



STAFF REPORT

Meeting Type: Board of Directors
Title: General Manager's Report February 2026
From: Ben Horenstein, General Manager
Meeting Date: March 24, 2026

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve Report

SUMMARY:

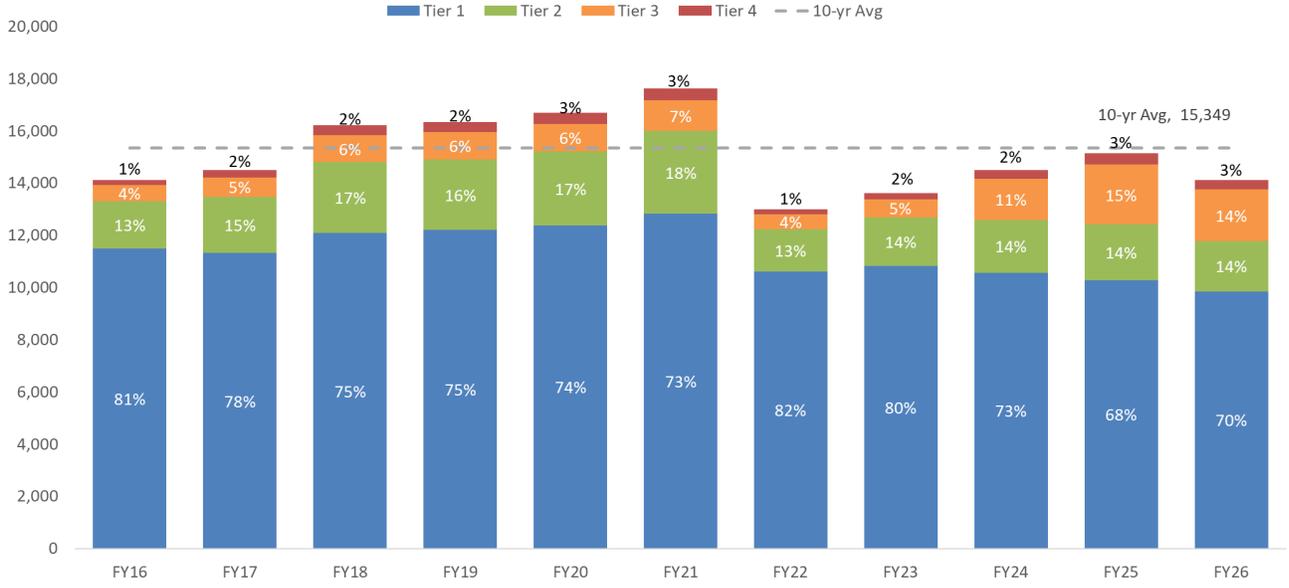
A. HIGHLIGHTS:

- The daily average net production for the month of February 2026 was 13.7 MGD compared to 13.8 MGD for the month of February 2025. Average usage for February is 17.1 MGD.
- Staff advertised the Tocaloma Pump Station Rehabilitation Project, which will improve system reliability and operations efficiency by replacing obsolete mechanical and electrical equipment with new electrical motor control centers and variable frequency drives as well as a new fire hardened pump station electrical building ensuring reliable and efficient pumping that will provide energy cost savings to the District and helping further reduce carbon footprint.
- Staff advertised the Scenic Avenue Tank Replacement Project, which will remove one of the District's four remaining redwood tanks from the system. The old redwood tank will be replaced with a new bolted steel tank of equal capacity improving the systems' seismic resiliency and reliability.
- Staff responded to 972 underground served alert tickets and marked out approximately 22,909 feet of pipe in the month of February, helping ensure the District's underground infrastructure was not damaged by contractors or homeowners during excavation work.
- Staff are performing annual cathodic maintenance testing on magnesium anode systems and impressed current system supplied by rectifiers which convert alternating current to direct current. The continuing maintenance provides cathodic stability throughout the distribution system protecting pipelines and structures.
- Staff replaced a twelve-inch gate valve at Federal Works Pump Station in Corte Madera. This pump station transfers water from areas of the District's distribution system to Southern Marin. The original valve leaked water through when in the closed position preventing the Controls Department from replacing a broken flow meter. The new flow meter will ensure the

measure of volumetric flow rate for water passing through the pump station. The new valve will ensure a tight seal and allow for pump station maintenance to be performed in the future.

