next meeting,  
2 on January 21, 2025.

3 Director Eichstaedt asked if there was any update for the Lynwood Pump Station project.  
4 Mr. Miller responded that AT&T has acknowledged the District's inquiry into Site #12 (owned by  
5 AT&T), but that they are still processing the inquiry internally and that no official response has been  
6 provided. Mr. Miller said that he will report back when he has more definitive information. President  
7 Joly mentioned that the District website has the most current project information.

8 **ACTION CALENDAR**

9 **APPROVE: CONSTRUCTION CONTRACT – NMWD LOCKER ROOM REMODEL**

10 Eric Miller spoke and told the Board that the current locker room located in the Construction  
11 and Maintenance building is in a state of disrepair. Over the years it has had many 'fixes' done to try  
12 and maintain it. He said instead of continuing to perform 'band-aid' repairs, we have hired an  
13 architect who spoke with employees to understand their needs in the locker room. He said the  
14 budget placeholder last year was an estimate and that updated costs are nearer to \$250,000. He  
15 said that the bids received to remodel the locker room are competitive with each other and represent  
16 realistic costs. Director Eichstaedt asked about temporary facilities for the crews and Mr. Miller said  
17 there will be enhanced portable bathroom facilities provided during construction. He was asked  
18 what the accommodations would be for women should we have any on the crews and Mr. Miller said  
19 the doors are lockable to provide privacy. He also noted that we will have a shower and locker room  
20 in the new Admin & Lab building that can be used as well. President Joly said he thinks this is  
21 money well spent. He also asked if everyone on the crew provided input and Mr. Miller said 10 out  
22 of the 12 construction crew members provided feedback.

23 On the motion of Director Eichstaedt, and seconded by Director Petterle, the Board  
24 approved the Construction Contract for the NMWD Locker Room Remodel by the following vote:

25 AYES: Director(s) Baker, Eichstaedt, Fraites, Joly, and Petterle

26 NOES: None

27 ABSENT: None

28 ABSTAIN: None

29 **APPROVE: LAFCO APPLICATION SUBMITTAL – WEST MARIN SERVICE AREA**

30 **DETACHMENT**

31 Eric Miller said that this action item is a follow-up to the public meeting hosted by LAFCo  
32 back in October and that an application submittal to LAFCo is needed to officially process changes  
33 to the District's service territories in West Marin and Marshall. He said that one of our surveying  
34 consultants, Cinquini and Passarino, is preparing the official meets and bounds to include in the  
35 application submittal, and that the LAFCo Board will consider the territory adjustments at their  
36 regularly scheduled meeting in February. If approved by the LAFCo Board, he said that the State

1 Board of Equalization will likely make it official by the beginning of the next fiscal year. Mr. Miller  
2 said there will be no changes to the number of District customers as we do not currently provide any  
3 services to parcels in the areas proposed for removal from the District territories.

4 On the motion of Director Eichstaedt, and seconded by Director Petterle, the Board  
5 approved the LAFCo Application Submittal for the West Marin Service Area Detachment by the  
6 following vote:

7 AYES: Director(s) Baker, Eichstaedt, Fraités, Joly, and Petterle

8 NOES: None

9 ABSENT: None

10 ABSTAIN: None

11 **INFORMATION ITEMS**

12 **FY 2023/24 END OF YEAR PROGRESS REPORT – WATER QUALITY**

13 Pablo Ramudo summarized the Water Quality FY 2023/24 End of Year Progress Report and  
14 gave a presentation which focused on the regulatory changes that have occurred. There was some  
15 discussion regarding the lead and copper rule and he explained that several employees, as well six  
16 interns, Adrienne Johns, Juan Tres, Ani Ladd, Zoe Ladd, Neida Capetillo, and Will Obata, who were  
17 hired for the summer, have worked for many months checking every NMWD service to verify if there  
18 is a lead service line connecting the house to the meter. He said there are approximately 300  
19 services left to check. Mr. Ramudo recognized the District Construction Department, Pete  
20 Castellucci, Robert Pierce, Brandon Pirinjian, and Jeff Watkins, and noted that many of them  
21 worked overtime on weekends to complete the inspections on time. He also recognized Marc  
22 Reischmann, Jose Ochoa, and Susan Dove for their assistance in structuring the report. He  
23 recognized Rich Roberto who helped the interns locate services, Darrell Bynum for his help in doing  
24 most of the Pt. Reyes inspections, and Jenny Pecunia and Haylee DeMartini for their help in  
25 organizing the paper records. The Board thanked Mr. Ramudo and his staff as well as all the  
26 employees who assisted.

27 **NBWA MEETING – DECEMBER 6, 2024**

28 Director Fraités reported that the December 6, 2024 meeting was held at the Point Blue  
29 Conservation Science offices in Petaluma and that Dan Cayan, Research Meteorologist at the  
30 Scripps Institute of Oceanography at the University of California San Diego, spoke on climate  
31 change in the northern region and the changes in the coming decades. He said it isn't good news.  
32 He said 2023 was the warmest on record, and that the warming is due to greenhouse gases. He  
33 noted that precipitation may increase but more sporadically in California. He said, too, that the  
34 summer and early fall drying has intensified.

35 **MISCELLANEOUS**

36 The Board received the following miscellaneous items: Disbursements - Dated December 6,

1 and 12, 2024, Monthly Progress Report, Auditor-Controller's Monthly Report of Investments for  
2 October 2024, 2025 WAC/TAC Meeting Schedule, and Marin County Board of Supervisors – Staff  
3 Report re Certified Election.

4 The Board received the following newspaper articles: Marin IJ – Marin storms finally leave,  
5 replaced by frigid mornings – COUNTY DRENCHED.

6 The Board also received the NMWD Web and Social Media Report for November, 2024.

7 President Joly thanked the District Secretary and Mr. Williams for the holiday luncheon. He  
8 also noted that Robert Clark did a good job at the Novato Business Group Breakfast.

9 **ADJOURNMENT**

10 President Joly adjourned the meeting at 6:01 p.m.

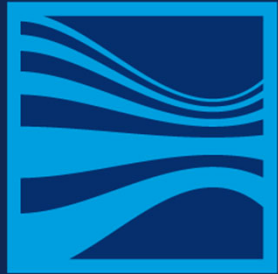
11 Submitted by

12  
13  
14 Eileen Mulliner  
15 District Secretary  
16  
17

DRAFT

2





# Sonoma Water

**Clean. Reliable. Essential. Every Day.**

## Water Transmission System Projects

North Marin Water District Board Meeting  
January 21, 2025

**Kent Gylfe**

Director of Engineering

[kent.gylfe@scwa.ca.gov](mailto:kent.gylfe@scwa.ca.gov)

    [sonomawater.org](http://sonomawater.org)



## Water is delivered from river to communities

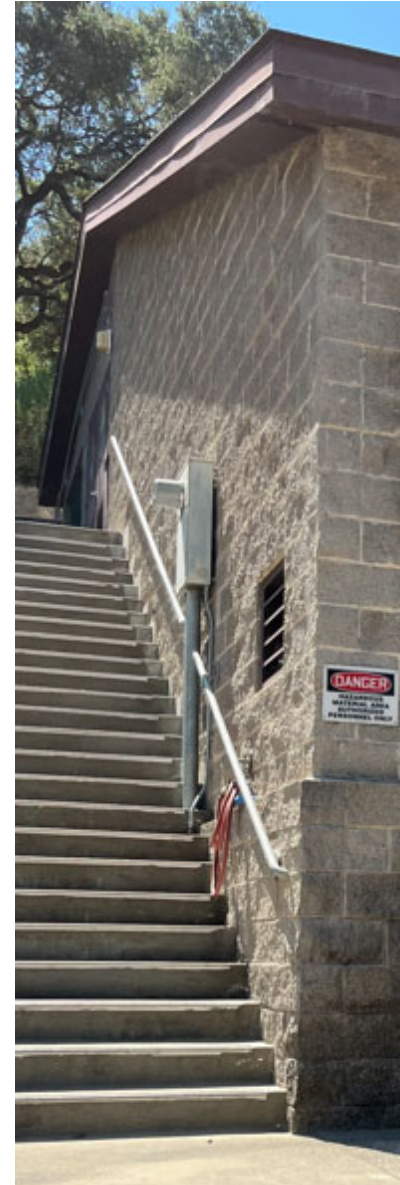
- Water Transmission System aqueducts deliver water to Santa Rosa, Rohnert Park, Cotati, Petaluma, Windsor, Sonoma Valley and Marin
- Serving homes and businesses to a population over 600,000



Capital Improvement Projects

O&M Projects

Planning Efforts





## Occidental Rd Well #3 Drilling and Activation

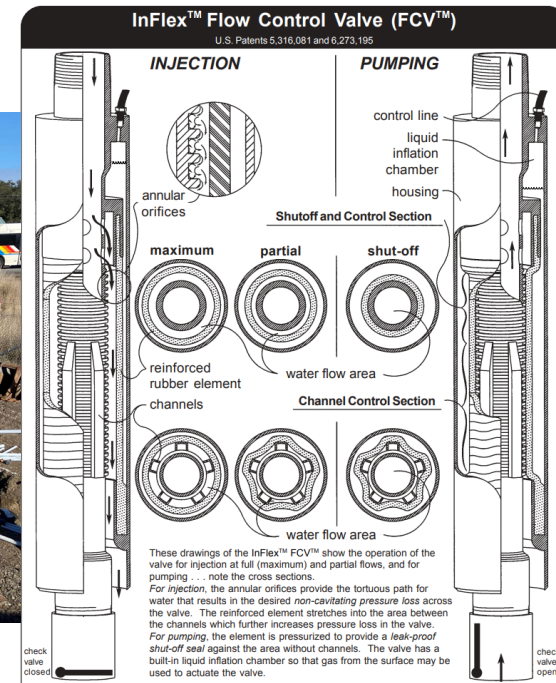
- Drilling project completed in April 2024
- Topside design delayed due to well development – advertised December 2024
- Substantial completion in October 2025
- Plan, permit, test and implement recharge components internally (2026)

*Santa Rosa Plain Wells Drought Resiliency  
Project awarded \$6.9M State Drought  
Relief Grant*



# Sebastopol Rd Well Activation

- Design completed and project advertised in Nov 2023
- Construction in progress with underground nearly complete
- Electrical equipt. delivery anticipated Feb 2025
- Well conditioning and cycling Spring/Summer 2025
- ASR pilot study through Oct 2025





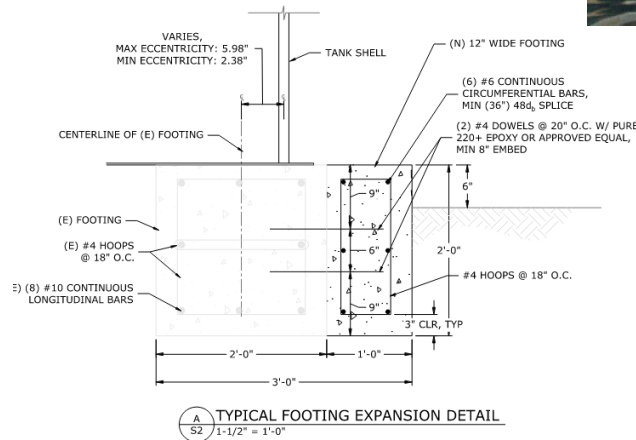
# Kastania Tank Recoat

- Project Goals
  - Recoat interior/exterior of tank
  - Replace cathodic protection
  - Seismic analysis/retrofits
  - Modifications to tank appurtenances
- Completed and back in service September 2024
- Fun fact – Kastania tank required roughly 6,850 gallons of paint to recoat – enough to paint an average 1500 ft<sup>2</sup> home 250 times



# Cotati #3 Recoat and Seismic Project

- 18MG tank – largest in system
- Bids received October 2024
  - Recoat interior/exterior of tank
  - Cathodic protection
  - Seismic retrofit of foundation
  - Modifications to tank appurtenances
- Award January 2025
- Construction anticipated Mar 2025 – Feb 2026

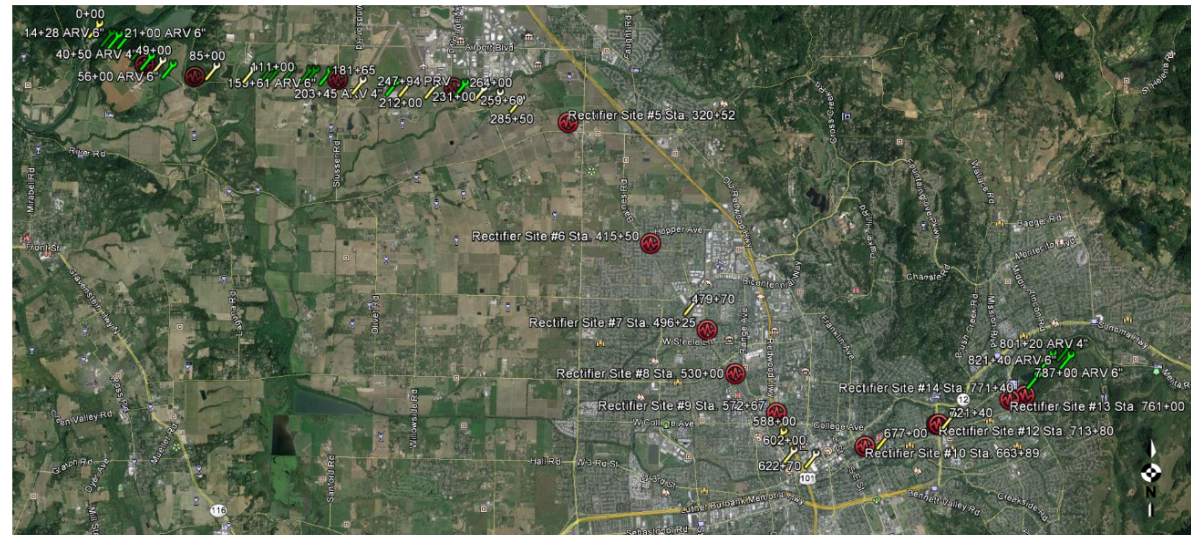




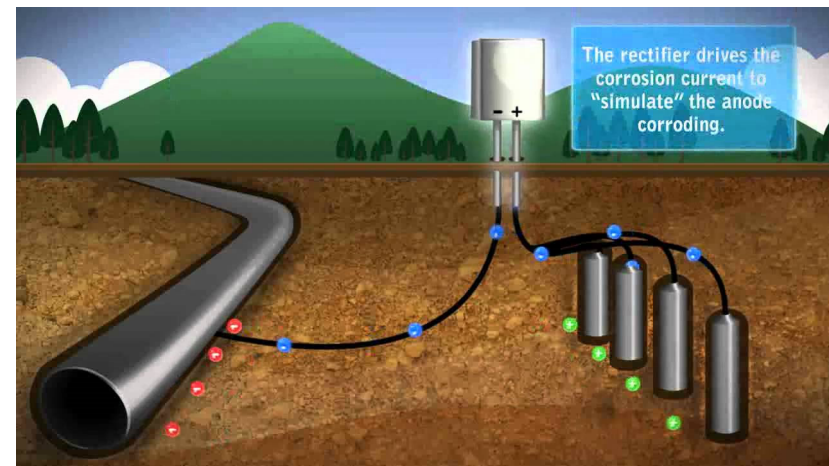
# Santa Rosa/Cotati Aqueduct Cathodic Protection

- Project split in 2 phases based on ease of R/W and permitting
  - Phase 1
    - 11 total rectifier/anode well sites
    - 11 CP stations
  - Phase 2 –
    - 20 total rectifier/anode well sites
    - 39 CP stations
- Significant coordination with PG&E
- Phase 1 design progressing with target advertise Mar 2025
- Phase 2 design to follow with target construction 2026

SANTA ROSA AQUEDUCT



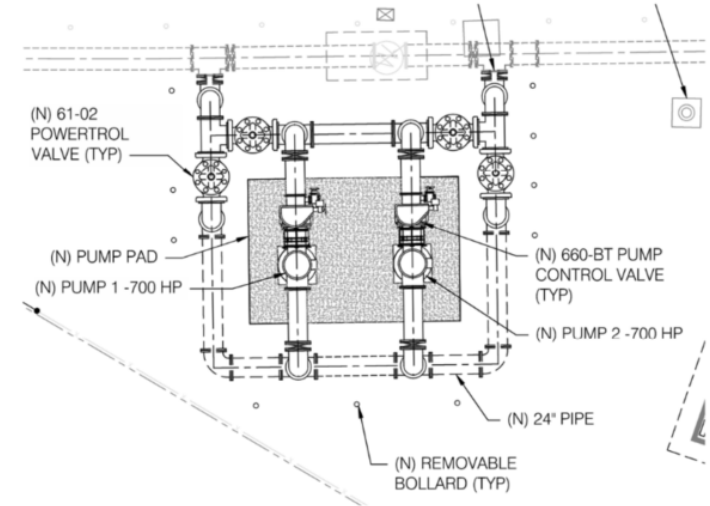
Proposed Rectifier      Proposed CTS – Excavation Required      Proposed CTS – No Excavation Required





