



STAFF REPORT

Meeting Type: Board of Directors
Title: General Manager's Report October 2025
From: Ben Horenstein, General Manager
Meeting Date: November 18, 2025

TYPE OF ITEM: X Action Information

RECOMMENDATION:

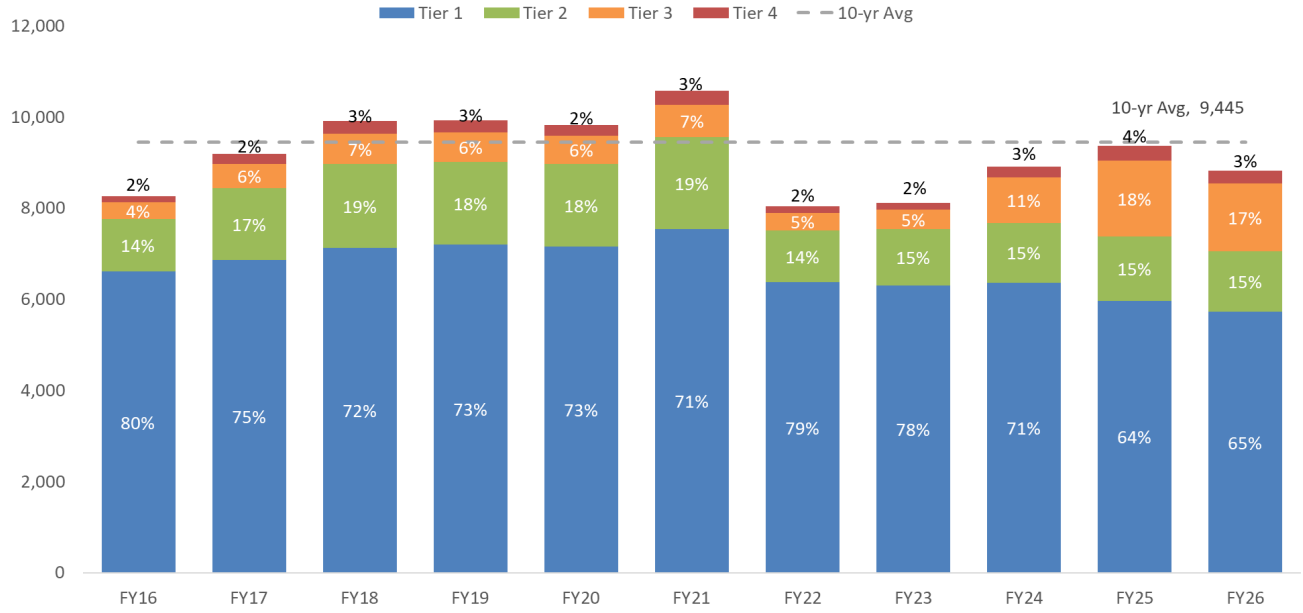
SUMMARY:

A. HIGHLIGHTS:

- The daily average net production for the month of October 2025 was 18.9 MGD compared to 24.1 MGD for the month of October 2024. Typical usage for October is 25.6 MGD.
- Staff completed the inspections of both clearwells at the San Geronimo Treatment Plant with the consultant team. The inspections will be used in determining the structural capacity of the clearwell roof for the addition of solar panels at this site, as well as any minor repairs to the interior of the clearwells. Installing additional solar panels on the clearwell will allow the District to reduce its energy bill at the SGTP by approximately 10%, helping to reduce the District's energy costs and carbon foot print.
- Staff have received and are currently reviewing the Tocaloma Pump Station Rehabilitation Project 90% design plans and specifications. The rehabilitation includes the installation of a new electrical system, including variable frequency drives, pumps, motors and seismically resilient fire hardened structure. These upgrades will significantly improve its operational system reliability and resiliency against natural disasters. This project is on track to advertise for construction early next year.
- Staff had the opportunity to participate at the Marin Accessory Dwelling Unit Fair and Open House at the Corte Madera Town Hall. Staff were able to engage residents who were considering and had questions about the water service application process. Staff were able to educate residents in the process, answer their questions and direct customers to the correct links on the District's website for the application process.
- Staff responded to 1,168 underground service alert tickets and marked out approximately 42,770 feet of pipe in the month of October, helping ensure that District underground infrastructure was not damaged by contractors or homeowners during excavation work.