- The District was awarded a \$1.1 million dollar grant from the Wildlife Conservation Board for implementation of Lagunitas Creek Phase II.
- The District submitted a concept grant proposal to CDFW for beneficial gravel reuse to support Nicasio Creek and Lagunitas Creek Stewardship.
- The District continued implementation of BFFIP Year 7 through February 2026 with a focus on Broom Maintenance. The District had 50 staff from vegetation contractors working daily on various Broom removal projects across the Watershed. The District continued Fuelbreak Construction project near Double Bow Knot.
- Pile Burning continued through February and include 6 pile burn days and were able to burn roughly 50 piles a day.
- Habitat Restoration on February 21 engaged 40 volunteers pulling a half-acre of broom on Pine Point. This event was followed by a lunch program for the Teen Ambassadors on the value of stewardship.
- Watershed Guided Hike on February 28 led 16 participants to Little Carson Falls to explore the themes of water and conservation biology.
- The District supported in class room learning for 200 students at Redwood High School about the geology of Marin and how it influences the range of habitats and biodiversity.
- Three staff attended the Native Plant Society Conference in Riverside, CA. Vegetation ecologists presented a poster on the endemic Mt. Tam thistle.

TIER CONSUMPTION AS OF FEBRUARY 2026 (Acre Feet)



AWARDED GRANTS					
PROJECT	FUNDER	FUNDING OPPORTUNITY	DESCRIPTION	STATUS	AWARD AMOUNT
Prop.1. Round 2 IRWM Disadvantaged Community	DWR	Prop.1. Round 2 IRWM Disadvantaged Community	Replacing aging transmission lines and laterals in Marin City and San Rafael's Canal District	Awarded; in progress and on track. Coordinating site visit with DWR/SFEP.	\$6,408,000
Forestry Corps	CCNB		Workforce development; state funding directly to CCNB to fund crews working on the watershed	Awarded; in progress and on-track.	\$500,000
Fisheries Restoration Grant Program	CDFW	Fisheries Restoration Grant Program (FRGP)	Lagunitas Creek Coho Habitat Enhancement Plan - 100% Designs for Phase 2 Sites (7, 8, 9, 10, 11); CEQA	Awarded; in progress and on-track.	\$599,689
Lagunitas Creek Salmonid Spawning Gravel Improvement Project	DWR	Riverine Stewardship Program (RSP)	This project will inject 1,700 tons of clean river-run gravel just below Peters Dam and Kent Lake at two sites within Lagunitas Creek and is part of our larger effort to restore 4 miles of Lagunitas Creek to its historical geomorphic condition.	Awarded; in progress and on-track.	\$590,000
Lagunitas Creek Salmonid Spawning Gravel Improvement Project	USBR		Gravel augmentation for Lagunitas Creek Sites 1-3	Awarded; in progress and on-track. Working on no-cost extension.	\$1,400,000
Rain Water Harvesting Project	MCSTOPP		Barells for customers	Awarded; in progress and on-track.	\$15,032
Water Conservation: turf rebates	USBR	Water and Energy Efficiency Grant (WEEG)	Turf rebates	Awarded; in progress and on track	\$722,925
Prop 1. Fisheries Restoration Grants Concept Proposals	CDFW	Lagunitas Creek Coho Enhancement Project Phase 1	Lagunitas Creek Restoration Sites 1-6	Awarded; in progress and on track	\$4,659,898
Azalea Hill Trail Restoration	California State Parks	Recreational Trails Program (RTP)	Azalea Hill Restoration	Awarded; in progress and on-track. Closeout package has been submitted with a final site inspection scheduled for early April	\$952,657
One Tam Regional Forest Health Project	CA WCB		BFFIP implementation	Awarded; in progress and on-track. MMWD funds have all been spent down.	\$4,260,000
WaterSMART Applied Science	USBR		Funding for weather modeling to inform water resources management	Awarded; in progress. Expect that funds will be entirely spent down by the next reporting period.	\$150,628.00
One Tam Regional Forest Health Project Phase II	CAL FIRE	California Climate Investments Department of Forestry and Fire Protection Forest Health Program 2023-2024	BFFIP Implementation for 2-3 years	Awarded; in progress and on-track.	\$6,966,078
RECENTLY SECURED					
Lagunitas Creek Phase 2A	Wildlife Conservation Board	Restoration	Funding for construction of Phase 2A in 2027	Secured; approved at WCB's 2/26 Board meeting	\$1,109,000
Water Supply	U.S. Army Corps of Engineers	Water Resources Development Act 2022	\$2M for Marin Water is written into the current FY26 Army Corps funding bill, which was passed by the House and Senate and signed into law. The Army Corps is now working on a FY26 work plan based on the bill. Once the Corps has a work plan in place, we will begin coordinating with the San Francisco District of the Army Corps.	Secured	\$2,000,000
TOTAL FUNDED:					\$30,333,907