# Wilfred Booster Electrical Upgrade

- Project includes
  - Replace electrical switchgear building and components
  - Add 2<sup>nd</sup> pump set and piping for reliability/resiliency
  - Capable of pumping north and south
- Electrical switchgear prepurchase in June 2024
- Advertise scheduled for May 2025

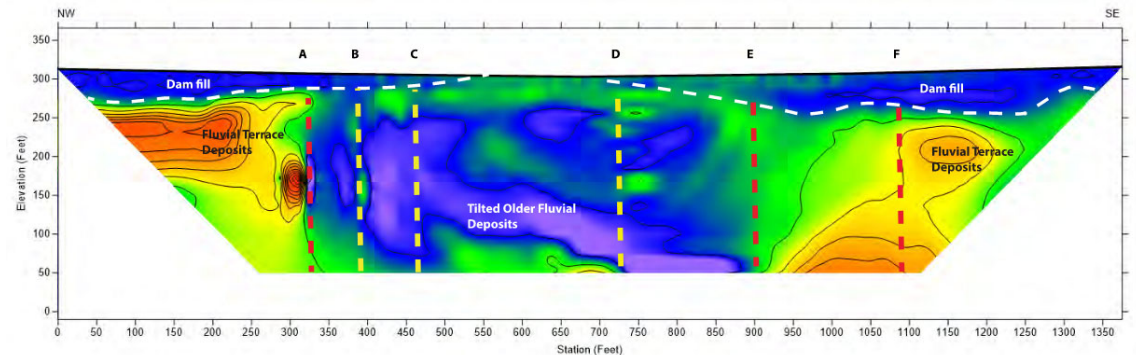


# Designs in Progress

- Bennett Valley Fault Crossing
  - Seismic resiliency pipeline project
  - 30% design complete with target advertise Summer 2025
- Treatment Modernization Upgrades
  - Preliminary feasibility completed Oct 2024
  - Multi-phase, multi-year project with Phase 1 design kicking off
- Wohler Demuth
  - Emergency storage facility
  - Design kicked off with target advertise Summer 2026
- Kawana-Ralphine-SBS Pipeline - Ph 1
  - In process of finalizing scope with consultant for phase 1 design, environmental, and right-of-way
  - Next phase will utilize recent easement acquisition through Southeast Greenway



Red = Primary fault trace Yellow = Secondary fault trace





# Tank Washout Inspections, Visual Inspections, and Condition Assessments

- Washout Inspections

- Ralphine 1, 2, 3 & 4
- Eldridge 1
- Sonoma 1&2
- Annadel 1 & 2
- Kawana 1
- Cotati 2 (in progress)
- Kawana 2 (FY 25/26)
- Eldridge 2 (FY 25/26)



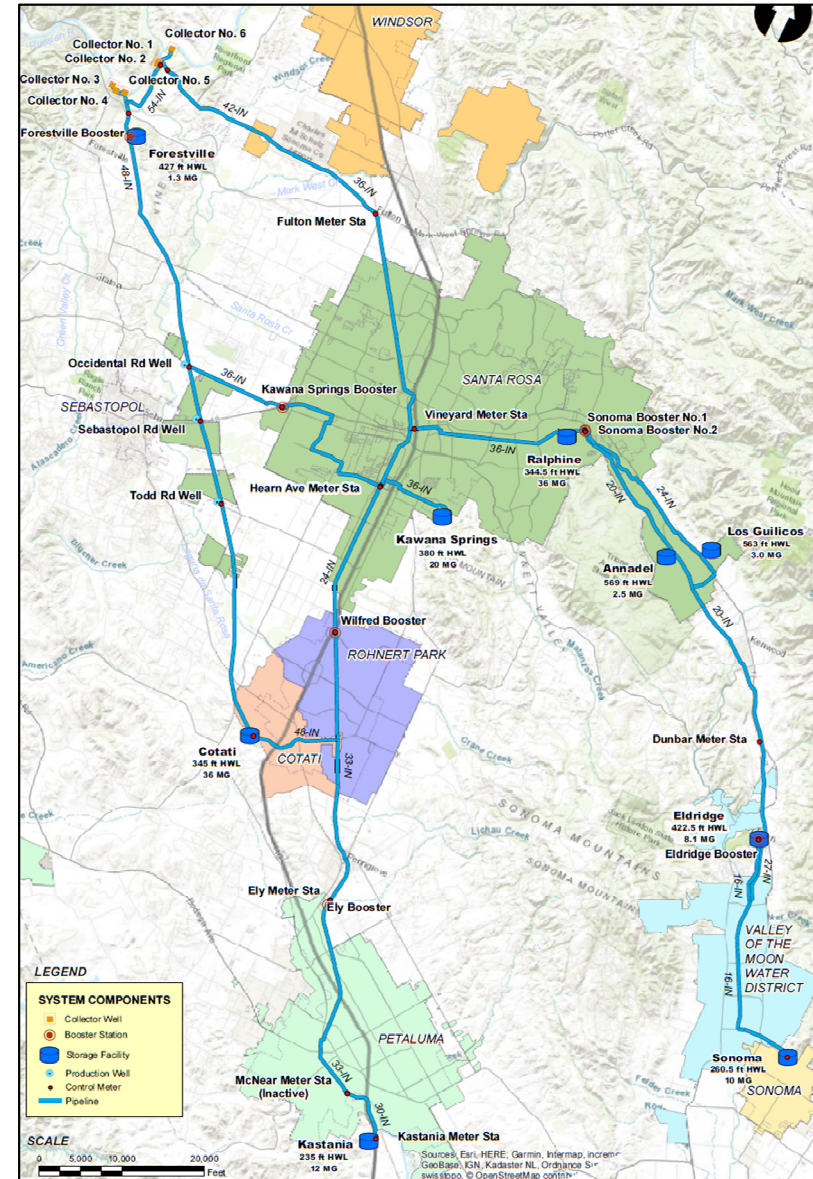
## 10 - Year Water Storage Tank Maintenance Agreement

	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29 <sup>(2)</sup>
<b>Tanks Inspected<sup>(3)</sup></b>	15	13	17	16	15	18	16
<b>Tanks Drained &amp; Cleaned</b>	5	4	2	2	0	5	5
<b>Coating Repairs (Internal &amp; External)</b>	3	6	2	2	0	0	0
<b>Minor Structural Repairs</b>	3	6	2	1	0	0	0
<b>Cathodic Protection Upgrades</b>	2	11	1	2	0	0	0
<b>Regulatory &amp; Safety Upgrades</b>	3	6	2	2	0	0	0
<b>Cost =</b>	\$1,146,900	\$1,598,150	\$1,429,457	\$1,400,548	\$340,348	\$695,680	\$515,681



# Comprehensive Master Plan

- Task 1 complete:
  - Water System Baseline
- FY24/25:
  - Task 2 – Water Demand Forecasting
  - Task 3 – Basis of Cost Information
  - Task 4 – Methodology for Project Prioritization
- FY25/26:
  - Task 5 – Generate Project Groupings
- FY26/27:
  - Task 6 – Compile Water System Master Plan





# DDW Sanitary Survey Inspection

- Comprehensive Sanitary Survey Inspection conducted on September 24th & 25th
- Attended by 10 DDW Staff members
- Staff inspected Sonoma Water Operations Room, SCADA System, all six collector wells, disinfection and corrosion control facilities, all 18 storage tanks, Todd Road Well and two booster pump stations.
- Deficiency findings: replace chlorine solution rotometer in Collector 6, minor rust and graffiti on five tanks, increase security on tank sites
- No findings on: pumps, system management and operation, monitoring and reporting, operator compliance with state requirements





**Sonoma  
Water**

**Questions?**

    [sonomawater.org](https://www.sonomawater.org)

3



**4**

**5**

6

**MEMORANDUM**

To: Board of Directors Date: January 21, 2025

From: Eric Miller, Assistant General Manager/Chief Engineer *EM*  
Tim Fuelle, Senior Engineer *TF*

Subject: Notice of Completion for Oceana Marin Wastewater Treatment and Storage Pond Repair Project (Argonaut Constructors)

R:\Folders by Job No\7000 jobs\7173 OM Pond Rehab-404 Grant\7173.02 Phase 2 -Construction\2. BOD Memos\2025 0121 Notice of Completion\2a-8.7173.02 Notice of Completion BOD memo.doc

**RECOMMENDED ACTION:** Authorize the General Manager to execute and file a Notice of Completion for the Oceana Marin Wastewater Treatment and Storage Pond Repair project

**FINANCIAL IMPACT:** None

Pursuant to and in conformance with contract requirements for the Oceana Marin Wastewater Treatment and Storage Pond Repair project, the contractor, Argonaut Constructors, has fulfilled their obligations under the contract. All work performed by Argonaut has been inspected by District staff, and corrections of all work deficiencies and punch list items have been completed. Argonaut's work was completed on October 28, 2024.

Per the contract documents, Argonaut has furnished written notice that the work is complete and that all subcontractors and equipment suppliers have been paid (Attachment 1). Argonaut has released the District of all claims. A Notice of Completion is provided as Attachment 2 which, if approved, will be filed with Marin County on January 24, 2025. Final payment (for monies held in retention) in the amount of \$79,705.20 will be processed for release, on or after February 24, 2025 subject to absence of any additional claims filed during the 30-day notice period.

Project Cost Summary

The Board approved award of the contract to Argonaut for \$1,495,900 for the Oceana Marin Wastewater Treatment and Storage Pond Repair project, along with a contingency amount of \$149,500, which represents approximately 10% of the base contract value. Total payment to Argonaut will be \$1,594,103.99 which is 6.6% above the base contract amount approved by the Board at the time of award.

The Project is partially funded (75%) by the Hazard Mitigation Grant Program sponsored by FEMA and partially funded (25%) by the required District local match.

RECOMMENDATION

Authorize the General Manager to execute and file the Notice of Completion for the Oceana Marin Wastewater Treatment and Storage Pond Repair project.

ATTACHMENTS:

1. Conditional Waiver Release and Certificate of Final Payment
2. Notice of Completion

## NORTH MARIN WATER DISTRICT CONDITIONAL WAIVER AND RELEASE ON FINAL PAYMENT

**NOTICE: THIS DOCUMENT WAIVES THE CLAIMANT'S LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS EFFECTIVE ON RECEIPT OF PAYMENT. A PERSON SHOULD NOT RELY ON THIS DOCUMENT UNLESS SATISFIED THAT THE CLAIMANT HAS RECEIVED PAYMENT.**

Name of Claimant: Argonaut Constructors, Inc.  
Name of Customer: North Marin Water District  
Job Location: Ocean View Blvd, Dillon Beach, CA

Job: Oceana Marin Wastewater  
Treatment and Storage Pond Repair  
Job No.: 8 7173.02  
Contract Dated: November 13, 2023

### Certification of Final Payment

With reference to said contract, as amended, between the undersigned contractor and the North Marin Water District (District), the undersigned hereby certifies and represents that it has made full payment of all costs, charges and expenses incurred by it or on its behalf for work, labor, services, materials and equipment supplied to the foregoing site and/or used in connection with its work under said contract.

The undersigned further certifies that to its best knowledge and belief, each of its subcontractors and materialmen has made full payment of all costs, charges and expenses incurred by them or on their behalf for work, labor, services, materials and equipment supplied to the foregoing site and/or used by them in connection with the undersigned's work under said contract.

### Conditional Waiver and Release

This document waives and releases lien, stop payment notice, and payment bond rights the claimant has for labor and service provided, and equipment and material delivered, to the customer on this job. Rights based upon labor or service provided, or equipment or material delivered, pursuant to a written change order that has been fully executed by the parties prior to the date that this document is signed by the claimant, are waived and released by this document, unless listed as an Exception below. This document is effective only on the claimant's receipt of payment from the financial institution on which the following check is drawn:

Maker of Check: North Marin Water District  
Amount of Check: \$79,705.20  
Check Payable to: Argonaut Constructors, Inc.

### Exceptions

This document does not affect any of the following:  
Disputed claims for extras in the amount of: \$

If none, write "NONE" in the space above. If the space above is left blank, it is interpreted that "NONE" is claimed. Any claims excepted must be described and the specific amount claimed must be set forth.

### Signature

The foregoing shall not relieve the undersigned of its obligations under the provisions of said contract, as amended, which by their nature survive completion of the work including without limitation, warranties, guarantees and indemnities.



\_\_\_\_\_  
Claimant's Signature

Cody Bedell - Project Manager  
\_\_\_\_\_  
Printed Name and Title of Claimant

1/06/25

\_\_\_\_\_  
Date of Signature

Distribution:  
Original: Contractor  
Copy: Job File

Consistent with  
Civil Code Section 8136

Posting requested by:

NORTH MARIN WATER DISTRICT

After Posting Time has Expired Mail To:

North Marin Water District  
P. O. Box 146  
Novato, CA 94948-0146

NORTH MARIN WATER DISTRICT  
NOVATO, CALIFORNIA

**NOTICE OF COMPLETION**

To: Marin County Clerk  
3501 Civic Center Dr., Rm 234  
San Rafael, CA 94903

Date: \_\_\_\_\_, 2025  
File No.: 8 7173.02  
Date of Completion: October 28, 2024

Owner: North Marin Water District  
999 Rush Creek Place  
Novato, CA 94947

**OWNER'S ESTATE OR INTEREST:**

Easement \_\_\_\_\_ Fee Title   X   Encroachment Permit \_\_\_\_\_  
Other (describe) \_\_\_\_\_

**CONTRACTOR:**

Argonaut Constructors, Inc  
360 Sutton Place  
Santa Rosa, CA 95407

**TITLE OF PROJECT:** Oceana Marin Wastewater Treatment and Storage Pond Repair

**DESCRIPTION OF PROJECT:** In general, the Work consists of but is not limited to excavation and grading of existing side slopes of the Treatment and Storage Ponds; installation of stabilization geotextile fabric, placement of riprap slope protection and miscellaneous pipe removal and replacement and valve installation.

**DESCRIPTION OF SITE (LOCATION):** near 55 Ocean View Blvd, Dillon Beach, CA

Final payment will be made to the above contractor on or after 35 days from the recording date of this notice of completion, except where otherwise provided for by law.

The undersigned under penalty of perjury says that he is the General Manager of the North Marin Water District, the public agency authorizing the work or improvement referred to in the foregoing notice of completion; that he has executed such notice of completion on behalf of such public agency and likewise makes this verification on behalf of said public agency pursuant to authority granted by the District's Board of Directors; and that he has read said notice of completion and knows the contents thereof and that the facts therein stated are true.

\_\_\_\_\_  
Anthony Williams, General Manager

**VERIFICATION**  
**STATE OF CALIFORNIA )**  
**COUNTY OF MARIN     )**

THE UNDERSIGNED, declares that he has read the foregoing notice, knows the contents thereof, and the same is true of his own knowledge. I certify under penalty of perjury that the foregoing is true and correct.