- In coordination with the Marin County Fire Department maintenance staff completed a 47 acre prescribed fire and subsequent mop up on Knob II Unit C near Bon Tempe Lake.
- Staff completed monthly dam and spillway inspections and finished vegetation maintenance and tree work at the Leo T. Cronin Fish Viewing Area prior to its reopening for the season.
- The District continued implementation of BFFIP Year 7 through October 2025 and completed forest mastication and fuels treatment of approximately 100 acre Rock Spring Extension unit. Using new contracts 2050 (Veg Maintenance) and 2051 (Forestry & Pile Burn Support) crews have begun working in the Fish Grade and Worn Springs units. Prescribed burn prep work continues at Ridgecrest Blvd. and pile burn prep near Ross Reservoir. Crews have begun annual vegetation maintenance on seven District dams and spillways per CA State Division of Safety of Dams regulations.
- Hosted College of Marin students in an advanced biology class. Students learned about the history and benefits of prescribed burns and how that ties into forest health.
- Carried out two rounds of visitor intercept surveys at 5 locations around the Watershed as part of the e-Bike Pilot Program.
- Staff participated in Marin County Community Wildfire Protection Plan scoping and technical review meetings to provide early input on plan development.
- Fisheries staff began annual juvenile salmon surveys in Lagunitas, San Geronimo, and Devil's Gulch Creeks, with a goal of capturing and PIT tagging 1,200 fish by early fall.
- Fisheries staff completed field work to support gravel augmentation study by placing PIT tagged gravel in Lagunitas Creek to monitor gravel transport.

TIER CONSUMPTION AS OF OCTOBER 2025 (Acre Feet)



PROJECT	FUNDER	FUNDER PRIORITIES	FUNDING OPPORTUNITY	MATCHING PROJECT	DESCRIPTION	STATUS	AWARD AMOUNT
Prop.1. Round 2 IRWM Disadvantaged Community	DWR	Water Infrastructure	Prop.1. Round 2 IRWM Disadvantaged Community	Marin City/San Rafael Infrastructure	Replacing aging transmission lines and laterals in Marin City and San Rafael's Canal District	Awarded; in progress and on track. Funding MOU and work plan is executed and in place with Multicultural Center of Marin.	\$6,408,000
Forestry Corps	CCNB	Vegetation Management		Ongoing Forestry work	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	Fisheries Restoration Grant Program (FRGP)	Lagunitas Creek Restoration	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	Fisheries	Riverine Stewardship Program (RSP)	Lagunitas Creek Restoration	Gravel augmentation for Lagunitas CreekThe Lagunitas Creek Salmon Spawning Gravel Project will inject 1,700 tons of clean river-run gravel just below Peters Dam and Kent Lake at two sites within Lagunitas Creek. This project is part of a larger 13-site project with over 100 large wood structures and gravel to restore 4 miles of Lagunitas Creek to its historical geomorphic condition. This would be the first time that gravel augmentation would be conducted in Lagunitas Creek.	Awarded; in progress and on-track.	\$590,000
Lagunitas Creek Salmonid Spawning Gravel Improvement Project	USBR Environmental Restoration Project	Fisheries		Lagunitas Creek Restoration	Gravel augmentation for Lagunitas Creek Sites 1-3	Awarded; in progress and on-track.	\$1,400,000
Rain Water Harvesting Project	MCSTOPP	Conservation		Conservation	Barells for customers	Awarded; in progress and on-track.	\$15,032
Urban Multi-Benefit Drought Relief (UMDR)	DWR	Water Resources	Urban Multi-Benefit Drought Relief (UMDR)	SWSA	Strategic Water Supply Assessment	Working on no-cost extension to wrap up final reports/invoices and closeout items	\$2,000,000
Water Conservation: turf rebates	USBR	Conservation	Water and Energy Efficiency Grant (WEEG)	Conservation		Term goes through September 2026 but we've spent nearly all of these funds.	\$722,925
Prop 1. Fisheries Restoration Grants Concept Proposals	CDFW	Fisheries	Lagunitas Creek Coho Enhancement Project Phase 1	Lagunitas Creek Restoration	Lagunitas Creek Restoration Sites 1-6	Awarded; in progress and on track	\$4,659,898
Azalea Hill Trail Restoration	California State Parks	Trail Restoration	Recreational Trails Program (RTP)	Watershed	Azalea Hill Restoration	Awarded; in progress and on-track. Working on last invoice and closeout items.	\$952,657
One Tam Regional Forest Health Project	CA WCB	Forestry Restoration		BFFIP Implementation		Awarded; in progress and on-track. MMWD funds have all been spent down.	\$4,260,000
WaterSMART Aplied Science	USBR	Water Resources		Advanced Weather Modeling	Funding for weather modeling to inform water resources management	Awarded; in progress.	\$150,628.00
One Tam Regional Forest Health Project Phase II	CAL FIRE	Forestry Restoration	California Climate Investments Department of Forestry and Fire Protection Forest Health Program 2023-2024	BFFIP Implementation	BFFIP Implemenation for 2-3 years	Awarded; in progress and on-track.	\$6,966,078
TOTAL FUNDED:							\$29,224,907