PENDING GRANTS					
PROJECT	FUNDER	FUNDING OPPORTUNITY	DESCRIPTION	STATUS	AMOUNT REQUESTED
Beneficial Gravel ReUse	CDFW	Fisheries Restoration Grant Program (FRGP)	Approximately 50% of historic anadromous salmonid habitat in the Lagunitas Creek watershed lies above Seeger Dam (Nicasio Reservoir) and Peters Dam (Kent Lake). These dams and past land management practices have reduced spawning gravel needed for endangered CCC coho salmon and threatened CCC steelhead. Marin Water has monitored these species for over 25 years and implemented restoration efforts, including gravel augmentation. This project will create a long-term plan for beneficial gravel reuse in the watershed.	Concept proposal submitted, which triggers consultation with CDFW. If the project is a good fit, staff will submit a full proposal.	\$242,000
One Tam Block Grant	California Natural Resources Agency	Block/Regional Grant	One Tam block grant request to CNRA to increase the pace and scale of forestry work between FY26 and FY32. Total request across One Tam agencies is \$28,378,435. MMWD's request of \$10,371,070 would enable us to complete an estimated 2,700 additional treatment acres during the project period. Submitted 7/2/25.	Pending	\$10,371,070

UPCOMING FUNDING OPPORTUNITIES					
PROJECT	FUNDER	FUNDING OPPORTUNITY	DESCRIPTION	STATUS	
BFFIP	CAL FIRE	Forest Health Program	Funds for active restoration and reforestation activities aimed at providing for more resilient and sustained forests. As in past Forest Health phases, the District will apply as part of the One Tam collaborative.	In progress; concept proposal due by the end of March.	
TBD	USBR	WaterSMART	On March 5, 2025, the Bureau of Reclamation published three WaterSMART funding opportunities to support water management, drought resilience, and innovation efforts. The available funding opportunities include: Small-Scale Water Efficiency Projects; Applied Science Grants; and Drought Response Program	Researching	
Water Supply	USACE	Congressionally Directed Spending Requests	Staff is pursuing funding through the congressional directed spending request process for the offices of Rep. Huffman, Sen. Padilla, and Sen. Schiff.	In progress; applications due 3/6, 3/13, and 3/16.	

DISCUSSION:

B. SUMMARY:

- AF = Acre Feet
- Mg/L = milligrams per liter
- MPN = most probable number
- MPY = mils per year
- MG = million gallons
- NTU = nephelometric turbidity units

1. Water Production:

	FY 2025/26		FY 2024/25	
	(million gallons)	(acre-feet)	(million gallons)	(acre-foot)
Potable				
Total production this FY	4,094	12,565	4,870	14,946
Monthly production, February	383	1,176	386	1,183
Daily average, February	13.69	42.00	13.77	42.26
Recycled				
Total production this FY	126.59	388.49	176.19	540.69
Monthly production, February	2.83	8.68	8.55	26.24
Daily average, February	0.10	0.31	0.31	0.94
Raw Water				
Total production this FY	34.14	104.76	61.56	188.92
Monthly production, February	0	0	0	0
Daily average, February	0	0	0	0
Imported Water				
Total imported this FY	1,492	4,579	1,443	4,429
Monthly imported, February	09	27	10	31
Reservoir Storage				
Total storage, February	25,926	79,565	25,920	79,546
Storage change during February	25,926	79,565	-07	-20
Stream Releases				
Total releases this FY	2,181	6,694	2,006	6,156
Monthly releases, February	2,181	6,694	75	230

2. <u>Precipitation:</u>	<u>FY 2025/26 (in.)</u>	<u>FY 2024/25 (in.)</u>
ALPINE	36.54	14.89
BON TEMPE	29.73	12.79
KENT	30.66	16.37
LAGUNITAS	34.87	15.98
NICASIO	20	10.77
PHOENIX	32.2	17.16
SOULAJULE	20.6	11.75
Average to date = 39.35 inches		

3. Water Quality:

<u>Laboratory</u>	<u>FY 2025/26</u>	<u>FY 2024/25</u>
Water Quality Complaints:		
Month of Record	10	16
Fiscal Year to Date	106	151
Water Quality Informational Inquiries:		
Month of Record	3	8
Fiscal Year to Date	70	93

The WQ Lab ensured that the water supplied met or surpassed water quality regulations by collecting and analyzing 1,426 analyses on treatment plants and distribution system samples.