**SEAL:**

\_\_\_\_\_  
Anthony Williams, General Manager

\_\_\_\_\_  
Date and Place

Disposition:  
Original: County Recorder  
Copy: Contractor  
Copy: Project File

**7**



DRAFT MINUTES OF TECHNICAL ADVISORY COMMITTEE  
Utilities Field Operations Training Center  
35 Stony Point Road, Santa Rosa, CA  
December 2, 2024

ITEM #7

Attendees: Dan Herrera, City of Petaluma  
Jennifer Burke, City of Santa Rosa  
Tony Williams, North Marin Water District  
Mike Berger, City of Sonoma  
Cristina Goulart, Town of Windsor  
Vanessa Garrett, City of Rohnert Park  
Paul Sellier, Marin Municipal Water District  
Michelle Montoya, City of Santa Rosa

Staff/Alternates: Don Seymour, Sonoma County Water Agency (SCWA)  
Paul Piazza, SCWA  
Kent Gylfe, SCWA  
Alex Bodulow, SCWA  
Oriana Hart, City of Petaluma  
Christopher Pegg, City of Sonoma  
Cortney Bowser, City of Rohnert Park  
Peter Martin, City of Santa Rosa  
Lisa Cuellar, City of Santa Rosa  
Claire Nordlie, City of Santa Rosa

Public: Brenda Adelman, Russian River Watershed Protection Committee  
Bob Anderson  
Joy Eldredge, City of Napa  
Neil Hancock

1. Check In  
Chair Burke called the meeting to order at 9:03 a.m.
2. Public Comment  
None.
3. 2014 South Napa Earthquake – City of Napa Water System  
Joy Eldredge, City of Napa, presented.  
On Sunday, August 24, 2014, the South Napa Fault had a magnitude 6.0 earthquake. Napa has three major water sources, two local sources and then one connected to the state water project. At that time, the City of Napa had 51 employees, with 25,000 services for a population of 84,000. The City of Napa transmission and distribution system includes 12 Storage Tanks providing 30 Million Gallons (MG) of storage, 380 Miles of Pipeline – 42-inch to service laterals, 9 pump stations that serve 10% of population, 5 pressure zones, and 14 pressure regulating stations. Damage was primarily on the west side of Napa, in the Browns Valley area. The soils on that side are more clay and expansive, versus the east side which is rockier.  
There were cast iron pipes that broke, with 17 line breaks within a four block area. Day one the Emergency Operations Center (EOC) opened, the Department Operations Center (DOC) established at the corporation yard, and employees reported to work. During the day one damage assessment, it was determined that there were 60 water main breaks, confirmed dams and treatment plants were ok, troubleshooted why tanks were losing storage, assessed pump station needs including need for generators, and tracked leaks by spreadsheet. Some strategies implemented during day 1 included “FEED” the leaks to maintain positive system pressure, switched from 12 to 14 hour shifts, CalWARN offered

resources within one hour, called in four contractors as on-call emergency contracts, stockpiled backfill materials, set up potable water stations, issued a precautionary boil water notice, setup Bacti data spreadsheet, prepared leak packets which included maps and USA tags, and coordinated logistics including hotels and food for those crews that came in to assist. Day two saw 90 leaks confirmed, the ordering of repair materials, seven CalWARN crews arrived, three bacti samples plus one blank was done per location, and a cost estimate for damages began. Day three saw 100+ leaks confirmed, two more crews were ordered, day two bactis cleared and notifications sent out, contact made with area schools, and set a goal to complete priority work by Friday for the Labor Day holiday. Some lessons learned included the need to confirm customer call-ins, assign water "inspectors" to geographic areas to provide accurate information on leaks, develop a tracking and recording systems for leaks, control information, communicate clearly and often with Division of Drinking Water, pre-build potable water stations, organization of lab data and notifications, have more administrative support for record keeping, checking in and out of workers, and cost estimating, have shorter shifts, crews need to document each leak with photo, parts, and labor time, and join CalWARN. Overall, there were 200 leaks addressed within 100 days of the earthquake.

Tony Williams, North Marin Water District, asked about getting all AC pipe out of system and asked if the Water enterprise have its own emergency manager position.

Joy Eldredge, City of Napa, answered that they have a 36 inch right now, and have typically only seen breaks in swampy area, but are now starting to see breaks in residential areas. The breaks show it is time to remove the remaining AC pipe and the focus will be on residential areas first. The City of Napa does not have its own emergency manager position, but the duty of that role typically falls to Director or Deputy Director.

Vanessa Garrett, City of Rohnert Park, asked what the team looked like that got out customer information.

Joy Eldredge, City of Napa, answered said they worked through the City of Napa, with the Mayor and City Manager, to get word out to the public. Also, by day three, the GIS map system had leak information available.

Paul Sellier, Marin Municipal Water District, asked if they had an emergency response plan (ERP) and if, as a result of 2014, if there anything else she would like to see done.

Joy Eldredge, City of Napa, answered that they do have an ERP and staff do take National Incident Management System (NIMS) training.

Peter Martin, City of Santa Rosa, asked if there were any pump stations or reservoirs that sustained lasting damage.

Joy Eldredge, City of Napa, answered that there was one pump station that fed one tank did fail, but they still had one working pump that served the area.

Dan Herrera, City of Petaluma, asked about risk resiliency and the use of earthquake sensors.

Joy Eldredge, City of Napa, said for her efforts she would rather put reliability and redundancy into their Supervisory Control and Data Acquisition (SCADA) and communications.

Kent Gylfe, SCWA, asked if their ERP has been updated since this event or if they updated the document from what was learned.

Joy Eldredge, City of Napa, answered that it has not been updated, just documented in ways like these presentations and information sharing.

Jennifer Burke, City of Santa Rosa, asked if they determined if they needed additional staff going forward based on this experience and the leaks that happened up to six months later, how much of a fight with FEMA was it to get reimbursement for those repairs. Also, were there issues with the 214 forms or could you use records of timecards and pictures. Regarding communication and the need for information right away, how did they deal with council members and suggestions.

Joy Eldredge, City of Napa, said no new staff were added as a result, including no emergency manager position. They did get reimbursed from FEMA, but it was a battle and they had to provide lots of documentation. The one thing that they did apply for and had

denied, were pipe replacements in the four or five areas that had pipes with multiple breaks in one area. They did do the 214 forms and had to keep up with it, as FEMA would not accept other documentation. As for communication with council members, the City Manager should be managing the situation and providing information, including helping them understand the process.

**No public comment.**

4. Water Supply Conditions and Temporary Urgency Change Order

Don Seymour, SCWA, presented.

The recent storms had a significant impact on the Russian River water supply condition. Lake Sonoma had 32,000 acre-ft of inflow, bringing it to 254,000 acre-ft which is just shy of the water supply pool that is authorized by the minor deviation. If it goes above that, the Army Corps. of Engineers will start making releases. Lake Mendocino had 15,000 acre-ft of inflow, bringing it to 62,000 acre-ft. The watershed is fully saturated now, so any additional precipitation will translate to runoff into our reservoirs. For Lake Sonoma, the water that had been released since last May was recovered with this storm.

The Temporary Urgency Change Order was approved October 31, 2024, and based on storage in Lake Mendocino, the Russian River is in a normal water supply condition and will be reassessed January 1, 2025.

Jennifer Burke, City of Santa Rosa, asked if there was any damage due to flooding from the atmospheric river.

Don Seymour, SCWA, replied there was no damage on the water supply side.

Kent Gylfe, SCWA said Sonoma Water faired really well on the sanitation side as well.

**No public comment.**

5. Sonoma Marin Saving Water Partnership

a. 2024 Water Production Relative to 2013 Benchmark

Jennifer Burke, City of Santa Rosa, presented.

October 2024 compared to 2013 shows that the partnership's usage is down 19%, with the year- date- showing a 22% savings.

b. Water Use Efficiency Messaging

Paul Piazza, SCWA, presented.

The Fall/Winter outreach campaign is focusing on seasonal reminders such as reducing irrigation, fall planting season for natives, taking advantage of water saving rebates, and checking for leaks ahead of sewer-averaging months. For social media, Nextdoor postings are averaging 24,510 impressions with an average of 16 interactions per post. The Eco-Friendly Garden tour signups are ending. There are 25 applications so far, and all of them are new to the tour.

**No public comment.**

6. Items for Next Agenda

Jennifer Burke, TAC Chair, reminded everyone to let her know if new WAC or TAC members are appointed.

**No public comment.**

7. Check Out

Chair Burke adjourned the meeting at 10:19 am.

8

**DISBURSEMENTS - DATED DECEMBER 19, 2024**

Date Prepared 12/16/24

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
EFT*	US Bank	November Bank Analysis Charge (Lockbox \$912 & Other \$528 Less Interest \$316)	\$1,124.30
90799*	NMWD/FSA Payment	Fund Flexible Spending Bank Account for 2025	38,500.00
1	ADTS, Inc.	Annual Random Testing (15 Employees)	1,335.00
2	Alameda Electrical Dist. Inc	Wire (1500') (\$501) & Pipe Fittings	780.96
3		Retiree Exp Reimb (Dec Health Ins)	1,417.18
4	Argonaut Constructors Inc.	Prog Pymt#6: Oceana Marin Treatment & Storage Pond Rehabilitation Project (Balance Remaining on Contract \$0)	271,634.44
5	Asbury Environmental Services	EPA Antifreeze Disposal Fee	7.00
6	Associated Right of Way Services	Prog Pymt#17: Valuation Services for Lynwood Pump Station (Balance Remaining on Contract \$34,890)	287.50
7	AT&T	Leased Lines	63.14
8	Automation Direct	Pressure Transmitters (4)	516.47
9	AWWA CA-NV SEC	Cross Connection Specialist Certification Renewal (Kurfirst)	125.00
10	Badger Meter	2" Meters (4)	3,217.12
11	Bank of Marin	Bank of Marin Loan Principal & Interest - Aqueduct Energy Efficiency Project (Pymt 158 of 240)	46,066.67
12	Bay Alarm Company	Quarterly Fire Alarm Monitoring Fee (1/1/25-3/31/25) (STP)	338.19
13	Bay Area Crane Service, LLC	Crane Truck Services (Replace Pump Motor @ STP)	2,300.00
14	Bay Blinds	Blinds (Admin Office/Yard Refurbish)	1,358.12

Seq	Payable To	For	Amount
15	Bold & Polisner	November Legal Fees-General (\$2,970) & NMWD Portion Potter Valley FERC (\$270)	3,240.00
16	Brady Industries	Rain Gear for Construction & Safety Supplies	650.30
17		Retiree Exp Reimb (Dec Health Ins)	488.01
18	California Water Service	November & December Water Service	66.72
19		Retiree Exp Reimb (Dec Health Ins)	548.98
20		Retiree Exp Reimb (Dec Health Ins)	548.98
21	The Climate Registry	Annual Membership (Clark) (1/25-12/25)	825.00
22	Comcast	December Internet (Buck Institute)	359.81
23	Consolidated CM	Prog Pymt#44: Construction Management Services for Admin Building Project (Balance Remaining on Contract \$87,142)	18,521.50
24	Core Utilities, Inc	IT Services for Admin Building/Lab (\$2,700), November IT Support (\$6,000) , SCADA & PLC Support (\$1,325) & CORE Billing Maintenance	10,075.00
25	Core & Main	Coupling	353.72
26	CWEA	Lab Analyst Grade 2 Renewal (12/24-12/25) (Reischmann)	350.00
27	Deleon, Albertina	Refund Overpayment on Open Account	899.18
28	Diesel Direct West	Diesel (448 gal) (\$2,042) & Gasoline (689 gal) (\$2,552)	4,594.16
29	Ditch Witch West	Ignition Switch ('19 Ditch Witch)	57.41
30	Durkin Signs & Graphics	Fabrication/Installation - Signs & Address Numbers (\$9,948) (Admin Building Renovation), Logos & Numbers for Fleet Vehicles (\$1,041)	10,989.38
31	Electrical Equipment Co	Motor Starters for Winged Foot Pump Station	1,725.15
32	E & M	Lynwood Pump Station Power Module Upgrade (Balance Remaining on Contract \$115,486)	37,748.31
33	Ferguson Waterworks	5/8" Registers (20) (\$4,257) Less Credit for Returned Registers (-\$3,193)	1,064.38





Seq	Payable To	For	Amount
34	Foliart, Roberta	Novato "Cash for Grass" Rebate Program	708.00
35	Forevergreen Landscape and Maintenance	Planting & Drip Lines in Bio Planter at Admin Building	2,439.00
36	Grainger	Rectangle Bars (8) (\$346), Aeration Pump for Inverness Park (\$1,546), Rubber Boots (2) (\$349), Miscellaneous Maintenance Tools & Supplies	4,413.13
37	Green Point Nursery	Replacement Trees & Shrubs (San Marin Pump Station)	3,897.00
38	Howden USA Co	Replacement Foam Filter Elements (2) (STP)	459.05
39	InfoSend, Inc.	November Processing Fee for Water Bills (\$1,302), Postage (\$4,580) & Monthly Support Fee (\$956)	6,837.46
40		Retiree Exp Reimb (Dec Health Ins)	548.98
41	Kiosk Creative LLC	Engineering Webpage Updates & Improvements	7,955.00
42		Retiree Exp Reimb (Dec Health Ins)	548.98
43		Retiree Exp Reimb (Dec Health Ins)	1,417.18
44	Mallory Safety and Supply LLC	Calibration Gas for Gas Monitors (STP)	594.24
45		Retiree Exp Reimb (Dec Health Ins)	548.98
46	Marin County Ford	Service Parts ('22 Ranger, '24 F250, '19 F150, '08 F250 & '20 F250)	1,241.96
47	County of Marin	To Renew Annual Permit with County of Marin	490.00
48	McMaster-Carr Supply Co	Steel Angles (2)	59.56
49	Mountain Engineering	Refund Security Deposit on Hydrant Meter Less Final Bill	638.61
50	Mutual of Omaha	December 2024-Life Insurance & Vision	2,337.14
51	North Bay Children's Center	Release of Performance Guarantee for North Bay Children's Center	107,438.00
52	North Bay Children's Center	Refund Excess Advance Over Actual Job Cost	86,887.26
53	Novato, City of	Encroachment Permit (21 Kristy Ct)	849.16

Seq	Payable To	For	Amount
54	Novato Sanitary District	September 2024 RW Operating Expense	17,317.96
55	ODP Business Solutions, LLC	Toner (2)	92.94
56	Pace Supply	2" Air Valve (Crest Pump Station)	797.47
57	Pacific Coast Petroleum, Inc	Hydraulic Oil (10 gal) (STP)	141.44
58	Perry, Brian	Refund Overpayment on Closed Account	92.94
59	Peterson Trucks	Motor Starter ('15 Int'l 5 Yd Dump Truck)	479.21
60	Pacific Gas & Electric Co	Power: Bldgs/Yard (\$2,805), Other (\$243), Pumping (\$59,146), Rect/Cont (\$603) & TP (\$137)	62,934.57
61	Point Reyes Prop Mgmt Assn	December HOA Fees (25 Giacomini Rd)	75.05
62	RA Automotive Software	Annual Software for Auto Check Inspection	600.00
63	Roy's Sewer Service	Sewer Line Video (STP)	250.00
64		Retiree Exp Reimb (Dec Health Ins)	548.98
65	Soiland Co., Inc.	Rock (34 yds) (\$1,038) & Asphalt Recycling (5 yds)	1,203.68
66	Sonoma County Water Agency	November Contract Water	636,885.47
67	SPG Solar Facility XII, LLC	November Energy Delivered Under Solar Services Agreement	8,026.81
68	Staples Advantage	Calendars & Misc Office Supplies	127.89
69	State Water Resources Control	D2 (Kurfirst) & D3 Certification Renewal (Davenport)	200.00
70	State Water Resources Control	Annual Permit Fees 07/01/24-06/30/25 - Gallagher Ranch Streambank Station (\$563), San Mateo Tank Transmission (\$563), Oceana Marin (Sanitary Sewer Overflow \$3,945 & Operations \$28,205), Stafford Lake Pesticide Algae Control (\$3,630), & Novato Potable Discharges (\$3,806)	40,712.00
71	SwiftComply US OpCo, Inc.	Backflow Prevention Software (1/25-12/25)	3,379.00
72	Township Building Services	November Janitorial Service (Yard - \$1,198 & STP - \$381)	1,579.21



Seq	Payable To	For	Amount
73	Uline	Milk Crates (4) & 40" Cable Ties (175 lbs)	500.98
74	US Bank	November Safekeeping Treasury Securities	176.75
75	Verizon Wireless	SCADA & AMI Collectors (\$650)	1,117.04
76	Vulcan Materials Company	Pea & Sand (16 yds)	1,072.01
77	West America Bank Facilities	Refund - Not Our Customer	198.75
78	ZORO	Waterproofing Sealant for Vault (\$510), Rod, Circuit Breakers (6), Lithium Jump Starter (\$401), Building Wire (1,500') (\$360) & Solenoid Valves (2) (\$358)	1,790.99
<b>TOTAL DISBURSEMENTS</b>			<b><u>1,790.99</u></b>
			<b><u>\$1,472,786.91</u></b>

The foregoing payroll and accounts payable vouchers totaling \$1,472,786.91 are hereby approved and authorized for payment.