PENDING GRANTS							
PROJECT	FUNDER	FUNDER PRIORITIES	OPPORTUNITY	DATE SUBMITTED	AMOUNT REQUESTED	DESCRIPTION	STATUS
Lagunitas Creek Coho Enhancement Phase 2	Wildlife Conservation Board	Restoration	Full Application	8/27/2025	\$1,109,000	Short pre-application submitted to WCB for review 5/27/25. The District was invited to submit a full proposal on 7/10.	Pending and potentially dependent on Prop 4 appropriations; we are hoping to be considered at the February 2026 WCB board meeting.
One Tam Block Grant	California Natural Resources Agen	Forestry Restoration	Block/Regional Grant	7/2/2025	\$10,371,070	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.	Pending; hosting Assemblymember Connolly on 11/17

UPCOMING GRANTS					
FUNDER	OPPORTUNITY	FUNDER PRIORITIES	PROJECT	DESCRIPTION	STATUS
Various	Prop. 4 Bond Funding	Various	TBD	Funds have been appropriated for FY2025-26 but disbursement is delayed while various granting agencies complete or update program guidelines.	Monitoring
Economic Development Agency	Economic	Disaster Recovery	TBD	Federal - \$1.45B in available funds on a rolling (first-come, first served) basis. Staff will attend an informational webinar on 11/13 to inform next steps and better understand alignment.	

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-feet)
Potable				
Total production this FY	2,816	8,643	3,068	9,414
Monthly production, October	588	1,804	743	2,279
Daily average, October	18.97	58.21	23.95	73.51
Recycled				
Total production this FY	114.39	351.05	130.39	400.16
Monthly production, October	14.33	43.98	25.81	79.19
Daily average, October	0.46	1.42	0.83	2.55
Raw Water				
Total production this FY	34.14	104.76	40.25	123.52
Monthly production, October	2.28	7	7.18	22.03
Daily average, October	0.07	0.23	0.23	0.71
Imported Water				
Total imported this FY	1,185	3,637	1,091	3,349
Monthly imported, October	250	768	287	880
Reservoir Storage				
Total storage, October	20,603	63,229	20,440	62,728
Storage change during October	-452	-1,386	-823	-2,526
Stream Releases				
Total releases this FY	881	2,704	923	2,831
Monthly releases, October	198	609	234	718