Mild steel corrosion rates averaged 2.29 (0.66 – 3.57) MPY. The AWWA has recommended an operating level of <5 MPY with a goal of <1 MPY.

Complaint Flushing: One flushing event was performed at 18 Canyon Rd in Ross to improve water quality for the month on record.

Disinfection Program: No new pipelines were disinfected during the month of February. Performed chlorination on 2 water storage tanks to ensure compliance with bacteriological water quality regulations.

Tank Water Quality Monitoring Program: Performed 83 water quality-monitoring events on storage tanks for various water quality parameters this month to help ensure compliance with bacteriological water quality regulations.

Summary:

The Lab analyzed 1,426 treatment plant and distribution water samples, and the water quality department treated 2 tanks for low chlorine and checked an additional 83 tanks for low chlorine residual in February 2026.

4. Water Treatment:

<u>Treatment Results</u>	<u>San Geronimo</u>		<u>Bon Tempe</u>		<u>Ignacio</u>	
	Average	Monthly Goal	Average	Monthly Goal	Average	Monthly Goal
Turbidity (NTU)	0.06	≤ 0.10	0.03	≤ 0.10	0.06	≤ 0.10
Chlorine residual (mg/L)	2.76	2.75 *	2.86	2.75 *	2.85	2.75 *
Color (units)	0.3	≤ 15	0.2	≤ 15	0.0	≤ 15
pH (units)	7.8	7.8*	7.8	7.8*	7.9	8.1**

* Set monthly by Water Quality Lab

** pH to Ignacio is controlled by SCWA

5. Capital Improvement:

- a. Pine Mountain Tank Phase 2 – New Water Tanks Project (D21043): The Pine Mountain Tunnel Tanks Replacement Project is a multi-year two-phased project that will replace the existing Pine Mountain Tunnel. The current project (Phase 2) will construct two 90-foot inside diameter pre-stressed concrete potable water storage tanks, install yard piping and control systems, and complete final site grading.
 - Project Budget: \$19,142,500
 - Monthly Activities: With the project currently under its annual suspension during the Northern Spotted Owl nesting season, the District and its contractor are preparing for construction of the tanks next season. The District will begin construction work after the prohibition period ends on August 1, 2026, or after biological surveys identify that the owls have fledged their nests. The project is anticipated to be complete in 2029.
- b. San Geronimo Treatment Plant Roof Replacement Project (D21034): With the project currently under its annual suspension during the Northern Spotted Owl nesting season, the District and

its contractor are preparing for construction of the tanks next season. The District will begin construction work after the prohibition period ends on August 1, 2026, or after biological surveys identify that the owls have fledged their nests. The project is anticipated to be complete in 2029.

- Project Budget: \$ 1,495,747.00
- Monthly Activities: The Contractor continues to install the new roofing system. When the roof installation is complete, the contractor will install fall protection guardrails and access ladders. Project completion is estimated Summer 2026.

c. Canal Pipeline Replacement Project (GC25005): The Canal Pipeline Replacement Project will install approximately 3,800 feet of new 12", 8", 6", and 4" welded steel pipe to replace asbestos-cement pipe and leak-prone plastic service laterals installed as early as 1951. The District was awarded a Bay Area Integrated Regional Water Management (IRWM) Proposition 1 Round 2 grant in the amount of \$6,408,000 to implement the Marin City/San Rafael Water Supply Resilience Project. The grant also includes funding for community partners to conduct project-related outreach to support implementation and community-based water education activities.

- Project Budget: \$2,958,870
- Monthly Activities: The Contractor has completed water system installation and is performing final punchlist and paving work. The project will be completed in March 2026.

d. Bon Tempe Treatment Plant Backwash Valve Replacement Project (D23008): This project is part of the District's Capital Improvement Program and will address the deteriorating condition of the existing backwash system by replacing existing backwash valves, select pipe, and associated appurtenances.