	<u>12/18/24</u>
Auditor-Controller	Date
	<u>12/18/24</u>
General Manager	Date

## DISBURSEMENTS - DATED DECEMBER 24, 2024

Date Prepared 12/23/24


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 12/15/24	\$215,130.48
90800*& 90801*	Internal Revenue Service	Federal & FICA Taxes PPE 12/15/24 & Sick Leave Buyback	91,394.35
90802*& 90803*	State of California	State Taxes & SDI PPE 12/15/24 & Sick Leave Buyback	25,042.95
90804*	CalPERS	Pension Contribution PPE 12/15/24	54,618.16
90806*	Nationwide	Deferred Compensation PPE 12/15/24	16,223.90
90807*	Nationwide	Deferred Compensation 12/15/24 401A Match	2,831.62
90808*	US Bank Card	Job Postings (3) (\$1,832), Internet for PRTP & Gallagher Well #2, Zoom for Board Meetings, GFOA Webinars (3), AWWA Reference Books (2), Calibration Cup Seal & Collar, Engineering Training (\$1,195), Retirement Book, Microsoft Monthly Subscriptions & Computer Supplies (\$3,821)	8,591.28
90805*	Amazon Invoices	Office Supplies, Computer Supplies (\$1,693), Automotive Relay & Socket Parts Kit, Office Supplies & Concrete Mixing Mats (4) (\$447)	2,450.72
1	100 Wood Hollow	January 2025 Rent for Wood Hollow	44,602.82
2	American Family Life Ins	December 2024 Employee Paid Benefit	4,070.55
3	ARB Inc	Refund Security Deposit on Hydrant Meter Less Final Bill	222.04
4	Baker, Jack	Exp Reimb: ACWA Conference in Palm Desert 12/03-12/05 - Lodging, Airfare & Transportation	1,403.83
5	Bay Alarm Company	Service Call/System Inspection (999 Rush Creek Place)	215.00
6	Mulliner, Eileen	Exp Reimb: Frames for Retirement Resolutions	21.99

Seq	Payable To	For	Amount
7	Buck Institute	January 2025 Rent for Lab Space @ Buck	13,584.00
8	Calmels, Suzanne	Novato "Smart Irrigation Controller" Program	235.41
9	The Chlorine Institute	Annual Dues (1/1/25-12/1/25)	915.00
10	C.J. Brown & Company, CPAs	November Progress Billing Financial Statement Audit FY23/24	3,440.00
11	Dickson	Pressure Data Logger, Software & Cable for Cross Connection Control	769.45
12	Diesel Direct West	Gasoline (704 gal) (\$2,670) & Diesel (441 gal) (\$2,049)	4,719.14
13	Enterprise FM Trust	Monthly Leases for Nissan Rogues (2), Nissan Frontier, F-150's (8), F-250's (4), Ford Rangers (6), Chevy Bolts (2), Chevy Colorado & Nissan Leaf	70,497.54
14	ERS Industrial Services Inc	Replacement Filter Media for PRTP	80,250.00
15	Freyer & Laureta, Inc.	Prog Pymt #10: 2024 Master Plan Update (Bal Rem on Contract \$371,141)	4,265.00
16	GFOA	Certificate of Achievement Review FY 23/24	460.00
17	Grainger	Rubber Boots (3) (\$524), Bed Side Tool Box ('23 Ford Ranger) (\$742), Sump Pump (\$282), Miscellaneous Maintenance Tools & Supplies	1,756.30
18	Heritage Park	Refund Security Deposit on Hydrant Meter Less Final Bill	708.19
19	Kiosk Creative LLC	November Marketing Communication & Outreach Services (Balance Remaining on Contract \$48,909)	4,214.57
20	Lincoln Life Employer Serv	Deferred Compensation PPE 12/15/24	8,874.49
21	Luhmann, Diana	Novato "Toilet Rebate" Program	100.00
22	Marin County Tax Collector	Annual Hazardous Inventory Permits (STP-\$3,962, PRTP-\$386 & OMTP-\$357)	4,705.00
23	Mutual of Omaha	January 2025 Group Life Insurance Premium (\$1,528) & Vision (\$810)	2,337.77
24	Yves Nixon	Refund Overpayment on Open Account	800.00

Seq	Payable To	For	Amount
25	Nommsen, Jessica	Exp Reimb: T2 Certification Renewal	60.00
26	ODP Business Solutions, LLC	Office Supplies	60.53
27	Pace Supply	2" Repair Clamps (4)	204.15
28	Rasmussen, James	Refund Overpayment on Closed Account	20.40
29	Schweig, Rishi	West Marin "Toilet Rebate" Program	100.00
30	Scott Technology Group	December Monthly Maintenance on Engineering, Admin Copiers & Contract Overage	423.81
31	Thomas Scientific	Endo Ampoules (50) (Lab)	67.86
32	USA BlueBook	Carboys with Handles - 4 gallons (2)	352.35
33	US Postal Service	Meter Postage	1,500.00
34	Vulcan Materials Company	Pea & Sand (17 yds)	1,080.61
		<b>TOTAL DISBURSEMENTS</b>	<b><u>1,080.61</u></b>
			<b><u>\$673,321.26</u></b>

The foregoing payroll and accounts payable vouchers totaling \$673,321.26 are hereby approved and authorized for payment.


12/23/24  
 Auditor-Controller Date


12/23/24  
 General Manager Date



## **DISBURSEMENTS - DATED DECEMBER 31, 2024**


Date Prepared 12/30/24


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:

<u>Seq</u>	<u>Payable To</u>	<u>For</u>	<u>Amount</u>
1	100 Wood Hollow	January 2025 Operating Expenses	\$6,767.06
2	Comcast	December Internet (100 Wood Hollow)	371.97
3	Fisher Scientific	Brushes (5) & Pipette Tips (400) (Lab)	154.17
4	Freyer & Laureta, Inc.	Prog Pymt#11: Master Plan Update (Balance Remaining on Contract \$370,687)	453.33
5	Home Depot	Reducer Bushing & 14" Light Fixture	129.96
6	International Fire Inc.	Annual Fire Extinguisher Service	2,000.00
7	Lucky Diamond LLC	Dirt Removal from Back Lot (100 Loads)	34,500.00
8	County of Marin	Encroachment Permit (8190 Binford Rd, Novato)	736.20
9	McPhail Fuel Company	Propane Fuel for O.M. Generator (277 gal)	1,149.68
10	MG WEST	Design, Project Management & Delivery for Furniture (Common Areas, Admin & Lab) (Balance Remaining on Contract \$5,882)	16,371.86
11	Miller, Eric	Exp Reimb: Marin County Filing Fee for CEQA Notice of Exemption for District's Territorial Adjustment in Coordination with LAFCO	56.50
12	Pace Supply	Elbows (49) (\$993), Caps (8), Accessory Sets (16) (\$1,072), Couplings (4) (\$2,807), Flanges (12) (\$1,116), Hydrant Extensions (8) (\$1,106), Nipples (41) (\$1,034), 6" PVC Pipe (400') (\$6,592), Plugs (30), Corp Stops (20) (\$1,510), Tapping Sleeve (\$914), Service Saddles (3), Polyguard Tape (24 rolls) (\$2,680) & Eyewash Valve Repair Kit (STP) (\$550)	20,733.48
13	Peterson Trucks	Mirror Assembly (\$619) & Battery Box Cover (\$241) ('06 Int'l Crew Truck)	859.86

Seq	Payable To	For	Amount
14	Thomas Scientific	Membrane Filters for Coliform Testing (\$362), Tryptic Soy Broth, Agar, Brilliant Green Bile Broth & Bottle Brushes (2) (Lab)	743.11
15	Univar	Sodium Hypochlorite (732 gal) (\$2,660) (STP, PRTP & RWF) & Potassium Permanganate (110 lbs) (PRTP) (\$937)	3,596.70
16	USA BlueBook	Lamp Assembly (Lab) & Turbidity Standard (\$329) (STP)	540.56
17	VWR International LLC	Tryptic Soy Broth & Turbidimeter Kits (3) (\$354) (Lab)	443.13
<b>TOTAL DISBURSEMENTS</b>			<b><u>443.13</u></b>
			<b><u>\$89,607.57</u></b>

The foregoing payroll and accounts payable vouchers totaling \$89,607.57 are hereby approved and authorized for payment.


12/30/24  
 \_\_\_\_\_  
 Auditor-Controller Date


12/30/24  
 \_\_\_\_\_  
 General Manager Date

## DISBURSEMENTS - DATED JANUARY 9, 2025

Date Prepared 1/6/25

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
90809*	CalPERS	January 2025 Health Insurance Premium (Employer \$60,827, Retirees \$13,493 & Employees \$10,499)	\$84,819.85
1	Alpha Analytical Labs	Lab Testing	106.00
2	Asbury Environmental Services	Used Oil Disposal Fee	137.00
3	Backflow Distributors	Backflow Assembly Test Kit Less Discount for Trade In of Old Gauge (\$1,066), Backflow Assemblies (13, 3/4" - \$3,933, 1, 1"- \$333) & 20" Backflow Freeze Bags (10) (\$777)	6,109.83
4	Brady Industries	Rain Gear	248.11
5	Buck's Saw Service	Yard Tool Service Parts & Fuel	180.07
6	Building Supply Center	Nipples (4), Concrete (23-60 lbs bags) & Lumber	275.21
7	B.W.S. Distributors	Safety Gloves (60) (Construction)	248.56
8	Cohen, Saul	Refund Overpayment on Open Account	1,075.14
9	Core & Main	Elbows (2), Nipples (50) (\$570), Couplings (6) (\$352), 8" Tee (\$483) & Blind Flange	1,585.47
10	California Sanitation Risk Mgmt	Oceana Marin Liability Insurance (12/31/24- 12/31/25)	2,679.44
11	Cummings Trucking	Rock (120 yds) (\$1,852) & Sand Deliveries (31 yds) (\$742)	2,594.20
12	Dell Computers	Replacement Computers - Admin (2)	2,174.76
13	Direct Line Inc	December Telephone Answering Services	302.32
14	Fisher Scientific	Test Tubes for Coliform Testing (50) (Lab)	141.06
15	Frontier Communications	Leased Lines	1,791.33
16	Frontier Communications	January Internet (STP)	640.00



Seq	Payable To	For	Amount
17	Arthur J. Gallagher Risk Management Services LLC	Insurance Renewal Adjustment ('24 F150 & '25 Nissan Rogue)	731.00
18	GHD Inc.	Prog Pymt#5: Construction Management Services for Crest Pump Station Project (Balance Remaining on Contract \$68,360)	19,055.07
19	Grainger	Ratchet/Socket Set (\$308), Miscellaneous Maintenance Tools & Supplies	1,452.38
20	Integrity Shred LLC	Document Shredding (2-64 gal)	300.00
21	Kaiser Foundation Health Plan	DMV/DOT Physical	115.00
22	Nave Motors	Smog Checks ('14 F150, '12 F250 & '99 F350)	249.50
23	New Pig Corporation	Storm Drain Filters (2) (STP)	174.44
24	Noll & Tam Architects	Prog Pymt#42: Architecture & Engineering Services for Admin Headquarters Upgrade (Balance Remaining on Contract \$43,067)	11,863.75
25	North Marin Auto Parts	Service Parts ('13 Vac Excavator & Trailer, '23 Ford Ranger) (\$334), Miscellaneous Maintenance Tools & Supplies	744.83
26	Novato Builders Supply	Concrete & Rebar	263.61
27	Novato, City of	Annual Encroachment Permit	6,568.00
28	Pace Supply	2" Copper Pipe (200') (\$5,370), PVC Pipe (200') (\$457), Bushings (14) (\$387), Caps (10), Couplings (39) (\$765), Nipples (60), Angle Meter Stops (6) (\$2,839), Valves (11) (\$5,083), Clamps (200) (\$744) & Elbows (8)	16,035.14
29	Radin, Melisa	Refund Over Payment on Open Account	1,115.26
30	Redwood Health Services, Inc.	December 2024 Dental Claims & Fees Expense	7,269.32
31	Ryan, Stephen	Refund Excess Advance Over Actual Job Cost	1,850.00
32	Soiland Co., Inc.	Rock (34 yds)	1,019.18
33	Sonoma-Marin Arborists Inc	Tree Removal Services (2) (Winged Foot Tank)	14,865.00
34	Thomas Scientific	Beaker, Test Tube Brushes (2), Agar, Nutrient Agar, Culture Tube (500), Sulfuric Acid (6), Syringes (200) & Phosphate Buffer (Lab)	630.78



Seq	Payable To	For	Amount
35	Verizon Wireless	December Cellular Charges	1,564.92
36	Verizon	SCADA & AMI Collectors (\$650)	1,116.84
37	VWR International LLC	Bottle Cap (Lab)	5.87
38	Waste Management	Waste Removal	100.68
39	Winzer Corporation	Miscellaneous Hardware	669.88
40	ZORO	Light Fixtures (2), Rotating Plug & Control Transformer for Telemetry Equipment	566.43
<b>TOTAL DISBURSEMENTS</b>			<b><u>566.43</u></b>
			<b><u>\$193,435.23</u></b>

The foregoing payroll and accounts payable vouchers totaling \$193,435.23 are hereby approved and authorized for payment.

Julie Blue 01/07/2025  
 Auditor-Controller Date

[Signature] 01/07/2025  
 General Manager Date

## DISBURSEMENTS - DATED JANUARY 16, 2025

Date Prepared 1/13/2025

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 12/31/24	\$199,439.52
90810*	Internal Revenue Service	Federal & FICA Taxes PPE 12/31/24	99,087.79
90811*	State of California	State Taxes & SDI PPE 12/31/24	22,644.46
90812*	CalPERS	Pension Contribution PPE 12/31/24	53,784.06
90813*	Nationwide	Deferred Compensation-457 PPE 12/31/24	16,009.84
90814*	Nationwide	Deferred Compensation 12/31/24-401A Match	2,914.90
1	Able Tire & Brake	Tire Disposal Fee	14.25
2	Alpha Analytical Labs	Lab Testing	3,221.00
3	ARV Assisted Living Inc.	Novato "Toilet Rebate" Program (129 total)	12,900.00
4	Backflow Distributors	6" Stainless Steel Backflow Assembly (Reduced Pressure Deer Island Recycled Water Facility)	5,514.27
5	Bender & Co Inc, Matthew	2025 Water Codes (Vol 23 - \$1,171 & Vol 10 - \$991)	2,162.22
6	Boucher Law, PC	08/2024-11/2024 Employment Law Matters	3,310.06
7	Brady Industries	Safety Gloves (60)	224.50
8	CA Dept of Tax and Fee Admin.	State Sales & Use Tax 1/2024-12/2024	3,391.00
9	California Water Efficiency Partnership	Membership Dues (Grisso) (1/25-12/25) (Budget \$4,190)	4,111.87
10	Caltest Analytical Laboratory	Lab Testing (Oceana Marin Sewer)	125.30
11	Comcast	January Internet (1250 Lynwood Dr)	223.92
12	Comcast	January Phone Services (Wood Hollow, Buck Institute, Yard & STP)	1,578.23
13	Comcast	January Internet (Yard)	1,573.35


Seq	Payable To	For	Amount
14	DataTree	December Subscription of Parcel Data	100.00
15	Diesel Direct West	Diesel (150 gal) (\$738) & Gasoline (796 gal) (\$3,170)	3,908.21
16	Durkin Signs & Graphics	Sign "End of Lindsay Court" w/ NMWD Logo	228.18
17	E & M	Lynwood Pump Station Power Module Upgrade (Balance Remaining on Contract \$109,486)	6,000.00
18	Enterprise FM Trust	Monthly Leases - Nissan Rogues (2), Nissan Frontier, F-150's (9), F-250's (4), Ford Rangers (6), Chevy Bolts (2), Chevy Colorado & Nissan Leaf	16,483.27
19	D.L. Falk Construction, Inc.	Prog Pymt#28: Admin & Lab Building Upgrades (Balance Remaining on Contract \$519,841)	128,640.52
20	D.L. Falk Construction Escrow Acct	5% Retainer: DL Falk Construction-CA Bank of Commerce-Admin Bldg & Lab Upgrade	6,770.55
21	Ferguson Waterworks	Plugs (3), Nuts (400) (\$426), Nipples (6), Tees (10), 10" Meter (\$12,670) & Neptune 360 Annual Fee (\$41,940)	55,456.46
22	Fiserv/Bastogne Inc.	Return Payment-Not Our Customer	456.26
23	Fisher Scientific	Sterility Tape (Lab)	67.12
24	Friedman's Home Improvement	Safety Gloves, Tie Wire, Compact Blower & Reciprocating Saw	396.36
25	G3 Engineering, Inc.	Replacement Seals for Sluice Gate @ Pond Reclaim Pump Valve Pit	1,169.86
26	Grainger	Miscellaneous Tools & Supplies	1,010.20
27	Idexx Laboratories	Colilert Media for Recycled Water Testing (\$4,138) & Coli Comparator (Lab)	4,168.85
28	InfoSend, Inc.	December Processing Fee for Water Bills (\$1,415), Postage (\$4,286) & Monthly Support Fee (\$1,068)	6,768.47
29	Integra Clear Co.	Dechlorination Tablets (15) (35 lb Buckets) (For Flushing Mains & Service Breaks)	9,791.21
30	Department of Labor and Industries Washington	Quarterly Washington Worker's Comp Premium for Employee Working Remotely	22.38


Seq	Payable To	For	Amount
31	Lincoln Life Employer Serv	Deferred Compensation PPE 12/31/2024	29,912.89
32	McMaster-Carr Supply Co	Battery Terminal Connectors (18), Ratchet Load Binder & Steel Sheets (2 - 12" x 24") (\$370)	697.85
33	North Bay Gas	Carbon Dioxide (2) & Nitrogen (STP)	134.14
34	Northbay Nissan	Switch Assembly ('16 Nissan Frontier) (\$377), Programming & Replacement Key ('21 Nissan Frontier) (\$543)	920.86
35	NMWD Employee Association	NMWD Employee Association Dues (10/15/24-12/31/24)	1,470.00
36	Pace Supply	Couplings (21) (\$519), Caps (4), Meter Flanges (8) (\$357), Elbows (2) (\$336) & Flange Spools (2) (\$882)	2,115.44
37	Pape Machinery Inc.	Toggle ('15 JD Skip Loader)	110.40
38	Parkinson Accounting Systems	December Accounting Software Support & Maintenance Subscription Mini-Mas Warehouse Inventory Software (2/1/25-7/31/25) (\$1,000)	1,097.50
39	Peterson Trucks	Service Parts ('15 Int'l Dump Truck)	1,011.30
40	Pini Hardware	Miscellaneous Maintenance Tools & Supplies	1,001.86
41	Recology Sonoma Marin	December Trash Removal	662.98
42	RoadSafe Traffic Systems, Inc.	Double Check Detector Assembly Tags (200)	1,218.56
43	Sabah International	Prog Pymt#4: Security & Access Control Hardware & Install for Admin & Lab Building Upgrades (Balance Remaining on Contract \$28,835)	23,704.00
44	United Parcel Service	Delivery Services: Cord for Recertification (STP)	21.51
45	US Bank	December Safekeeping Treasury Securities	141.50
46	VWR International LLC	Nitrate, Fluoride, Lithium Standards & Autoclave Tape (Lab)	158.01
47	Watersmart Software Inc.	November Monthly Transaction Fee	69.17



Seq	Payable To	For	Amount
48	Williamson, Matthew	Exp Reimb: D3 Exam Fee	100.00
		<b>TOTAL DISBURSEMENTS</b>	<b><u>\$738,216.41</u></b>

The foregoing payroll and accounts payable vouchers totaling \$738,216.41 are hereby approved and authorized for payment.