2. Precipitation:

	<u>FY 2025/26 (in.)</u>	<u>FY 2024/25 (in.)</u>
ALPINE	4.94	0.85
BON TEMPE	3.25	0.48
KENT	5.37	0.62
LAGUNITAS	3.52	0.45

NICASIO	2.36	0.43
PHOENIX	3.03	0.32
SOULAJULE	2.35	0.26
Average to date = 3.62 inches		

3. Water Quality:

<u>Laboratory</u>	<u>FY 2025/26</u>	<u>FY 2024/25</u>
Water Quality Complaints:		
Month of Record	10	15
Fiscal Year to Date	51	73
Water Quality Informational Inquiries:		
Month of Record	9	23
Fiscal Year to Date	46	57

The WQ Lab ensured that the water supplied met or surpassed water quality regulations by collecting and analyzing 1,760 analyses on treatment plants and distribution system samples.

Mild steel corrosion rates averaged 1.88 (0.29 – 3.06) MPY. The AWWA has recommended an operating level of <5 MPY with a goal of <1 MPY.

Complaint Flushing: No flushing events for the month on record.

Disinfection Program: No new pipeline were disinfected during the month of October. Performed chlorination on 65 water storage tanks to ensure compliance with bacteriological water quality regulations.

Tank Water Quality Monitoring Program: Performed 188 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 1,760 treatment plant and distribution water samples, and the water quality department treated 65 tanks for low chlorine and checked an additional 188 tanks for low chlorine residual in October 2025.

4. Water Treatment:

<u>Treatment Results</u>	<u>San Geronimo</u>		<u>Bon Tempe</u>		<u>Ignacio</u>	
	Average	Monthly	Average	Monthly	Average	Monthly
		Goal		Goal		Goal
Turbidity (NTU)	0.06	≤ 0.10	0.03	≤ 0.10	0.04	≤ 0.10
Chlorine residual (mg/L)	2.63	2.75 *	2.77	2.75 *	2.76	2.75 *
Color (units)	0.6	≤ 15	0.3	≤ 15	0.0	≤ 15
pH (units)	7.8	7.8*	7.8	7.8*	8.0	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, will install yard piping and control systems, and will then complete final site grading.
 - Project Budget: \$19,142,500
 - Monthly Activities: The Contractor is continuing to install storm drain facilities at the tank site on Concrete Pipe Road. This first year of work is anticipated to continue through January 2026, depending on weather conditions.
- b. San Geronimo Treatment Plant Roof Replacement Project (D21034): The San Geronimo Treatment Plant Roof Replacement Project is a component of the District's Capital Improvement Program. This project will remove and replace the existing leaky roof membrane with a new Class A Fire Rated Thermoplastic Polyolefin (TPO) and add fall protection to the San Geronimo Treatment Plant and North Marin Line Pump Station.
 - Project Budget: \$1,495,747.00
 - Monthly Activities: The Contractor continues to install the new roofing system. When the roof has been replaced, the contractor will install fall protection guardrails and access ladders. Project completion is estimated November 2025.
- c. Glenwood Transmission Pipeline Replacement/Fire Flow Improvement Project (F22002): The Glenwood Transmission Pipeline Replacement Project is a component of the District's Fire Flow Improvement Program. This Project will install approximately 6,470 feet of new 18", 16",