- Project Budget: \$1,200,960
- Monthly Activities: The Contractor temporarily demobilized equipment for the Northern Spotted Owl work prohibition period beginning February 1. Work that remains includes interior backwash valve replacements, interior 8-inch plant water piping, and miscellaneous construction items. The project completion is estimated Summer 2026.

e. Kastania Pump Station Rehabilitation Project Phase II (D21027): This project will install a single, new high efficiency pump and motor and will incorporate various new drainage features at Kastania Pump Station. The project will also install a new 16" pressure relief valve and 8,000-gallon pressure relief discharge tank at Ignacio Treatment Plant.

- Project Budget: \$3,733,577
- Monthly Activities: The Contractor has begun the initial phase of the project, which includes providing equipment and materials submittals for District review and approval. Project completion is estimated Summer 2027.

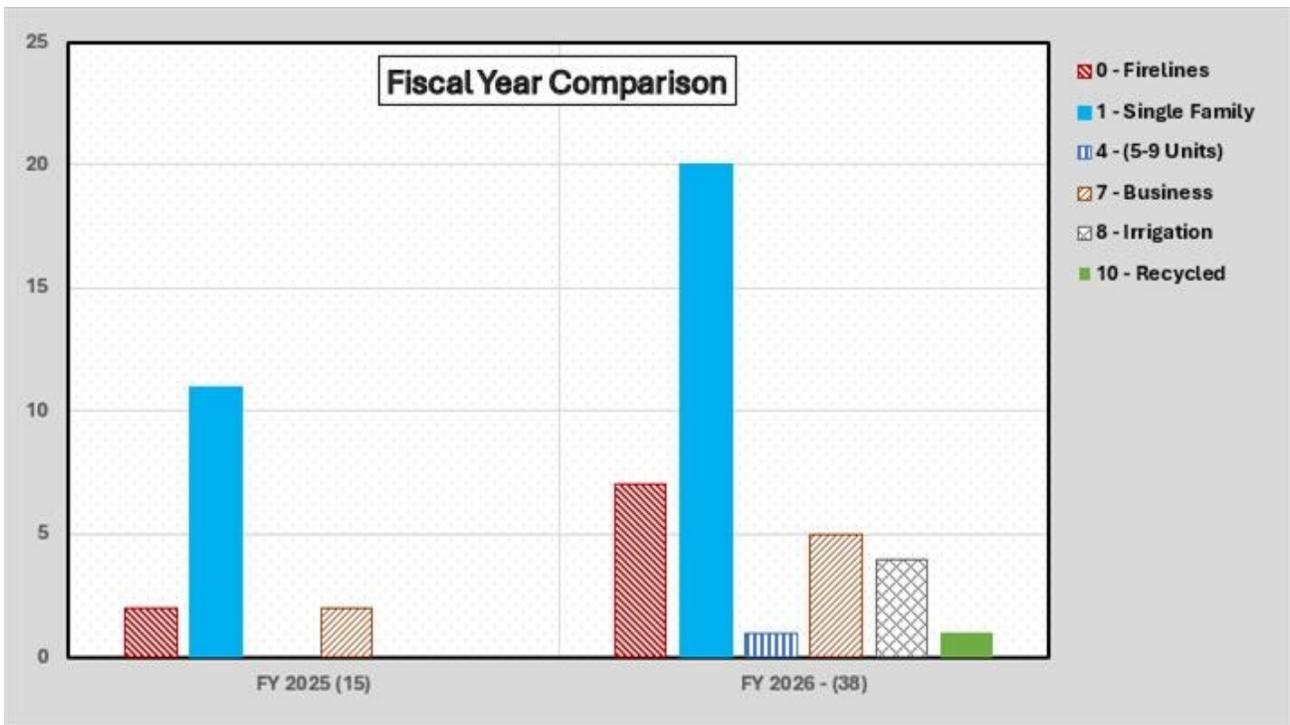
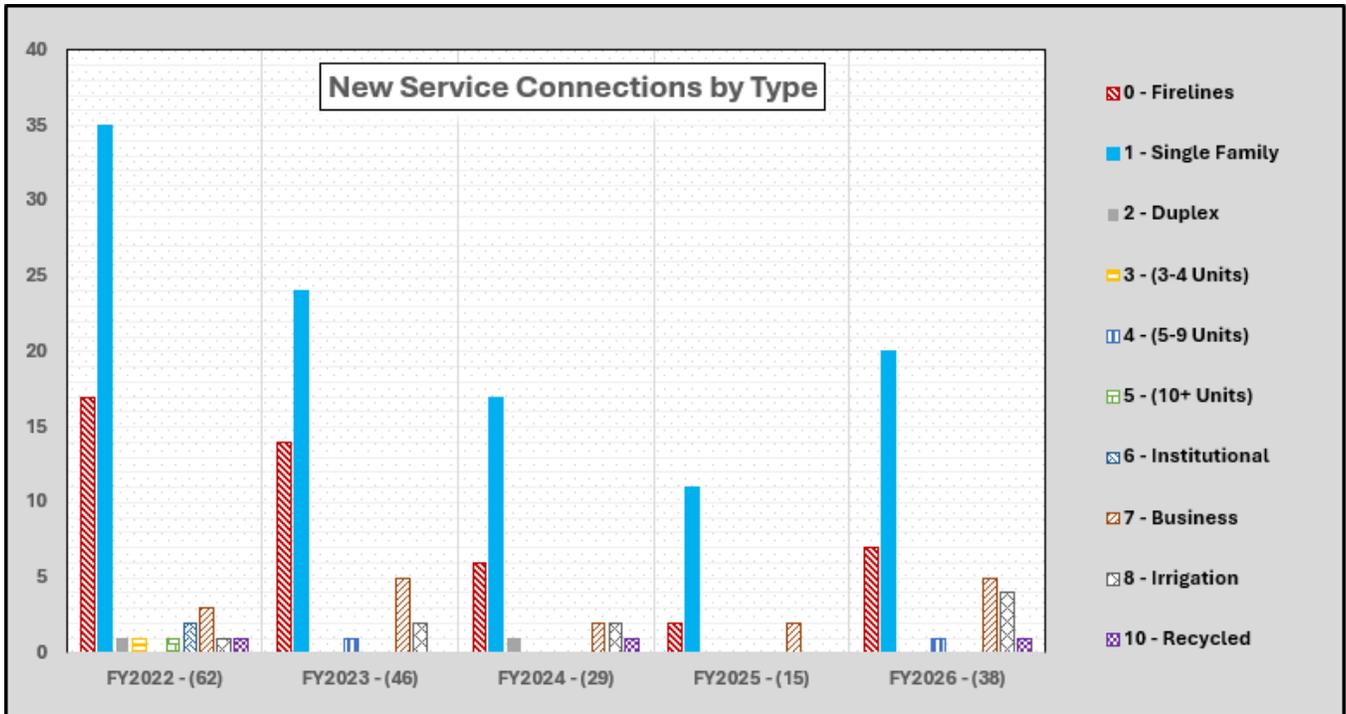
f. Marin City Phase II Pipeline Replacement Project (GC25005): Marin City Phase II Pipeline Replacement Project is a component of the District's Capital Improvement Program. The Project will install approximately 10,440 feet of 16, 8, 6 and 4-inch welded steel pipe to replace the old, leak prone, seismic deficient cast iron and asbestos cement piping installed as early as 1961.