01/14/2025  
 Auditor-Controller Date


01/14/2025  
 General Manager Date



**NORTH MARIN WATER DISTRICT**  
**MONTHLY PROGRESS REPORT FOR DECEMBER 2024**  
 January 21, 2025

1.

**Novato Potable Water Prod - SW & STP Combined - in Million Gallons - FYTD**

Month	FY24/25	FY23/24	FY22/23	FY21/22	FY20/21	25 vs 24 %
July	264.8	218.6	224.5	282.9	341.7	21%
August	252.9	230.9	235.9	212.4	290.1	10%
September	237.7	212.4	203.5	214.5	225.6	12%
October	237.2	197.0	191.6	198.5	307.8	20%
November	166.5	145.7	137.4	94.1	201.6	14%
December	137.9	121.6	106.6	137.1	183.0	13%
<b>FYTD Total</b>	<b>1,297.1</b>	<b>1,126.2</b>	<b>1,099.5</b>	<b>1,139.5</b>	<b>1,549.7</b>	<b>15%</b>

**West Marin Potable Water Production - in Million Gallons - FY to Date**

Month	FY24/25	FY23/24	FY22/23	FY21/22	FY20/21	25 vs 24 %
July	8.9	7.1	6.3	6.0	8.2	25%
August	8.7	7.5	6.8	5.7	9.2	17%
September	7.9	6.7	6.3	5.9	7.9	18%
October	7.6	6.4	5.7	5.1	6.7	20%
November	5.7	5.0	4.6	3.5	5.8	13%
December	5.1	4.2	4.3	4.0	5.1	22%
<b>FYTD Total</b>	<b>43.9</b>	<b>36.8</b>	<b>34.1</b>	<b>30.2</b>	<b>42.9</b>	<b>19%</b>

**Stafford Treatment Plant Production - in Million Gallons - FY to Date**

Month	FY24/25	FY23/24	FY22/23	FY21/22	FY20/21	25 vs 24 %
July	0.0	67.0	56.3	67.0	105.8	-
August	0.0	98.3	67.9	31.3	81.1	-
September	0.0	112.6	57.8	41.7	16.1	-
October	0.0	109.4	54.0	28.2	7.7	-
November	0.0	21.8	30.0	0.0	0.6	-
December	0.0	0.0	0.0	0.0	0.0	-
<b>FYTD Total</b>	<b>0.0</b>	<b>409.1</b>	<b>266.0</b>	<b>168.1</b>	<b>211.3</b>	<b>-</b>

**Recycled Water Production\* - in Million Gallons - FY to Date**

Month	FY24/25	FY23/24	FY22/23	FY21/22	FY20/21	25 vs 24 %
July	54.6	31.0	43.1	42.9	39.0	76%
August	50.1	34.8	41.6	41.4	43.2	44%
September	41.0	26.1	29.2	39.6	29.5	57%
October	28.9	22.4	24.7	18.3	22.8	29%
November	11.4	3.6	5.1	0.8	10.9	216%
December	3.9	0.4	0.3	0.3	0.2	791%
<b>FYTD Total*</b>	<b>189.9</b>	<b>118.4</b>	<b>144.0</b>	<b>143.4</b>	<b>145.6</b>	<b>60%</b>

\*Excludes potable water input to the RW system: FY25=3.1, FY24=13.8MG, FY23=10.8 MG FY22=10 MG; FY21=24.7 MG

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**2. Regional and Local Water Supply**

**Lake Sonoma**

	Current	2023
Lake Storage*	90,332 MG	76,449 MG
Supply Capacity	109 %	92 %

\*Normal capacity = -245,000 AF (79,833.5 MG); deviation storage pool of 264,000 AF (86,025 MG)

**Lake Mendocino**

	Current	2023
Lake Storage *	28,988 MG	20,169 MG
Supply Capacity	111 %	77 %

\*Normal capacity = 70,000-110,000 AF (22,800-35,840 MG); FIRO pool 26,000-36,170 MG

### 3. Stafford Lake Data

	December Average	December 2024	December 2023
Rainfall this month	5.35 Inches	6.98 Inches	6.48 Inches
Rainfall this FY to date	9.95 Inches	14.43 Inches	9.87 Inches
Lake elevation*	184.19 Feet	197.1 Feet	182.4 Feet
Lake storage**	647 MG	1,477 MG	565 MG
Supply Capacity	46 %	106 %	40 %

\* Spillway elevation is 196.0 feet (NGVD29)

\*\* Lake storage less 390 MG = quantity available for normal delivery

### Temperature (in degrees)

	Minimum	Maximum	Average
December 2024 (Novato)	33	71	58
December 2023 (Novato)	31	68	58.5

### 4. Number of Services

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December 31	Novato Water			Recycled Water			West Marin Water			Oceana Marin Sewer		
	FY25	FY24	Incr %	FY25	FY24	Incr %	FY25	FY24	Incr %	FY25	FY24	Incr %
Total meters installed	21,030	21,007	0.1%	104	102	2.0%	809	801	1.0%	-	-	-
Total meters active	20,881	20,857	0.1%	102	100	2.0%	800	794	0.8%	-	-	-
Active dwelling units	24,098	24,096	0.0%	-	-	-	837	838	-0.1%	240	236	1.7%

### 5. Oceana Marin Monthly Status Report

Description	December 2024	December 2023
Effluent Flow Volume (MG)	.932	.572
Irrigation Field Discharge (MG)	.195	.469
Treatment Pond Freeboard (ft)	Empty	7.0
Storage Pond Freeboard (ft)	3.8	11.5

### 6. Safety/Liability

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Industrial Injury with Lost Time				Liability Claims Paid	
Lost Days	OH Cost of Lost Days (\$)	No. of Emp. Involved	No. of Incidents	Incurred (FYTD)	Paid (FYTD) (\$)
FY 24/25 through Dec	0	\$0	0	0	\$0
FY 23/24 through Dec	1	\$368	1	1	\$7,754
<b>Days since lost time accident through December 31, 2024</b>			<b>532</b>	<b>Days</b>	

(1) Vehicle damage by NMWD valve cap & Claim settlement (planter Driveway repair)

## 7. Energy Cost

FYE		December			Fiscal Year-to-Date thru December		
		kWh	¢/kWh	Cost/Day	kWh	¢/kWh	Cost/Day
FY 24/25	Stafford TP	23,528	24.3¢	\$184	302,172	23.9¢	\$392
	Pumping	99,418	39.9¢	\$1,280	875,722	40.4¢	\$1,967
	Other <sup>1</sup>	27,220	45.5¢	\$400	199,674	48.8¢	\$541
		150,167	38.5¢	\$1,864	1,377,568	38.0¢	\$2,900
FY 23/24	Stafford TP	25,788	23.6¢	\$196	357,775	23.3¢	\$453
	Pumping	83,751	32.8¢	\$917	788,983	33.9¢	\$1,468
	Other <sup>1</sup>	26,119	40.0¢	\$348	194,439	39.8¢	\$425
		135,658	32.5¢	\$1,461	1,341,197	31.9¢	\$2,347
FY 22/23	Stafford TP	25,996	22.9¢	\$192	326,774	22.2¢	\$394
	Pumping	86,272	28.1¢	\$807	764,667	28.2¢	\$1,192
	Other <sup>1</sup>	25,728	33.7¢	\$289	206,704	32.3¢	\$369
		137,996	28.1¢	\$1,288	1,298,145	27.3¢	\$1,955

<sup>1</sup>Other includes West Marin Facilities

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## 8. Water Conservation Update

	Month of December 2024	Fiscal Year to Date	Program Total to Date
High Efficiency Toilet (HET) Rebates	5	20	4,564
Retrofit Certificates Filed	18	115	7,033
Cash for Grass Rebates	2	10	1,099
Washing Machine Rebates	0	12	6,947
Water Smart Home Survey	0	11	3,949

## 9. Utility Performance Metric

### December 2024 Service Disruptions

SERVICE DISRUPTIONS (No. of Customers Impacted)	December 2024	December 2023	Fiscal Year to Date 2024	Fiscal Year to Date 2023
<b>PLANNED</b>				
Duration Between 0.5 and 4 hours	10	2	35	87
Duration Between 4 and 12 hours	0	0	0	0
Duration Greater than 12 hours	0	0	0	0
<b>UNPLANNED</b>				
Duration Between 0.5 and 4 hours	28	0	60	31
Duration Between 4 and 12 hours	0	0	27	82
Duration Greater than 12 hours	2	0	2	0
<b>SERVICE LINES REPLACED</b>				
Polybutylene	3	2	14	36
Copper Replaced or Repaired	7	0	21	23

### December 2024 Service Disruptions

Planned: For the month of December, we had 10 planned service disruptions.

Plastic: 3 plastic service replacements on Adele St, Paradise Ct, and Wildwood Ln.

Copper: 7 copper service replacements on Ash Ct, Farvue Rd, Linda Ct, Hawthorn Terrace, and Bahama Reef.

Unplanned: We had a 6" AC main break on Feliz Rd that affected 28 customers and a gas/water leak on Lamont Ave. where we had to isolate our water main until water quality testing was complete.

**10. Summary of Complaints and Service Orders – December 2024**

<b>Tag Breakdown:</b>					
<b>Total:</b>	<b>158</b>	<b>Consumer:</b>	<b>77</b>	<b>Office:</b>	<b>81</b>
<b>Type</b>	<b>Dec-24</b>	<b>Dec-23</b>	<b>Added Notes</b>		
<b>Billing</b>					
High Bill	7	2			
<b>Total</b>	<b>7</b>	<b>2</b>			
<b>Meter Replacement</b>					
<b>Total</b>	<b>26</b>	<b>7</b>			
<b>Need Read</b>					
<b>Total</b>	<b>1</b>	<b>9</b>			
<b>No-Water</b>					
<b>Total</b>	<b>4</b>	<b>2</b>			
<b>Leak</b>					
Consumer	61	36			
District	13	5			
<b>Total</b>	<b>74</b>	<b>41</b>			
<b>Check Pressure</b>					
<b>Total</b>	<b>1</b>	<b>2</b>			
<b>Turn Off / On</b>					
<b>Total</b>	<b>26</b>	<b>22</b>			
<b>Other</b>					
<b>Total</b>	<b>19</b>	<b>7</b>			
<b>TOTAL FOR MONTH:</b>	<b>158</b>	<b>92</b>	<b>72%</b>		
<b>Bill Adjustments Under Board Policy:</b>					
<b>December 24 vs. December 23</b>					
Dec-24	19	\$11,278			
Dec-23	19	\$5,330			
<b>Fiscal Year vs Prior FY</b>					
FY 24/25	181	\$65,700			
FY 23/24	99	\$26,714			

**Customer Service Questionnaire Quarterly Report**

**Quarter Ending** 12/31/2024



NMWD

	Response				Response		
<b>Water Quality</b>	Agree	Neutral	Disagree	<b>Pressure</b>	Agree	Neutral	Disagree
Courteous & Helpful	0	0	0	Courteous & Helpful	3	0	0
Accurate Information	0	0	0	Accurate Information	3	0	0
Prompt Service	0	0	0	Prompt Service	3	0	0
Satisfactorily Resolved	0	0	0	Satisfactorily Resolved	3	0	0
Overall Experience	0	0	0	Overall Experience	3	0	0
	0	0	0		15	0	0
<b>Leak</b>	Agree	Neutral	Disagree	<b>Noisy Pipes</b>	Agree	Neutral	Disagree
Courteous & Helpful	25	1	0	Courteous & Helpful	0	0	0
Accurate Information	24	0	1	Accurate Information	0	0	0
Prompt Service	25	0	0	Prompt Service	0	0	0
Satisfactorily Resolved	23	2	0	Satisfactorily Resolved	0	0	0
Overall Experience	24	1	0	Overall Experience	0	0	0
	121	4	1		0	0	0
<b>Billing</b>	Agree	Neutral	Disagree	<b>Other</b>	Agree	Neutral	Disagree
Courteous & Helpful	0	0	0	Courteous & Helpful	4	0	1
Accurate Information	0	0	0	Accurate Information	4	0	0
Prompt Service	0	0	0	Prompt Service	4	0	0
Satisfactorily Resolved	0	0	0	Satisfactorily Resolved	4	0	1
Overall Experience	0	0	0	Overall Experience	4	0	1
	0	0	0		20	0	3



<b>Customer Service Questionnaire Quarterly Report</b>		
<b>Quarter Ending : 12/31/2024</b>		
<b>Customer Comments</b>	<b>Staff Response to Negative Comments</b>	<b>Issues NMWD Should Address In The Future</b>
<b>PRESSURE</b>		
Very good, I learned a lot.		
Great service and a quick response. The tech was a nice guy.		
<b>LEAK</b>		
I need to know how to apply for a bill adjustment for the leak I had.	The District's Receptionist called and left a voicemail with information on how to submit a Bill Adjustment Request.	
Travis provided excellent information, So did Rich as we talked a few times on the phone. Thank you.		
I was very pleased that the tech on site invited me to observe and kindly answered my questions.		
Thank you so much for your help and information.		
Great service and great people.		
Staff member was very personable and had good knowledge of leak detection. His visit made me think more highly of the whole NMWD operation.		
Rich gave me a detailed explanation of how much water each sprinkler used. Travis came and checked for leaks and found none. He had been here once before. He was right on time and is extremely nice and patient. Thank you!		
Thank you for helping to alert me to this leak.		
We always have great service and good experiences with NMWD. Thank you so much.		
Your staff was super nice and helpful. They answered all of my questions and dropped off dye tabs at my house for me.		
The representative was very courteous, helpful as well as prompt.		
Rich was very helpful in addressing our concerns. He sent Gina out and she found the problem. Amazing team!		
Rich was very helpful and I appreciate his time going through my irrigation and plumbing system.		
Someone was sent out the same day to help me and I got a call after with helpful guidance for fixing this leak.		
Excellent Service, Thank You!		
In the past when I had a water leak they came out to my home and left a tag. This time I did not and received an \$850 water bill. I thought I had it resolved then my pressure valve failed.		
Very thoughtful young man.		
The staff was prompt and explained how to assess if there was a toilet leak with the tablets provided.		Notify the customers before billing if there is high volumes of water being used.
<b>OTHER</b>		
Great service with a smile.		
My bill is sky high as I have not had access to recycled water this year which is what I have used in my garden to offset my use of tap water for my pool.	District Receptionist forwarded this questionnaire to the Billing Department supervisor who reviewed account details and decided that no follow up was needed.	
The staff was very helpful and had good knowledge.		
Great men, Thank you.		
Both techs were outstanding and great employees. They represent NMWD well. I hope they get a Christmas bonus.		



**MEMORANDUM**

To: Board of Directors

January 21, 2025

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

Subj: Auditor-Controller's Monthly Report of Investments for November 2024  
t:\acl\word\invest\24\investment report 0924.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 \$25,980,372 and a market value of \$26,019,051. During November the cash balance decreased by \$1,045,047. The market value of securities held decreased \$1,035,153 during the month. The total unrestricted cash balance at month end was \$1,017,898 and 78% of the Target Reserves are funded.

At November 30, 2024, 72% of the District's Portfolio was invested in California's Local Agency Investment Fund (LAIF), 20% in Time Certificates of Deposit, 4% in the Marin County Treasury, and 4% retained locally for operating purposes. The weighted average maturity of the portfolio was 79 days, compared to 70 days at the end of October. The LAIF interest rate for the month was 4.48%, compared to 4.52% the previous month. The weighted average Portfolio rate was 4.22%, compared to 4.16% for the prior month.

