



STAFF REPORT

Meeting Type: Board of Directors
Title: General Manager's Report August 2026
From: Ben Horenstein, General Manager
Meeting Date: September 15, 2026

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve Report

SUMMARY:

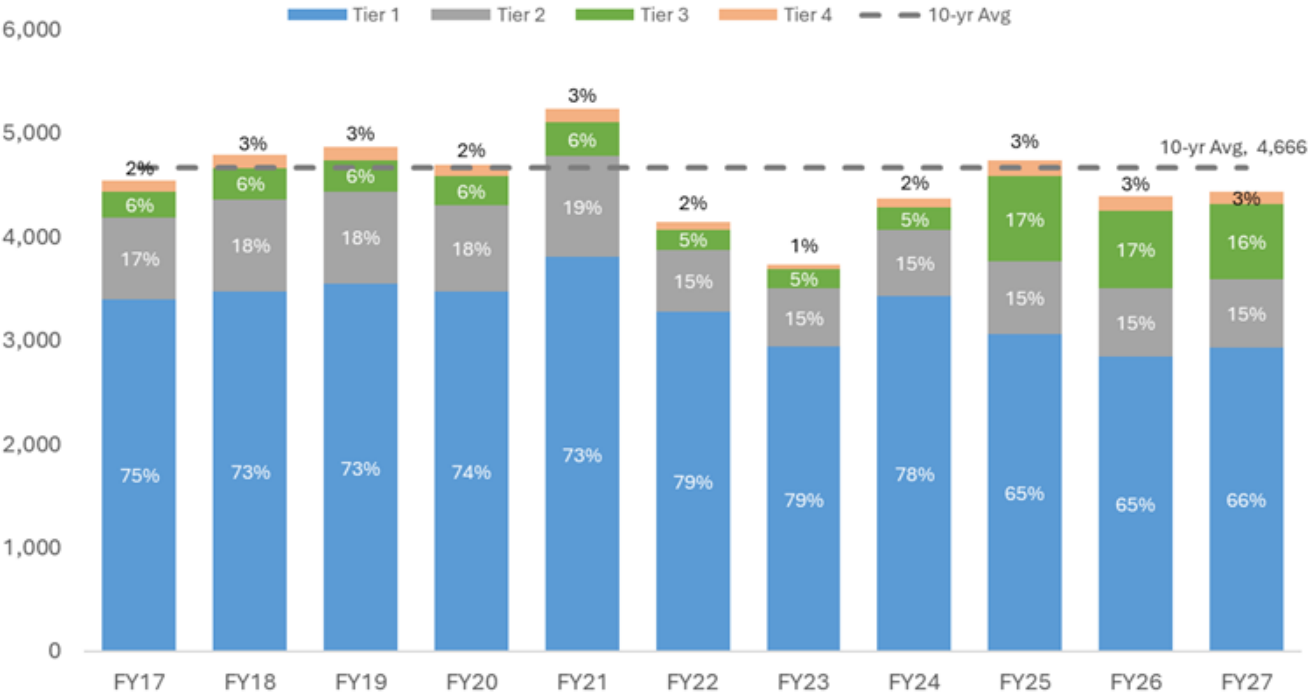
A. HIGHLIGHTS:

- The daily average net production for the month of August 2026 was 24.7 MGD compared to 24.5 MGD for the month of August 2025. Typical usage for August is 31.5 MGD.
- Staff received proposals for the Seeger Spillway Modernization Project. Staff interviewed the consultant teams and will be making a recommendation for award of contract at the September 15 Board meeting. The selected consultant will provide design of the preferred alternative to address the concerns the Division of Safety of Dam (DSOD) had on deficient underdrains and lack of modern spillway standards. Completing the design work will allow the District to execute a future contract to rehabilitate the spillway by bringing it up to modern day standards and back into a satisfactory rating with DSOD.
- Staff have completed condition assessments of the outlet works at both Bon Tempe and Phoenix Dam. Staff are working closely with the consultant team to finalize the report that will feed into the design of outlet valve and other appurtenant components to replace equipment that is leaking and has exceeded its service life, helping to restore full functionality of the outlet works at Phoenix and Bon Tempe Dams.
- Staff responded to 1,188 underground service alert tickets and marked out approximately 34,387 feet (~6.51 miles) of pipe in the month of August, helping ensure that District underground infrastructure is not damaged by contractors or homeowners during excavation work.
- Staff identified through SCADA that the Fairfax Transmission Line 16-inch control valve was not fully opening causing restricted flow through the North Marin Line, a critical system pipeline. The issue was traced to a failed open solenoid, which was replaced, restoring full valve functionality and ensuring reliable system flow capacity.
- Staff developed a solution to electrically isolate two currently interconnected rectified piping

systems in preparation for the upcoming Scott Highlands Tank coating project. The proposed insulation design will improve system troubleshooting, prevent interference between rectifier systems, and enhance the effectiveness of cathodic protection, resulting in more reliable long-term pipeline corrosion protection.

- Staff responded to a reported 8-inch class I water main break at 1801 Mar West Street in Tiburon on 8/23/26 at 2:38am. The damaged main was originally installed in 1921 and operates at approximately 120 PSI. Staff worked quickly to isolate and repair the break, minimizing service impacts. A total of 16 service laterals were affected. Due to the main break causing a loss in pressure in the distribution system in the surrounding area, additional flushing was required to restore normal operations throughout the affected area.
- Staff successfully replaced a 120-foot section of 2-inch plastic water main at East Francisco Boulevard and Grand Avenue in San Rafael. The 2-inch plastic pipe had experienced more than 10 leaks during its 55-year service life.
- Knob 1 Rx Burn was completed on August 25th. This operation was completed with the support from MCFD, MCFD Fire Foundry, Central Marin FD, Stinson Beach FD, Bolinas FD, Kentfield FD, Watershed Maintenance, and Watershed Natural Resources. With this large collaborative effort of over 100 fire personnel these agencies were able to safely ignite 84.2 acres within 2 hours. The burn unit remained under watch for multiple days, while heavy fuel in the interior of the unit safely burned down. At the same time on the days after ignition MCFD Tam Crew and Watershed staff continued to perform mop-up operations in the unit.
- Pine Point Rx Burn was completed on August 26th. This operation was completed with the support from MCFD, MCFD Fire Foundry, Central Marin FD, Stinson Beach FD, Bolinas FD, Kentfield FD, Watershed Maintenance, and Watershed Natural Resources. With this large collaborative effort of 86 fire personnel. These agencies were able to safely ignite 40.2 acres. Watershed Maintenance and Ranger staff were able to use a Marin Water boat and portable pumps to more efficiently conduct mop-up operations on more remote sections of the burn.
- The "Rooted in the Watershed" guided hike series continued with a midweek hike around Lake Lagunitas to discuss oak woodland habitat and the forest health work we have done in the area. The final hike was a Saturday outing with State Park partners at Samuel P Taylor that focused on the quiet power of Redwoods.
- Work has begun on the 72" x 120' Soulajule culvert replacement project on District property near the Barboni Ranch.
- Staff completed monthly dam and spillway inspections and have begun coordinating and completing annual vegetation maintenance at all seven District dams prior to Division of Safety of Dams annual inspections.
- Construction began on Phase 1C of the Lagunitas Creek Habitat Enhancement Project, including installing a temporary water diversion system, relocating fish from the construction area, and importing log and rock materials.
- Fisheries continued annual snorkel surveys of Lagunitas Creek to determine juvenile salmon abundance and monitor the effectiveness of previous enhancement work.