- Project Budget: \$5,387,010

- Monthly Activities: The Contractor has completed over 3,000 feet of main water pipeline on Park Circle, Buckelew Street, and Burgess Court. After pressure testing and disinfection, the Contractor will begin transferring services on these streets and begin mainline and service installation on Braun Court. The Contractor will also begin operations on Donahue Street, working northerly towards Bay Vista Circle. The project is estimated to be completed by July 2026.
- g. Sleepy Hollow Pipeline Replacement Project (F24002): Sleepy Hollow Pipeline Replacement Project is a component of the District's Fire Flow Improvement Program. This Project will install approximately 4,250 feet of new 12-, 8-, and 6-inch welded steel pipe to replace old, leak-prone, fire flow deficient piping installed as early as 1932.
- Project Budget: \$2,328,132
 - Monthly Activities: The Contractor has received its encroachment permit and anticipates mobilizing to the project site in March. Work is anticipated to be completed Summer 2026.
- h. Alpine Barge Anchor and Pipe Float Replacement Project (D24010): This project will install new pipe floats, barge anchoring, connections, and appurtenances at the Alpine Reservoir pump barges located within District Watershed Lands.
- Project Budget: \$262,000
 - Monthly Activities: The District has begun preparations for performing this work using the On-Call Capital Construction Contract, and anticipates the On-Call Contractor mobilizing in March. The project will be complete early Summer 2026.
- i. Bolinas Road Pipeline Replace Project (D18026): This project will install approximately 4,350 feet of new 10", 8", 6" and 4" welded steel pipe to replace leak prone cast iron pipe that's over 100 years old.
- Project Budget: \$3,300,855
 - Monthly Activities: The contract was awarded at the February 24 Board of Directors meeting, and contract execution is underway. Work is anticipated to begin April 2026, and be completed Fall 2026.