Investment Transactions for the month of November are listed below:

11/6/2024	US Bank	LAIF	\$500,000	Trsf to LAIF account
11/7/2024	Popular Bank	US Bank	\$247,000	CD Maturity
11/7/2024	US Bank	American Express Natl Bank	\$245,000	Purchase 4.0% TCD due 11/6/26 - Semi-Annual Pay
11/12/2024	US Treasury	US Bank	\$5,018,262	Treasury bill Matured
11/14/2024	US Bank	LAIF	\$5,000,000	Trsf to LAIF account
11/19/2024	LAIF	US Bank	\$500,000	Trsf from LAIF account
11/22/2024	Alabama CU	US Bank	\$248,000	CD Maturity
11/26/2024	US Bank	Bank of Hapoalim	\$245,000	Purchase 4.1% TCD due 11/23/26 - Semi-Annual Pay
11/27/2024	LAIF	US Bank	\$200,000	Trsf from LAIF account

**ATTACHMENTS:**

1. Monthly Report of Investments – November 2024

**NORTH MARIN WATER DISTRICT  
AUDITOR-CONTROLLER'S MONTHLY REPORT OF INVESTMENTS  
November 30, 2024**

Type	Description	S&P Rating	Purchase Date	Maturity Date	Cost Basis <sup>1</sup>	11/30/2024 Market Value	Yield <sup>2</sup>	% of Portfolio
<b>LAIF</b>	State of CA Treasury	AA-	Various	Open	\$18,765,951	\$18,804,629	4.48% <sup>3</sup>	<b>72%</b>
<b>Time Certificate of Deposit</b>								
TCD	Community West Credit Union	n/a	12/19/22	12/19/24	249,000	249,000	4.78%	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%
TCD	Raiz Federal Credit Union	n/a	5/11/23	5/12/25	248,000	248,000	4.85%	1%
TCD	Hughes Federal Credit Union	n/a	6/29/23	6/30/25	248,000	248,000	5.25%	1%
TCD	Farmers Ins Credit Union	n/a	1/18/24	1/20/26	249,000	249,000	4.50%	1%
TCD	Eagle Bank	n/a	2/21/24	2/23/26	244,000	244,000	4.60%	1%
TCD	Bank of America	n/a	2/22/24	2/23/26	244,000	244,000	4.65%	1%
TCD	Pacific Premier	n/a	3/15/24	3/16/26	244,000	244,000	4.75%	1%
TCD	Valley National Bank	n/a	4/9/24	4/9/26	244,000	244,000	4.70%	1%
TCD	Wells Fargo Nat'l Bank	n/a	6/11/24	6/11/26	248,000	248,000	5.10%	1%
TCD	First Merchant Bank	n/a	6/28/24	6/29/26	244,000	244,000	4.80%	1%
TCD	BMW Bank NA	n/a	7/9/24	7/13/26	244,000	244,000	4.70%	1%
TCD	Israel Disc Bk Ny	n/a	9/13/24	9/14/26	245,000	245,000	4.00%	1%
TCD	Ally Bank Sandy Utah	n/a	10/3/24	9/28/26	245,000	245,000	3.80%	1%
TCD	Utah First Fec CR UN Salt Lake	n/a	10/18/24	10/19/26	249,000	249,000	4.00%	1%
TCD	American Express Nat'l Bank	n/a	11/7/24	11/6/26	245,000	245,000	4.00%	1%
TCD	Bank of Hapoalim NY	n/a	11/26/24	11/23/26	245,000	245,000	4.10%	1%
					<b>\$5,163,000</b>	<b>\$5,163,000</b>	<b>4.63%</b>	<b>20%</b>
<b>Other</b>								
Agency	Marin Co Treasury	AAA	Various	Open	\$1,055,755	\$1,055,755	1.57%	4%
Other	Various	n/a	Various	Open	995,667	995,667	0.06%	4%
<b>TOTAL IN PORTFOLIO</b>					<b>\$25,980,372</b>	<b>\$26,019,051</b>	<b>4.22%</b>	<b>100%</b>

Weighted Average Maturity = **79 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.

<sup>1</sup> Original cost less repayment of principal and amortization of premium or discount.

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

<sup>3</sup> Earnings are calculated daily - this represents the average yield for the month ending November 30, 2024.

<b>Interest Bearing Loans</b>	Loan Date	Maturity Date	Original Loan Amount	Principal Outstanding	Interest Rate
Marin Country Club Loan	1/1/18	11/1/47	\$1,265,295	\$1,003,036	1.00%
Marin Municipal Water - AEEP	7/1/14	7/1/32	\$3,600,000	\$1,458,848	2.71%
Employee Housing Loan	Various	Various	550,000	550,000	Contingent
<b>TOTAL INTEREST BEARING LOANS</b>			<b>\$5,415,295</b>	<b>\$3,011,884</b>	

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



**MEMORANDUM**

To: Board of Directors

Date: January 21, 2025

From: Julie Blue, Auditor/Controller *JB*

Subject: Annual Report on Board Compensation

T:\AC\Board Reports\Board Memos\2025\Annual Report on Board Compensation\Annual Report on Board Compensation 2025.docx

**RECOMMENDED ACTION:** None – Information Only

**FINANCIAL IMPACT:** \$40,795 Expense – Calendar Year 2024

To comply with the requirements of Assembly Bill No. 2040 and Assembly Bill 1234, the District prepares a yearly report of the annual compensation and expense reimbursements paid to each Board member. This report is a summary of compensation and expense reimbursements paid in calendar year 2024. Assembly Bill No. 2040 requires special districts to annually report, and post on its website, the annual compensation of its elected officials. Assembly Bill No. 1234 requires special districts to disclose the reimbursements made to its elected officials. Within this memo, compensation is categorized in the following manner:

1. Regular and Special Board Meetings
2. Advisory Committees, Councils, and Forums:
  - a. North Bay Watershed Association
  - b. Sonoma County Water Agency (SCWA) – Water Advisory/Technical Advisory Committee
3. Ad-hoc Committee Meetings – Water Management Ad-hoc Committee & West Marin Services Ad-hoc Committee
4. Community Events and Other Meetings
5. Expense Reimbursement

The following compensation and reimbursements meet the guidelines established by District policy and have been paid to the individual Board members.

<b>Compensation Type</b>		<b>Jack Baker</b>	<b>Ken Eichstadt</b>	<b>Rick Fraites</b>	<b>Michael Joly</b>	<b>Stephen Petterle</b>
<b>Meeting Attendance:</b>						
1	Regular/Special Board Meetings	\$ 6,058	\$ 6,058	\$ 5,782	\$ 6,058	\$ 6,058
2	Advisory Committees and Councils	\$ 1,932	\$ -	\$ 3,305	\$ -	\$ -
3	Adhoc Committee Meetings	\$ -	\$ 276	\$ 276	\$ 828	\$ 828
4	Community Events and Other Meetings	\$ 828	\$ 276	\$ 828	\$ -	\$ -
<b>Expense Reimbursement:</b>						
5	Association of California Water Agencies Conference	\$ 1,404	\$ -	\$ -	\$ -	\$ -
6	<b>Total</b>	<b>\$ 10,222</b>	<b>\$ 6,610</b>	<b>\$ 10,191</b>	<b>\$ 6,886</b>	<b>\$ 6,886</b>

Attachments: None



**MEMORANDUM**

To: Board of Directors

Date: January 21, 2025

From: Julie Blue, Auditor/Controller *JB*

Subject: Increase in Board of Director's Compensation

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**RECOMMENDED ACTION:** None – Information Only

**FINANCIAL IMPACT:** \$945 Annually

In accordance with Board Policy 13 and Ordinance No. 27, relating to Director's Compensation, the amount will be escalated annually on each January 1st based upon the change in the San Francisco Bay Area Consumer Price Index (CPI) for the prior 12-month period, but by no greater than 5% per year, pursuant to California Water Code section 20200 et seq. The change in the SF Bay Area CPI in 2024 was 2.4%. Therefore, effective January 1, 2025, each director shall receive compensation of two hundred and eighty-three dollars (\$283) per day <sup>(1)</sup> for each day's attendance at meetings of the Board, or for each day's service rendered as a director with prior approval of the Board.

Director's compensation for the five-member Board is budgeted at \$45,000 annually, which includes payroll taxes. A 2.4% increase will add approximately \$945 in cost to the District annually.

ATTACHMENTS: None

1. *This is a maximum daily limit. If a Board member attends two meetings in one day the compensation is capped at reimbursement for only one meeting with a maximum of six days reimbursed in a calendar month.*





Center for Western Weather  
and Water Extremes

SCRIPPS INSTITUTION OF OCEANOGRAPHY  
AT UC SAN DIEGO

EXCERPT

# CW3E Subseasonal Outlook: 7 January 2025

*Prepared by: Z. Yang, C. Castellano, J. Wang, M. DeFlorio, J. Kalansky*

UC San Diego



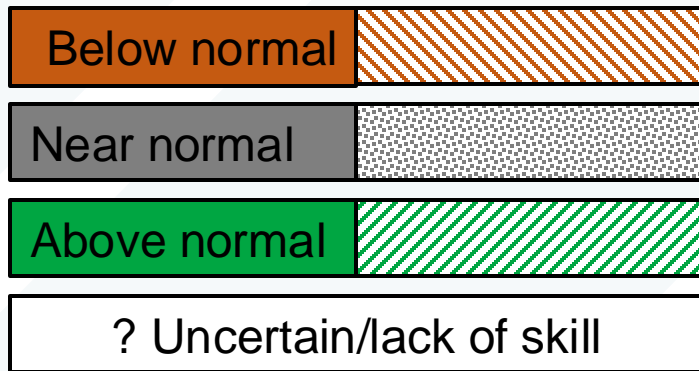
# Summary: Subseasonal Precipitation Outlook by Model

This slide shows the CW3E synthesis of subseasonal products by model

**Forecasts Initialized 6 Jan 2025**

Region	Week 2 (13–19 Jan)				Week 3 (20–26 Jan)				Week 4 (27 Jan–2 Feb)			
	NCEP <sup>1,2,3</sup>	ECCC <sup>1</sup>	ECMWF <sup>1,2</sup>	Multi-Model Forecast	NCEP <sup>1,2,3</sup>	ECCC <sup>1</sup>	ECMWF <sup>1,2</sup>	Multi-Model Forecast	NCEP <sup>1,2,3</sup>	ECCC <sup>1</sup>	ECMWF <sup>1,2</sup>	Multi-Model Forecast
WA/OR	Below normal	Below normal	Below normal	Below normal	Above normal	Near normal	Near normal	?	Above normal	Above normal	Above normal	Above normal
Northern CA	Below normal	Below normal	Below normal	Below normal	Above normal	Above normal	Near normal	Above normal	Above normal	Above normal	Above normal	Above normal
Central CA	Below normal	Below normal	Below normal	Below normal	?	Above normal	Above normal	Above normal	?	Above normal	Above normal	Above normal
Southern CA	Below normal	Below normal	Below normal	Below normal	Below normal	Above normal	Above normal	?	?	Above normal	Above normal	Above normal

Higher Confidence | Lower Confidence



- Models agree on below-normal precipitation over all of CA during Week 2
- Models lean towards above-normal precipitation over Northern and Central CA (with low-to-moderate confidence) during Weeks 3–4

**Subseasonal products included in this Outlook:**

<sup>1</sup>CW3E/JPL Atmospheric River Activity Forecasts ([DeFlorio et al. 2019](#), [Zhang et al. 2023](#))

<sup>2</sup>CW3E/JPL Ridging Forecasts ([Gibson et al. 2020](#))

<sup>3</sup>IRI North American Weather Regime Forecasts ([Robertson et al. 2020](#))

# Summary

## Regime Shift for CA from Week 2 to Weeks 3–4

- Models generally agree on regime shift from dry conditions to wet conditions over CA from Week 2 to Weeks 3–4
- Although the models indicate a regime shift during Weeks 3–4, the precise details of the evolution of the circulation fields, including the troughing/ridging centers, can have large impacts on the resulting AR and precipitation potential for California

## MJO/QBO Conditions

- MJO convection is currently weak and located over the Western Hemisphere and Africa (Phase 8); QBO is in the easterly phase
- Models forecast MJO will remain over the Western Hemisphere and Africa during Weeks 1–2 (7–15 Jan) before transitioning to the Indian Ocean toward the end of Week 2 (18–20 Jan)
  - Without considering QBO/ENSO conditions, MJO activity over the Western Hemisphere and Africa during JFM is associated with statistically significant decrease in wet extremes in Southern CA at lag times of 3 weeks

## Week 2 forecasts (13–19 Jan):

- Models agree on slightly below-normal AR activity over Central and Southern CA
  - In Northern CA, NCEP is forecasting near-normal AR activity, while ECCO and ECMWF are forecasting below-normal AR activity
- Ridging outlooks show high likelihood of above-normal North-ridge activity (dry conditions over all of CA) during Weeks 1–2
- IRI weather regime tool shows moderate likelihood of West Coast Ridge (below-normal precipitation in CA) during Week 2

# Summary

## **Week 3 Forecasts (20–26 Jan):**

- Models agree on above-normal AR activity over Central and Southern CA
  - In Central and Southern CA, NCEP is forecasting above-normal AR activity, and ECCO and ECMWF are forecasting slight above-normal AR activity
  - In Northern CA, NCEP is forecasting above-normal AR activity, ECCO is forecasting slight above-normal AR activity, and ECMWF is forecasting near-normal AR activity
- Models disagree on ridging activity over the Pacific Northwest and CA during Weeks 3–4
  - NCEP is forecasting a moderate likelihood of above-normal South-ridge activity and a moderate likelihood of above-normal West-ridge activity
  - ECMWF is forecasting near-normal ridging activity overall, but there is poor ensemble agreement on the exact location of ridging activity
- IRI weather regime tool shows moderate likelihood of West Coast Ridge (below-normal precipitation in CA) during Week 3

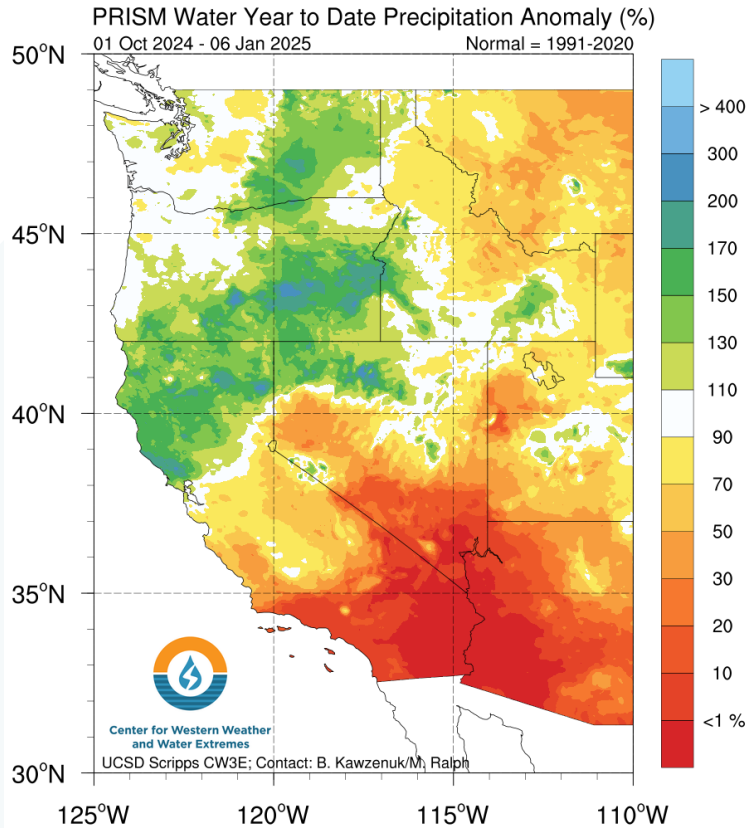
## **Week 4 Forecasts (27 Jan – 2 Feb):**

- Models agree on above-normal AR activity over CA during Week 4
- IRI weather regime tool shows low-to-moderate likelihood of Pacific Ridge (near-normal precipitation in CA) during Week 4