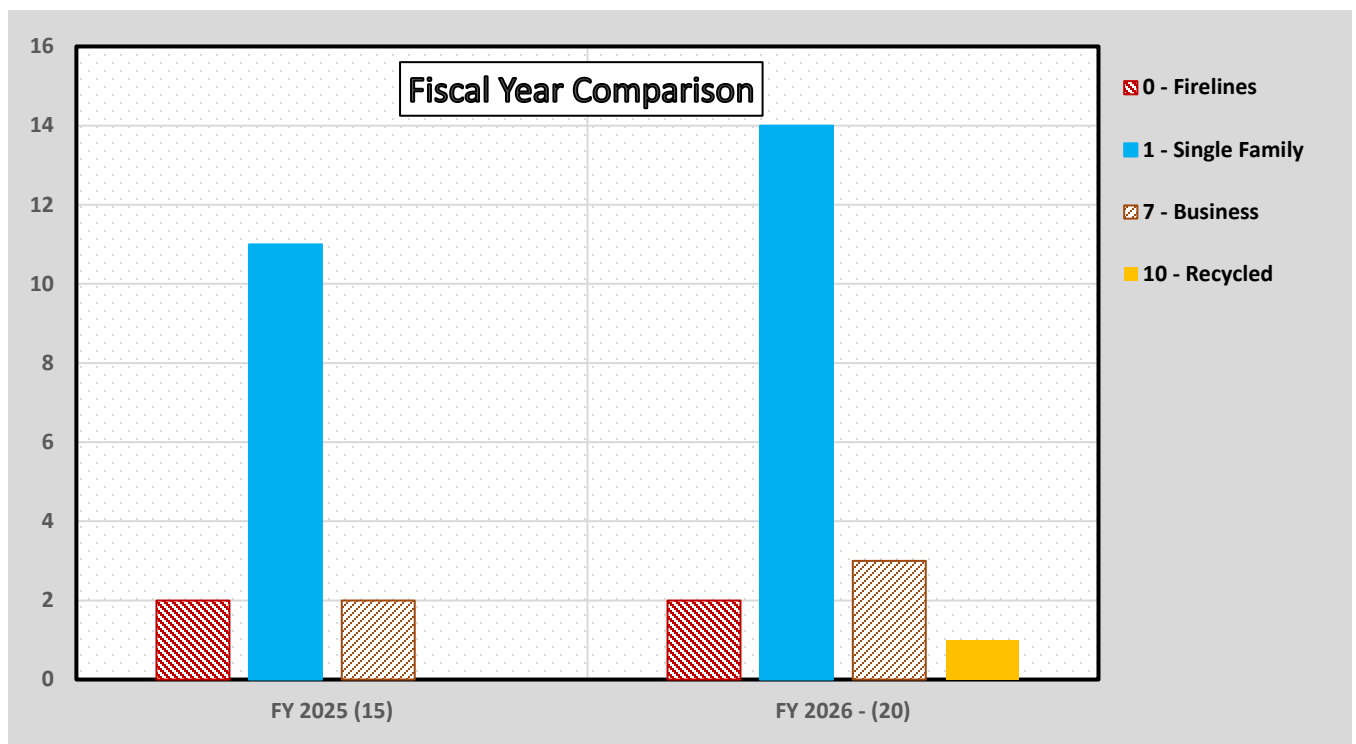
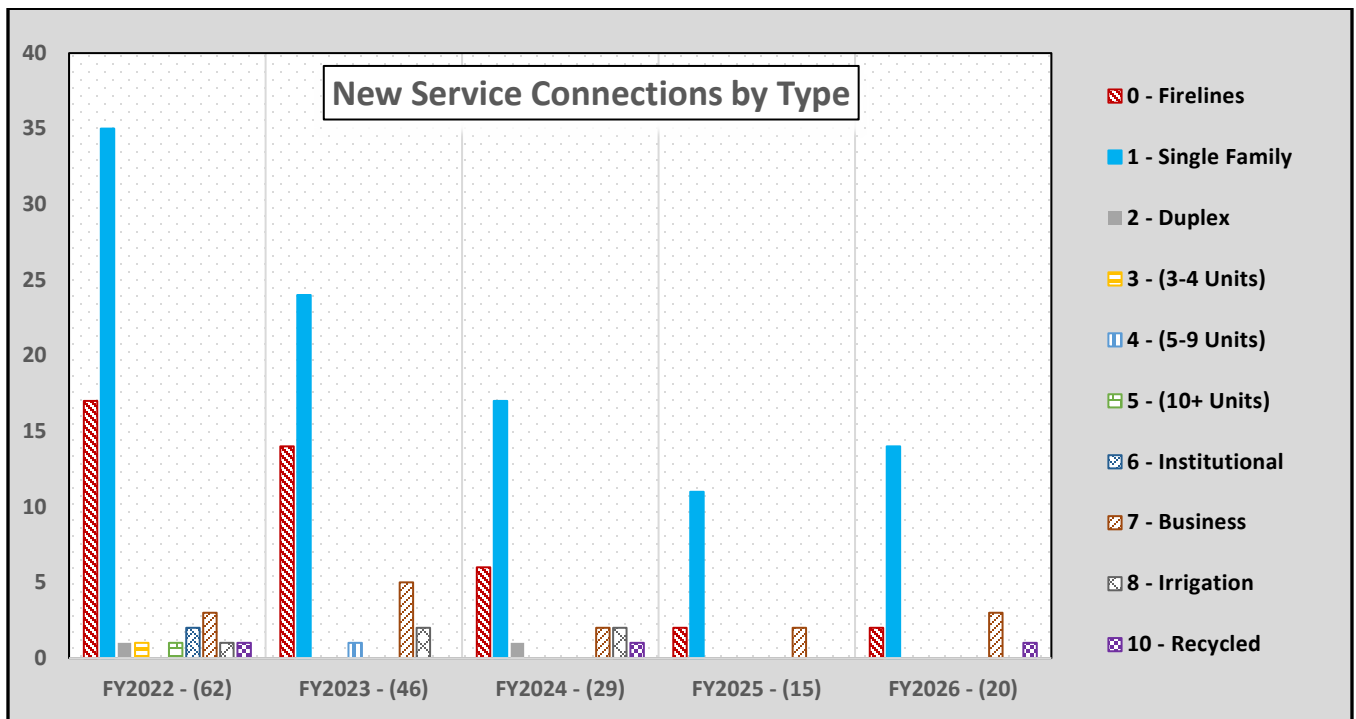
12", 8", 6", and 4" welded steel pipe to replace the old, leak-prone, fire flow deficient piping installed as early as 1928.