6. Other:

Pipeline Installation	FY 2025/26	FY 2024/25
Pipe installed during February (feet)	3,736	3,838
Total pipe installed this fiscal year (feet)	13,222	21,699
Total miles of pipeline within the District	908*	908*
<i>* Reflects adjustment for abandoned pipelines</i>		
Pipe Locates (972 Responses)	FY 2025/26	FY 2024/25
Month of February (feet)	22,909	30,539
Total this fiscal year (feet)	217,434	296,275
Main Line Leaks Repaired	FY 2025/26	FY 2024/25
Month of February	4	9
Total this fiscal year (7/1/25-5/31/26)	86	103
Services	FY 2025/26	FY 2024/25
Service upgrades during February	15	13
Total service upgrades this FY	105	128
Service connections installed during February	2	0
Total active services as of March 1st, 2025	60,640	60,595
(Total Including firelines)	62,038	61,984



7. Recruitments and Hires:

The District recruited for the following positions:

1. Accounting Supervisor
2. Assistant or Associate Engineer
3. Field Supervisor
4. Landscape and Facilities Maintenance Coordinator
5. Mechanical & Electrical Maint Worker III/IV
6. Park Ranger I/II
7. Senior Human Resources Analyst – Training and Employee Engagement
8. Supervisor of Facilities Maintenance & Special Projects
9. Watershed Aide (Veg Management)

The District hired new employees for the following positions:

1. Customer Service Representative II (2)
2. Water System Technician

8. Demand Management:

	Feb-26	FY 25/26 TOTAL	FY 24/25 TOTAL	FY 23/24 TOTAL
WATER-EFFICIENCY PROGRAMS				
Water-Use Site Surveys				
Conservation Assistance Program (CAP) Consultations				
Residential properties resi 1-2 (single-family)	44	583	692	404
Residential properties resi 3-5 (multi-family units)	0	9	10	6
Non-residential properties resi 6-7 (commercial)	0	0	1	0
Dedicated irrigation accounts resi 8-10 (large landscape)	0	3	7	0
Marin Master Gardeners' Marin-Friendly Garden Walks				
Residential garden walks	7	94	147	173
Public Outreach, Education, Customer Service				
Public outreach events (number of people attending)	0	2522	3870	7022
Public education events (number of participants)	10	340	265	425
Department customer calls/emails	393	3939	6124	4485
Outreach to new Marin Water customers (letters sent)	248	1332	1483	1908
School Education				
School assemblies				
Number of activities	3	11	19	19
Number of students reached	888	2998	7212	21850
Field trips				
Number of activities	0	3	22	16
Number of students reached	0	60	471	343
Classroom presentations				
Number of activities	1	6	13	14
Number of students reached	15	129	390	457
Other (e.g. Earth Day booth events, school gardens)				
Number of activities	0	0	2	3
Number of students reached	0	0	225	400
Incentives				
Rain Barrel/Cisterns approved	0	3	14	9
Rain Barrel/Cisterns gallons	0	1860	13650	0
Rain Barrel Give-a-way (Gallons)	2500	11650	33550	4840
"Cash for Grass" Lawn Replacements total properties approved	3	58	81	61
"Cash for Grass" (Best Practices) square ft. lawn replaced	0	3721	17699	0
"Cash for Grass" (Standard) square ft. lawn replaced	2378	74410	51049	0
"Cash for Grass" (MCSTOPP) square ft. lawn replaced	0	5420	3555	0
Number of Laundry-to-Landscape Systems (kits) approved	0	0	0	1
Hot water recirculating system rebates	0	4	6	11
Pool Cover rebates	1	5	25	35
Number of Smart Home Water Monitor "Flume Direct Distribution" redeemed	16	282	456	544
Number of Smart Controllers MW rebates approved	1	15	37	49
Number of Smart Controllers "Rachio Direct Distribution" approved	5	72	184	219
Custom Rebate - Commercial and Multi-Family	1	1	1	0
Advanced Metering Infrastructure (AMI)				
AMI leak letters sent to customers (>200 GPD)	82	757	1319	1330
ORDINANCES				
Water Waste Prevention				
Water Waste Reports Received	1	68	177	224
Water Waste Notifications Sent	0	11	34	49
Landscape Plan Review				
Plans submitted	16	83	90	117
Plans exempt	4	15	15	23
Plans completed	2	18	23	30
Plans in workflow (pass & fail)	18	127	139	172
Tier 4 Exemption				
Inspections that resulted in a pass	0	0	1	2