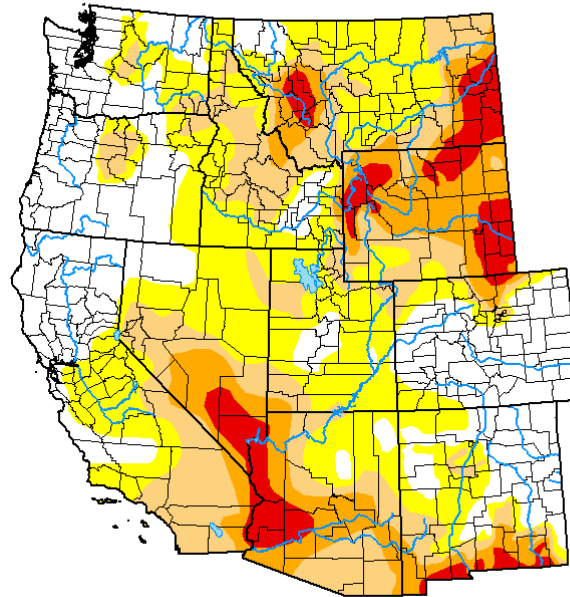
# Hydrologic Summary

## Precipitation



## Drought Conditions

### U.S. Drought Monitor West



December 31, 2024

(Released Wednesday, Jan. 1, 2025)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	29.66	70.34	39.86	19.17	6.85	0.00
Last Week 12-24-2024	29.66	70.34	35.75	18.84	6.56	0.00
3 Months Ago 10-01-2024	20.06	79.94	37.38	9.85	2.47	0.11
Start of Calendar Year 01-02-2024	51.19	48.81	25.08	13.17	4.67	0.66
Start of Water Year 10-01-2024	20.06	79.94	37.38	9.85	2.47	0.11
One Year Ago 01-02-2024	51.19	48.81	25.08	13.17	4.67	0.66

#### Intensity

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

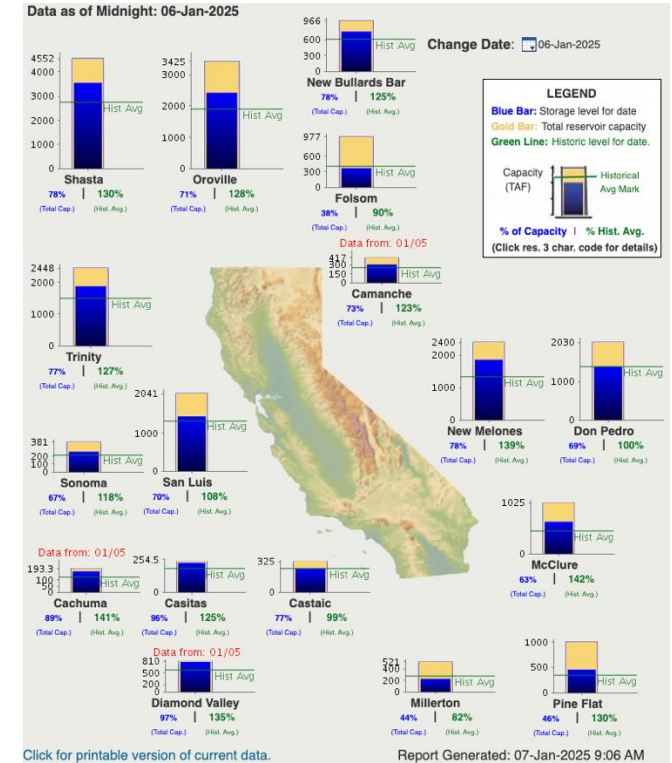
#### Author:

Rocky Bilotta  
NCEI/NOAA



[droughtmonitor.unl.edu](http://droughtmonitor.unl.edu)

## Reservoir Storage



Source: California DWR

- As of 6 Jan 2025, water-year-to-date precipitation is **above normal (> 130% of normal)** in Northern CA, **slightly below-normal (50–90% of normal)** in Central CA, and **well-below normal (< 20% of normal)** in Southern CA
- The most recent drought monitor update is showing **abnormally dry conditions (D0)** over the San Joaquin Basin and the expansion of **moderate drought (D1)** into a large portion of Southern CA (including the coastal zone)
- Most large reservoirs in CA are still operating at **near or above-normal storage** for this time of year



## Wind, rain leave mark; new storm on the way

County crews mop up after flooding, outages

BY KRISSY WAITE

[KWAITE@MARINIJ.COM](mailto:KWAITE@MARINIJ.COM)

Three waves of precipitation in six days dropped more than 7 inches of rain in Marin, and more is on the way.

Heavy winds over the weekend added to woes, flooding parts of Marin and causing large swaths of power outages, including a citywide outage in Novato over the weekend. Calmer weather is in store this week, but meteorologists are predicting another windy, rainy weekend.

Between Dec. 11 and Monday, 7.46 inches of rain fell on Mount Tamalpais; 5.28 inches in San Rafael; 5.27 inches in Kentfield; 5.45 inches in Lagunitas; 4.88 inches south of Point Reyes and 4.71 inches in Novato, said Dial Hoang, a meteorologist with the National Weather Service.

Rough totals for other areas in Marin included 5.57 inches in Woodacre; 5.95 inches in San Anselmo; 5.75 inches at the Marin Civic Center in San Rafael, and 4.33 inches in Mill Valley.

Hoang said the highest wind gusts were recorded Saturday. A weather recording station in the Nicasio hills reported 85 miles per hour wind gusts. Mount Tam and Point Reyes Station saw gusts of 70 miles per hour, and Novato logged gusts of 49 miles per hour.

Most emergency calls originated in southern Marin, Marin County sheriff's Sgt. Adam Schermerhorn said. The focus was on flooding along the shoreline. West Marin also was battered with storm surge, localized flooding and downed trees.

Marin County Fire Department spokesperson Mari Ochoa said the Marin County Fire Emergency Command Center logged over 300 storm-related calls across Marin during the period. Of those calls, county firefighters responded to about 35 fallen branches or trees, 31 downed power lines and one water rescue.

Julian Kaelon, public information officer for the Marin County Department of Public Works, said county staff prepared in advance of the storm and patrolled 24/7 during the event to monitor storm-related issues. Crews stopped patrolling around the clock Tuesday.

"As of today, they are back to their normal schedule and are addressing the lingering issues around the county, mostly clearing debris from roads, culverts and storm drains," Kaelon said. "They will be doing that for the next few days, maybe into the weekend."

Kaelon said the department cleared between two and three dozen trees from roads over the weekend. As of Tuesday no roads were closed. He noted that Bolinas Road was closed from Dec. 13 until Monday night, and that roads crew also cleared several minor slides in western Marin. In total, the public works department and the county flood control district responded to around 600 storm-related calls.

In west Marin, Inverness saw some flooding, caused by the combination of high tides and heavy rain. Sir Francis Drake Boulevard, from Bear Valley to Chicken Ranch Beach, also was affected by flooding. Kaelon said it has mostly receded. He said Middle Road, from Marsh Road to Highway 1, was still flooded Tuesday and was expected to take a few days to clear up.

"High tides coupled with heavy rain exacerbates flooding in all the areas of the county that are prone to flooding, particularly in bayside, coastal communities," Kaelon said.

Laurie Nilsen, emergency operations center coordinator for Tiburon, said there was some localized flooding but most issues were resolved once the water, and tide, receded.

Adriane Mertens, spokesperson for Marin Municipal Water District, said the district recorded 6.12 inches of rain at Lake Lagunitas, and a total of 22.28 inches so far this year. The total rainfall for this time last year was 7.8 inches; the historical

average rainfall total for this date is 14.58 inches.

Mertens said all the district's reservoirs, except Kent Lake, are spilling. She said storage levels at the district's seven reservoirs are at 94% of total capacity. The historical average storage capacity for this time of year is 69.21%.

Tony Williams, general manager for the North Marin Water District, said the reservoir at Stafford Lake began spilling Monday. The reservoir gained 3 feet of elevation since the rain started. He said the district saw 3.21 inches of rain between Thursday and Sunday. The total rainfall since October is 11 inches.

"Which is significantly higher than last year at this time," Williams said.

Megan McFarland, a spokesperson for PG&E, said Marin "took the brunt" of heavy winds and rain, and described the storm as extreme. She said at one point over the weekend, nearly 32,000 connections were without electricity. By Monday, 1,294 customers were without power due to storm-related equipment damage.

"At the height of the event in Marin County, we had 38 PG&E and contract crews reporting out of our San Rafael yard," McFarland said. "The typical crew consists of four individuals."

McFarland said western Marin saw significant damage to equipment, including downed trees throughout Inverness on the Tomales Bay side and in Olema Valley. In Novato, 300 customers near the Marin Country Club were affected by a power outage, which included four downed poles and power lines.

"In one incident in Olema a tree was uprooted by the storm and took down three PG&E poles," McFarland said. "We saw dozens of examples of downed power lines, particularly in west Marin where vegetation tends to be more concentrated."

Hoang said the weather service is anticipating another high rain and wind weather event to move through Marin beginning late Friday night and ending sometime early next week. Hoang said there is some uncertainty about when the next storm will end, but said there will be multiple rounds of rainfall and "pretty impactful winds."

"I'm going to urge people to take advantage of the nice weather now but also prepare for another round of flooding and wind concerns," Hoang said.

*Bay Area News Group contributed to this report.*

WEST MARIN

## ‘Red Rock Spring cult’

Site draws ‘raw water’ devotees who don’t want tap



Samantha Reich fills 5-gallon jugs with water for her household in September at Red Rock Spring near Stinson Beach. The spring attracts so many people that the wait for water can exceed half an hour. PHOTOS BY JILL SCHWEBER — THE NEW YORK TIMES





Justina Buong fills her kettle with water at Red Rock Spring to make a latte. No public agency tests the water.

**BY SOUMYA KARLAMANGLA**

**NEW YORK TIMES**

Highway 1 along the coast of Marin County offers some of California's most magnificent vistas, with the deep blue Pacific Ocean glittering through veils of fog. But for a handful of travelers, the views aren't the prize.

At one blink-and-you'll-miss-it pullout is a natural spring that draws people from across the Bay Area, some of whom drive hours through traffic to get there. Many of them reject water from any other source and drink only what they say is "liquid gold" that gushes from the copper pipes of Red Rock Spring.

"To me, it feels more alive," said Samantha Reich, who collected 50 gallons in water-cooler jugs that she strapped into her sedan with seat belts on a recent morning.

Reich, 27, is among a small number of spring water aficionados who believe untreated water, or "raw water," contains enriching minerals that are removed from tap water during the purification process.

Many of the spring's die-hard fans are part of the so-called health freedom movement, which opposes government public health interventions, including vaccine mandates, pasteurized milk and fluoridated water. They now have a powerful ally in Robert Kennedy Jr., who espouses many of the same views, including opposition to fluoridated water, and who is President-elect Donald Trump's pick to lead the Health and Human Services Department. (Kennedy has yet to say whether he advocates drinking raw water.)

The trend, however, alarms health experts, who say that spring water devotees are taking unnecessary risks. The country's robust water treatment system, they emphasize, eliminates potentially deadly bacteria and parasites, and removes toxins that can cause cancer or harm children's brain development.

Nonetheless, untreated water enthusiasts across the nation study crowdsourced spring maps and leave online comments as if they are reviewing the latest restaurants. At Red Rock Spring near Stinson Beach, the wait can be as long as 40 minutes, but the patrons are said to be friendly and the views spectacular, according to Google reviews.

“Vibrations for the soul,” one visitor wrote. “Pure water pure magic,” wrote another.

In South Carolina, vendors sell fresh watermelon, oranges and pecans behind a rural church near Blackville where people flock to collect water from two spigots in the ground. On any given day, you’ll see spring water believers crouching to fill giant bottles at the headwaters of the Sacramento River in the northern reaches of California. In rural Oklahoma, people drive hours to draw from a natural well along the highway thought to contain healing liquid.

In the past few years, Red Rock Spring, one of the rare Bay Area locations among hundreds nationwide on [FindaSpring.org](https://findaspring.org), has grown more popular than ever. Longtime devotees wake at 4:30 a.m. to drive there and back before work to avoid the throngs who arrive during the day.

Acolytes in the self-proclaimed “Red Rock Spring cult” have planted squash, tomatoes and other vegetables nearby, and built an altar where people leave tokens of gratitude on the rust-colored mountainside: a stack of nickels, a dried flower crown, fresh figs, a marijuana joint.

Ryan Gonzalez, 44, says that he has been drinking the “miraculous water” from Red Rock Spring for a decade, and that it has made his dreams more vivid and made him feel more resilient against illness. A few years ago, he tried to switch to bottled spring water but ultimately returned to his favorite spot, he said.

“There’s nothing like Red Rock Spring,” said Gonzalez, who has to drive an hour each way from his home in San Francisco to retrieve the water.

Gonzalez, who owns a “botanical barbershop” in San Francisco that uses plant-based grooming products, said he and his family drank only raw milk, avoided processed foods and stuck to water collected from local natural springs.

But he warned against assuming too much about his political views. He voted for Kamala Harris in the presidential race and feared that Kennedy, despite being aligned on some health matters, would push extreme anti-vaccine views. Gonzalez said he personally believed that vaccines offered more benefit than harm.

“It’s really hard to be a centrist anymore and everything is so polarizing,” he said. “People jump to conclusions very quickly.”

And not everyone who sips from the spring is motivated by a belief in raw water. On a recent morning, a UPS driver pulled over in his brown truck to replenish his reusable water bottle, a daily ritual he began after he noticed the crowds at the Highway 1 pullout along his delivery route. Several construction workers and campers also showed up to fill their bottles.

Randy Dahlgren, a professor at the University of California, Davis, who studies watersheds, said that compared with other natural water sources, springs tended to be safer to drink from since they originated deep in the ground and the water was naturally filtered through layers of soil that could remove microbial pathogens. Fresh spring water can contain calcium, magnesium and other beneficial nutrients, and might not contain microplastics or “forever chemicals” as some tap water does, he said.

But raw water can also be tainted with pesticides from nearby farms, contain arsenic that naturally occurs in soil, and harbor bacteria such as E. coli and salmonella that can make people extremely sick. In 2022, 19 people in Montana became ill, including one who was hospitalized, after drinking from what they thought was a spring but was actually creek drainage.

No public agency tests the water from Red Rock Spring. In fact, public agencies had trouble explaining who owned the land from which the spring originated, and its copper pipes. The highway itself is owned by the state’s transportation agency, Caltrans. But county parcel maps show that the parking lot where the spring flows from is split between Mount Tamalpais State Park and Golden Gate National Recreation Area, though neither said it was responsible for the site.

And the only way to know if the water is safe would be to regularly test it for the more than 90 contaminants that tap water is monitored for, experts said. Any single test wouldn’t be sufficient because a rainstorm could shift the flows and introduce sewage runoff from nearby farms or campgrounds.

“The idea that ‘just because something is natural is automatically good for you’ is inherently flawed,” said Daniel McCurry, a water quality expert at the University of Southern California. “There’s all kinds of stuff that’s perfectly natural that can make you very sick.”

McCurry said he drank from the tap everywhere he went in America, and that a simple, off-the-shelf water filter could remove most of what might worry people, such as trace amounts of pharmaceuticals or lead from old pipes.



And Dahlgren wondered why spring enthusiasts were “killing the environment” by driving miles for a sip when safe, high-quality water was available from the tap, especially in the Bay Area.

More broadly, water experts said that shunning tap water undermined trust in the public water system, which could have dangerous consequences.

But Red Rock Spring followers remain devout.

Gonzalez sometimes worries what he and his family would do if something were to happen to Red Rock Spring, he said. His family avoids fluoridated water, and the spring water has become one of the most fundamental parts of his life; his younger daughter has grown up on it, and coffee tastes good to him only if brewed with water from Red Rock Spring.

“When we go on vacation,” he said, “it’s one of the things I miss the most.”