- Project Budget: \$4,962,000
- Monthly Activities: The Contractor has completed underground water system installation and paving. The work that remains includes concrete flatwork and miscellaneous project punch list items. Project completion is estimated in November 2025, ahead of schedule.

- d. Bridgeway Pipeline Replacement Project (D24027): The Bridgeway Pipeline Replacement Project is a component of the District's Capital Improvement Program. The Project will install approximately 870 feet of 12, 8 and 6-inch welded steel pipe to replace old, leak-prone cast iron, and asbestos cement pipe installed as early as 1943.
- Project Budget: \$677,000
 - Monthly Activities: The Contractor has completed all water system installation and paving work. The work that remains includes roadway striping and miscellaneous project punch list items. The project will be completed October 2025.
- e. 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 project was awarded for construction at the August 19 Board of Directors meeting and the contract has been executed. A preconstruction meeting was held October 2. Field work is anticipated to begin late October. Project completion is estimated in February 2026.

6. Other:

Pipeline Installation	FY 2025/26	FY 2024/25
Pipe installed during October (feet)	11	2,525
Total pipe installed this fiscal year (feet)	5,878	13,398
Total miles of pipeline within the District	908*	908*
<i>* Reflects adjustment for abandoned pipelines</i>		
Pipe Locates (1,168 Responses)	FY 2025/26	FY 2024/25
Month of October (feet)	42,770	41,488
Total this fiscal year (feet)	149,302	154,532
Main Line Leaks Repaired	FY 2025/26	FY 2024/25
Month of October	11	18
Total this fiscal year (7/1/25-5/31/26)	53	49
Services	FY 2025/26	FY 2024/25
Service upgrades during October	12	17
Total service upgrades this FY	68	71
Service connections installed during October	3	0
Total active services as of November 1st, 2025	60,654	60,617
(Total Including firelines)	62,044	62,012



7. Recruitments and Hires:

The District recruited for the following positions:

1. Associate Engineer
2. Assistant or Associate Engineer
3. Assistant Utility-Maintenance Worker
4. Customer Service Representative I/II
5. Water System Technician

The District hired new employees for the following positions:

1. Natural Resources Technician II – Temp/Limited Duration

Employees promoted through competitive process:

1. Senior Customer Service Field Inspector

8. Demand Management:

	Oct-25	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)	102	332	692	404
Residential properties resi 3-5 (multi-family units)	0	1	10	6
Non-residential properties resi 6-7 (commercial)	0	0	1	0
Dedicated irrigation accounts resi 8-10 (large landscape)	0	1	7	0
Marin Master Gardeners' Marin-Friendly Garden Walks				
Residential garden walks	15	61	147	173
Public Outreach, Education, Customer Service				
Public outreach events (number of people attending)	0	2500	3870	7022
Public education events (number of participants)	300	330	265	425
Department customer calls/emails	571	2382	6124	4485
Outreach to new Marin Water customers (letters sent)	234	592	1483	1908
School Education				
School assemblies				
Number of activities	1	2	19	19
Number of students reached	364	721	7212	21850
Field trips				
Number of activities	1	3	22	16
Number of students reached	19	60	471	343
Classroom presentations				
Number of activities	0	4	13	14
Number of students reached	0	103	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	1	2	14	9
Rain Barrel/Cisterns gallons	1000	1530	13650	0
Rain Barrel Give-a-way (Gallons)	3000	6600	33550	4840
"Cash for Grass" Lawn Replacements total properties approved	6	27	81	61
"Cash for Grass" (Best Practices) square ft. lawn replaced	0	1130	17699	0
"Cash for Grass" (Standard) square ft. lawn replaced	3422	31744	51049	0
"Cash for Grass" (MCSTOPP) square ft. lawn replaced	0	1120	3555	0
Number of Laundry-to-Landscape Systems (kits) approved	0	0	0	1
Hot water recirculating system rebates	0	1	6	11
Pool Cover rebates	0	1	25	35
Number of Smart Home Water Monitor "Flume Direct Distribution" redeemed	59	176	456	544
Number of Smart Controllers MW rebates approved	1	8	37	49
Number of Smart Controllers "Rachio Direct Distribution" approved	15	58	184	219
Custom Rebate - Commercial and Multi-Family	0	0	1	0
Advanced Metering Infrastructure (AMI)				
AMI leak letters sent to customers (>200 GPD)	77	427	1319	1330
ORDINANCES				
Water Waste Prevention				
Water Waste Reports Received	7	50	177	224
Water Waste Notifications Sent	1	9	34	49
Landscape Plan Review				
Plans submitted	14	42	90	117
Plans exempt	1	5	15	23
Plans completed	1	10	23	30
Plans in workflow (pass & fail)	19	78	139	172
Tier 4 Exemption				
Inspections that resulted in a pass	0	0	1	2

9. Watershed Protection:

Search and Rescue Incident

At 10 PM on October 31st, one of our resident Rangers was alerted by the Marin County Sheriff's dispatcher for an overdue 65-year-old hiker who was last known to be near Bon Tempe Lake at 5:30 PM. When the hiker didn't return home, his wife called 911. According to the wife, the hiker had a dead phone, no lights, and was parked at Rock Spring, expecting to finish the hike by 7 PM. The Ranger, along with a State Park Ranger and a Sheriff's Deputy, began a hasty search of the fire roads between Bon Tempe and Rock Spring. When that failed to locate the hiker, a callout was made to the Marin County Search and Rescue Team (SAR). Our Ranger worked closely with the SAR leadership and arranged for the lower section of Kent and Stocking Trails to be searched first. At 1 AM, the first SAR team sent into the field found the hiker on Kent Trail at Van Wyck Team. The hiker was tired and thirsty, but otherwise in good condition. He was hiked out to the nearest road and then provided a ride back to his car.