9. Watershed Protection:

Trail Rescue on High Marsh Trail

On Saturday, February 28, the Rangers responded to a medical aid call on High Marsh Trail for a woman with a twisted ankle who was unable to walk. The Rangers found the patient more than a mile from the nearest road. Rangers coordinated with the local fire department to support a trail carryout using a wheeled litter. Besides the Ranger, Marin County Fire, Southern Marin Fire, and Marin Search and Rescue all assisted with the carryout. We are fortunate to work alongside great partner agencies here in Marin!



Ranger Mediate Visitor Dispute

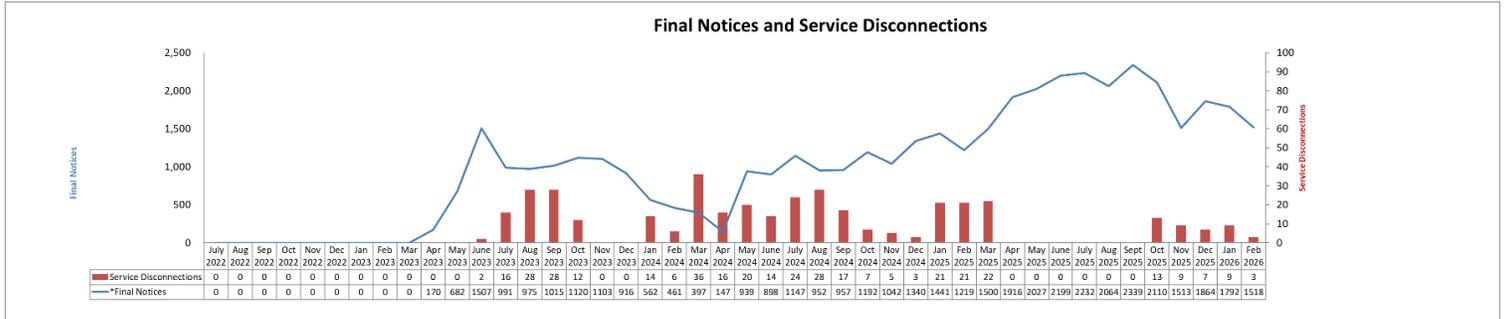
On a busy Saturday, a Ranger was performing a patrol check of the Lake Lagunitas Parking Lot when he observed a verbal dispute between visitors. A group of cyclists and a motorist were yelling at each other and were disturbing other visitors. The Ranger separated the groups and determined that the incident began when the motorist passed the cyclists aggressively on Sky Oaks Road. The cyclists then followed the motorist to the parking lot and confronted her. The Ranger got both parties to go their separate ways. The motorist was advised not to pass cyclists aggressively, and the cyclists were advised not to confront motorists. Both groups were advised to report these issues to a Ranger in the future.

RANGER ACTIVITIES	
Law Enforcement	#
MMWD Ordinance Violations	
• Cites	60
• Dog Off Leash	1
• Parking	59
• Warnings	121
Penal Code Violations	#
• Vandalism	6
• Verbal Dispute	1
Vehicle Code Violations	#
• Parking Violations Cites	15
Fish and Wildlife	#
• License Checks	25
Warnings	#
• All	121
Other	
Misc. Law Enforcement Calls	14
Ranger Callout	2
Assist Outside Law Enforcement	2
Medical/Fire	#
• Fire Service	2
• Medical Calls	4
• Assist Fire/EMS	1
Search and rescue	#
Search and Rescue	2
Preventive Search and Rescue	4
General	#
Visitor Assists	86
Dam Checks	80
Assist MMWD groups	46
Watershed Observation Reports	#
Received	5
Additional Patrols	
Foot	77 miles
Bike	62 miles
ATV/UTV	121 miles
Boat patrols	1
LIDAR patrols	6



10. Shutoff Notices and Disconnections:

Final Notices
 Service Disconnections
 * Includes 10 day and final notices



FISCAL IMPACT: Not Applicable.

ATTACHMENT(S): None.

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
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Office of the General
 Manager

Ben Horenstein
 General Manager

Ben Horenstein
 General Manager