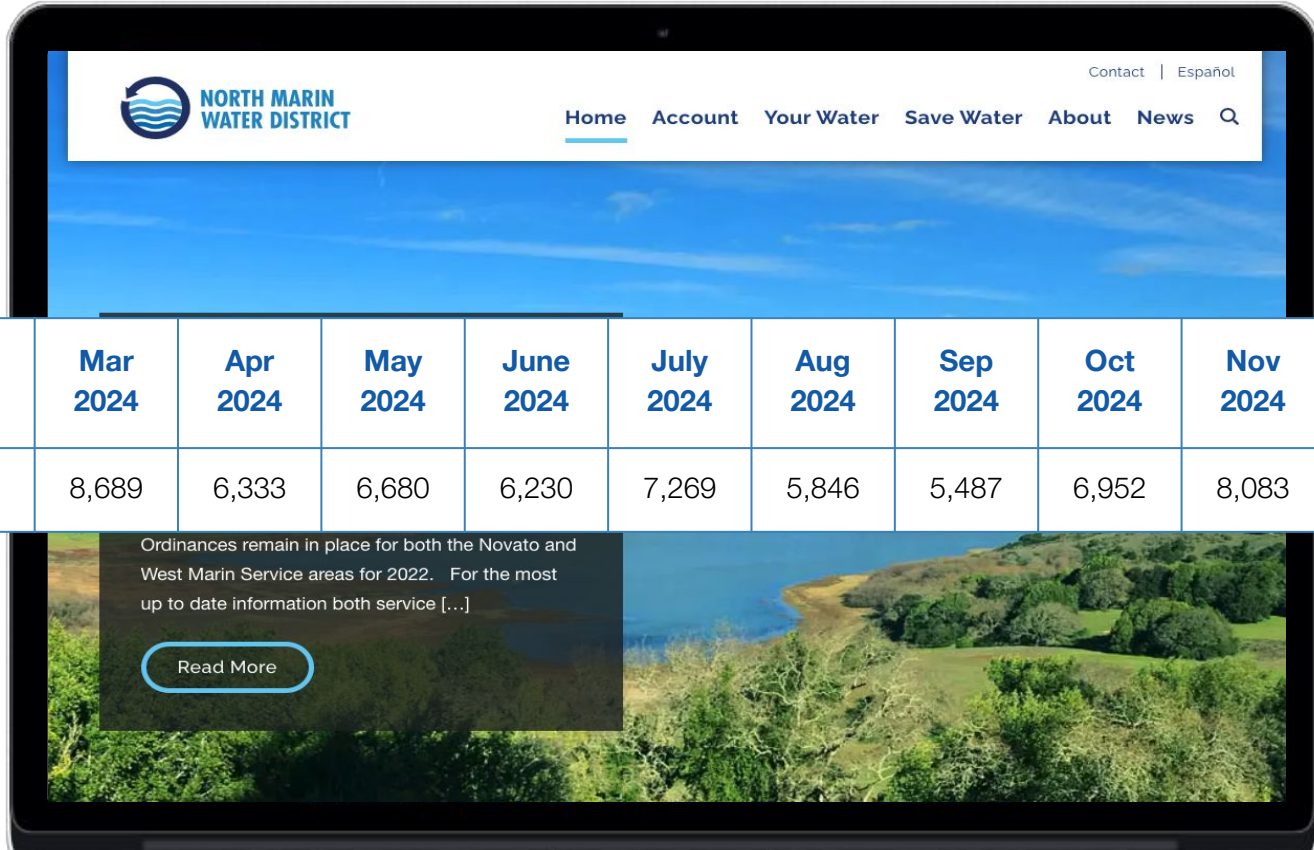
**NORTH MARIN  
WATER DISTRICT**

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# **Web & Social Media Report**

December 2024

# Website Statistics






	Feb 2024	Mar 2024	Apr 2024	May 2024	June 2024	July 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024	Dec 2024
2024 Visitors	9,521	8,689	6,333	6,680	6,230	7,269	5,846	5,487	6,952	8,083	7,173

Ordinances remain in place for both the Novato and West Marin Service areas for 2022. For the most up to date information both service [...]

[Read More](#)



# Social Media Followers

	Feb-2024	Mar-2024	Apr-2024	May-2024	Jun-2024	Jul-2024	Aug-2024	Sep-2024	Oct-2024	Nov-2024	Dec-2024
 Facebook Followers	2,548	2,569	2,581	2,606	2,627	2,658	2,671	2,685	2,697	2,712	2,731
 X (Twitter) Followers	131	131	130	132	132	133	131	132	129	124	124
 Instagram Followers	891	903	907	914	922	928	937	938	947	954	957



# NMWD Most Visited Pages

Pages	Views
<a href="#">Home</a>	4,043
<a href="#">Online Billing</a>	2,544
<a href="#">Weather &amp; Production Statistics</a>	1,556
<a href="#">My Water Usage (WaterSmart Portal)</a>	746
<a href="#">Employment Opportunities</a>	293
<a href="#">What Is An Acre Foot?</a>	259
<a href="#">Contact</a>	177
<a href="#">Meetings 2024</a>	160
<a href="#">Human Resources</a>	144







# December Social Media Highlights | Facebook

**North Marin Water District**  
Published by Hootsuite  
5 December 2024 at 00:14

Did you know that you can check your water usage at any time using your water smart portal? Visit [nmwd.com/account/watersmart/](https://nmwd.com/account/watersmart/) and simply look up your account to explore your water use. It's free, and it only takes a minute. [#watersmart](#) [#watersavings](#)



111 people reached | 2 engagements

**North Marin Water District**  
Published by Hootsuite  
7 December 2024 at 00:00



Did you know that NMWD rebates up to \$100 per High-Efficiency Toilet (HET) and up to \$200 per Ultra High-Efficiency Toilet (UHET) when customers change their non-water conserving toilets? For more information visit [nmwd.com/indoors](https://nmwd.com/indoors)



158 people reached | 8 engagements

**North Marin Water District**  
Published by Hootsuite  
10 December 2024 at 16:01

In the winter season, a great way to save water is by capturing rain water for reuse. There are many premade rain catchment systems as well as DIY options available. Once you collect the rain you can save it to reuse during irrigation season. Did you know that NMWD offers a rebate? Visit [nmwd.com/outdoors](https://nmwd.com/outdoors) for more information. [#rebates](#)



118 people reached | 4 engagements

*Engagements include likes, reactions, clicks and comments*





# December Social Media Highlights | Facebook



138 people reached | 4 engagements



122 people reached | 6 engagements



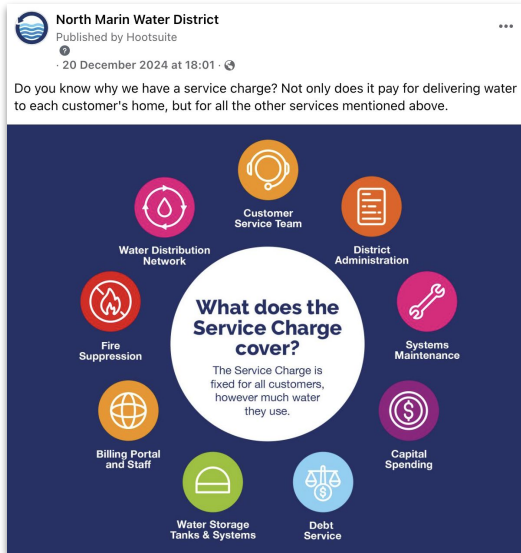
200 people reached | 17 engagements

*Engagements include likes, reactions, clicks and comments*

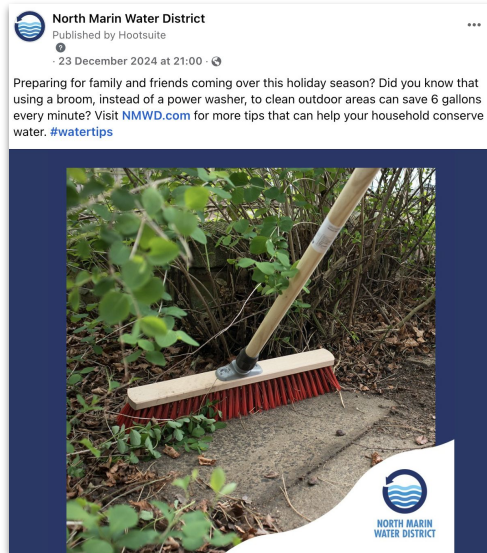




# December Social Media Highlights | Facebook



108 people reached | 5 engagements



105 people reached | 4 engagements



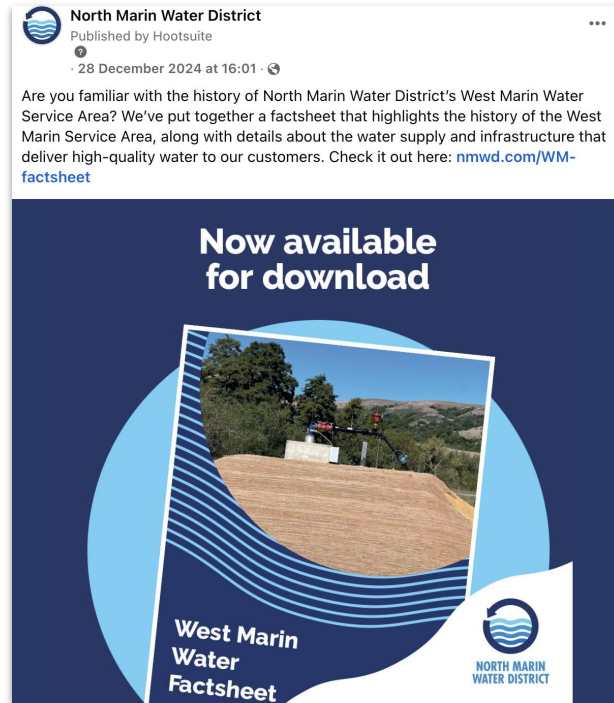
106 people reached | 9 engagements

*Engagements include likes, reactions, clicks and comments*





## December Social Media Highlights | Facebook



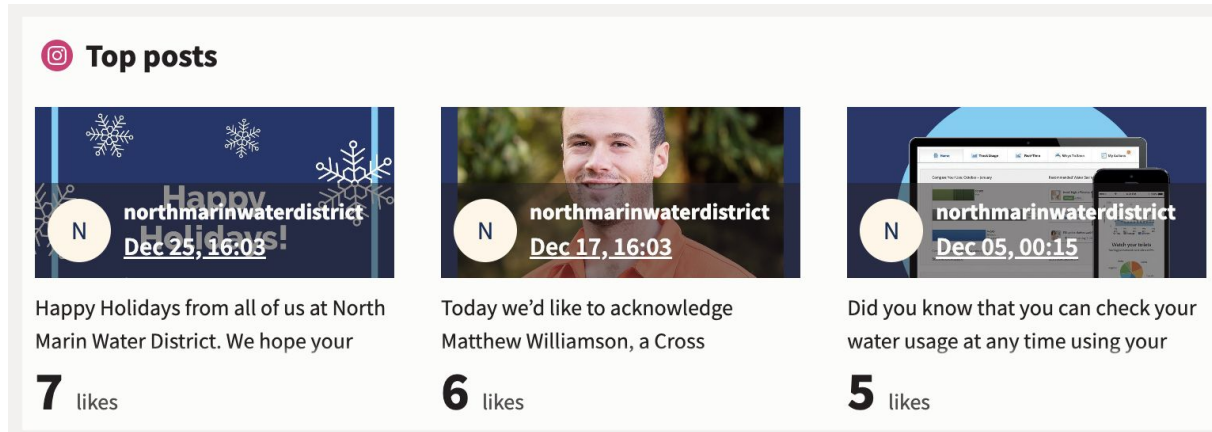
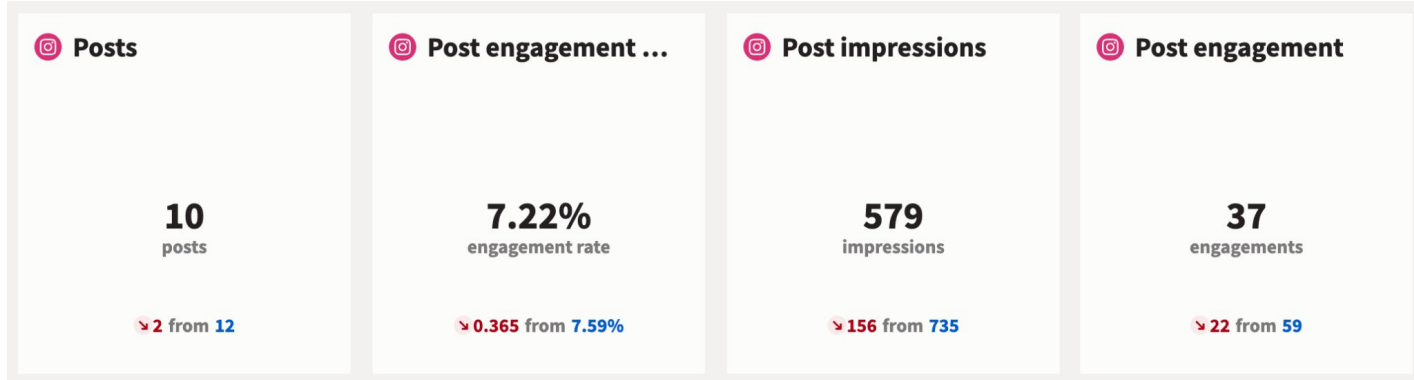
135 people reached | 9 engagements

*Engagements include likes, reactions, clicks and comments*





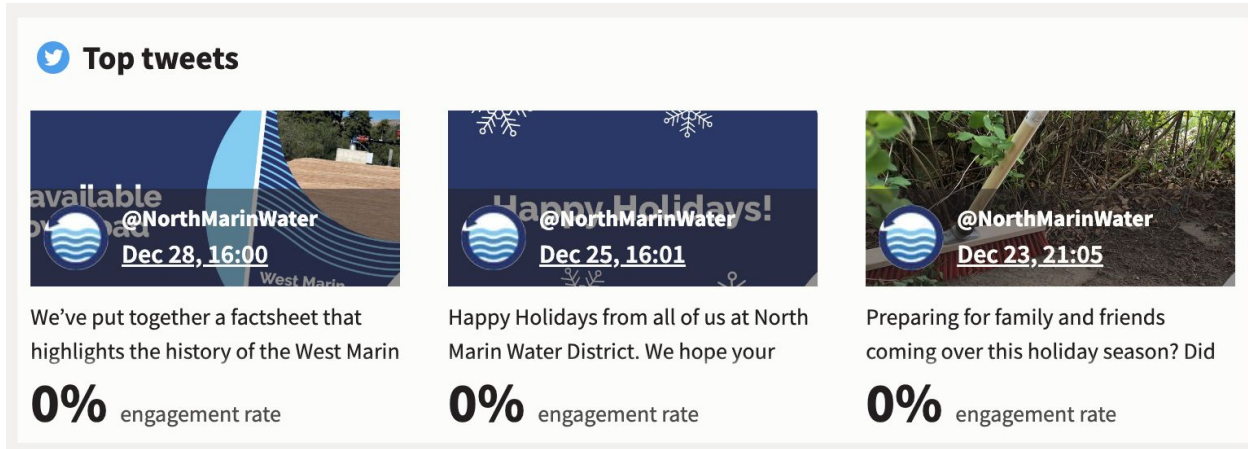
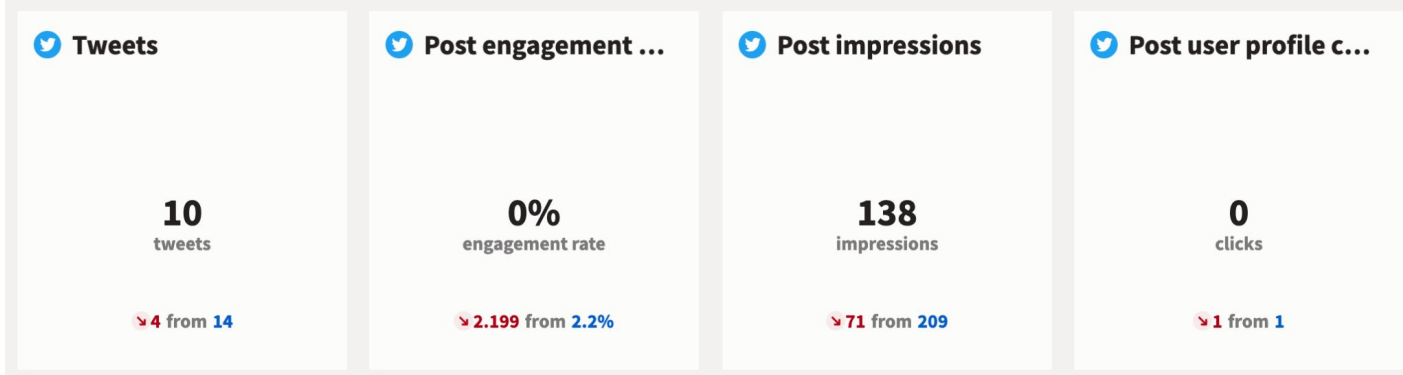
# December Social Media Highlights | Instagram



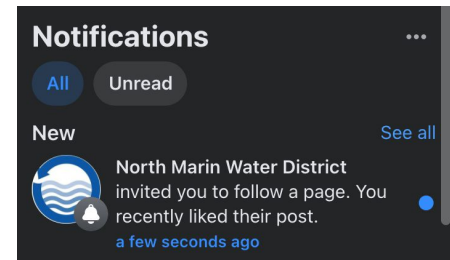




# December Social Media Highlights | X (Twitter)



# Facebook Likes Campaign - December Report




We are running an evergreen ad which encourages customers in the NMWD service areas to 'like' (follow) the NMWD Facebook page. We selected images that have historically performed the best to drive more likes.

<b>Spend in December 2024</b>	<b>Reach</b> (Number of people who saw the ad)	<b>Impressions</b>	<b>Results</b> (New Page Likes)	<b>Cost Per New Page Like</b>
\$46.79	2,647	4,917	16	\$2.92

*This month, we were able to reach over **2,500** people with the Likes Campaign*



## What's Next?

- Kiosk to roll out a new social campaign on drought tolerant plants featured in the new demonstration garden at the NMWD office
  - Kiosk to begin work with NMWD staff on video content for social media
  - Kiosk to begin work on an educational social media campaign
  - Social media posts will also feature employees on their work anniversaries, as well as highlight rebates
  - Kiosk continues to work with staff to get photos of construction and maintenance projects throughout Novato and West Marin
- 



**Thank You**

9

**CLOSED SESSION ITEM**



**10**

**CLOSED SESSION ITEM**