MMWD Rangers Provide Specialized Training

Senior Ranger Matt Cerkel was the lead instructor for an 8-hour "Basic Wildland Fire Pump Operations" course, which was attended by over 20 people, including MMWD Rangers and Watershed Maintenance staff, and Rangers from the Midpeninsula Regional Open Space, City of Palo Alto, and City of San Jose. The course covered basic pump operations, drafting from a static water source, basic hydraulics, and supply hose lines. The training also allowed the Rangers to evaluate a type of fire slip-on pumper unit that the District is considering purchasing for a new Ranger patrol truck/Type 6 engine to replace an existing 16-year-old Ranger patrol truck/Type 6 engine.



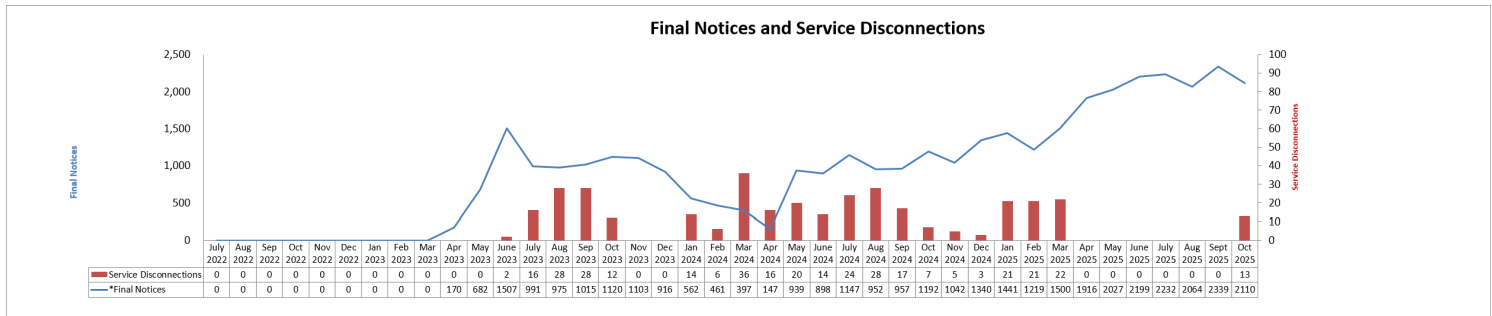
Senior Ranger Cerkel overseeing pump training using a Type 6 engine/patrol truck.

RANGER ACTIVITIES	
Law Enforcement	#
<u>MMWD Ordinance Violations</u>	
☑ Cites	22
☑ Bike on Trail	1
☑ Parking	20
<u>Penal Code Violations</u>	
☑ Vandalism	9
☑ Illegal Dumping	1
☑ Theft	1
<u>Vehicle Code Violations</u>	
☑ Parking Violations	1
☑ Misc. Vehicle Code Violation	3
<u>Fish and Wildlife</u>	
☑ License Checks	15
☑ Warning for Fish and Game Violations	3
<u>Warnings</u>	
☑ All	95
<u>Other</u>	
☑ Assist Other Law Enforcement Agency	4
<u>Medical/Fire</u>	
Responses	
☑☑ Medical Calls	3
☑☑ Assist Fire/EMS	1
☑ Fire Service	9
☑ Prescribed Fire	1
<u>Search and Rescue</u>	
☑☑☑ Search and Rescue	1
☑☑☑ Preventive Search and Rescue	1
<u>General</u>	
Visitor Assists	86
Dam Checks	100
Assist MMWD work groups	58
Assist Other Agencies	2
<u>Watershed Observation Reports</u>	
☑ Received	5
<u>Additional Patrols</u>	
☑ Foot	63 miles
☑ Bike	201 miles
☑ ATV/UTV	62 miles
☑ LIDAR	3
☑ Boat	3




10. Shutoff Notices and Disconnections:

*Final Notices
Service Disconnections
* Includes 10 day and final notices



FISCAL IMPACT: None.

ATTACHMENT(S): None.

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Office of the General Manager	<hr/>	
	Ben Horenstein General Manager	Ben Horenstein General Manager