TIER CONSUMPTION AS OF AUGUST 2026
(Acre Feet)



AWARDED GRANTS					
PROJECT	FUNDER	FUNDING OPPORTUNITY	DESCRIPTION	STATUS	AWARD AMOUNT
Marin City and Canal Pipeline Replacement Project	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 ahead of schedule. All funds have been spent down and final invoice submitted. Staff is working with DWR to complete closeout activities.	\$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
Lagunitas Creek Salmonid Spawning Gravel Improvement Project- Phase 2 Design	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.	\$1,990,000
Lagunitas Creek Salmonid Spawning Gravel Improvement Project	USBR		Gravel augmentation for Lagunitas Creek Sites 1-3	Awarded; in progress and on-track. No-cost extension was executed to extend through 2026 construction.	\$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
Lagunitas Creek Salmonid Spawning Gravel Improvement Project	CDFW	Prop 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; closeout package and final invoice have been submitted and are under review.	\$952,657
One Tam Regional Forest Health Project	CA WCB		BFFIP implementation. \$4,260,000 total award; \$2,880,000 District award.	Awarded; in progress and on-track.	\$4,260,000
Water Resources - Modeling	USBR	WaterSMART Applied Science	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	California Climate Investments Department of Forestry and Fire Protection Forest Health Program 2023-2024	BFFIP Implementation. \$6,966,078 total award; \$3,520,000 District award.	Awarded; in progress and on-track.	\$6,966,078
Lagunitas Creek Salmonid Spawning Gravel Improvement Project	Wildlife Conservation Board	Restoration	Funding for construction of Phase 2A in 2027	Secured	\$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.	Secured; Marin Water was written into the FY26 Army Corps workplan. Staff have begun coordinating with USACE SF.	\$2,000,000
TOTAL FUNDED:					\$31,733,907

PENDING (SUBMITTED) GRANTS					
PROJECT	FUNDER	FUNDING OPPORTUNITY	DESCRIPTION	STATUS	AMOUNT REQUESTED
Water Supply	USACE	FY27 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.	Rep. Huffman: Declined Sen. Padilla: Pending Sen. Schiff: Pending	\$3M
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
Cash for Grass Turf Replacement	USBR	WaterSMART Small-Scale Water Efficiency	Funds requested to support the FY28-FY29 Cash for Grass rebates.	Pending; staff submitted a full proposal on 6/1/26	\$83,250
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.	Staff submitted a concept proposal on 3/2 and a full proposal on 6/2. Staff met with CDFW FRGP program staff on 7/9 to review the project.	\$400,000
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.	One Tam submitted a pre-proposal 3/28/26 and was invited to submit a full proposal. The full proposal is pending and was submitted on 6/27/26.	\$7,893,175
Pump Station Hardening	CAL FIRE	Wildfire Prevention Grants	stations to protect critical water supply infrastructure and reduce wildfire risk in the wildland-urban interface. Treatments will include vegetation thinning, ladder fuel reduction, hazardous tree removal, and debris clearing within defensible space zones surrounding pump stations. The project will improve resilience of water infrastructure serving approximately 200,000 residents and thousands of structures in Moderate, High, and Very High Fire Hazard Severity Zones.	Pending; staff submitted full proposal 7/8	\$200,000
ARC	USBR	WaterSMART Drought Response	Up to \$1.5M for projects designed to improve drought resilience by developing effective water management strategies and drought contingency plans. \$13.5M total available with 20 awards expected. District proposal requested \$1.5M for construction costs.	Pending; staff submitted full proposal 7/28	\$1,500,000
Co-Benefits of One Tam Vegetation Treatments	CAL FIRE	Forest Health Research Grant Program	This solicitation will fund collaborative research that supports forest health and greenhouse gas reduction at landscape scales through improved forest and vegetation management across California. Our proposed project is a cross-jurisdictional field study of the effects of One Tam's vegetation treatments on multiple indicators of forest health co-benefits in priority forest types in Marin County. Leading indicators of improved forest health that may respond rapidly to vegetation treatments include metrics representing tree vigor, native plant recruitment, soil health, and wildlife habitat, and these same metrics are also leading indicators of expected co-benefits, including carbon sequestration, biodiversity, cultural value, economic and recreation, and water.	Pending; concept proposal submitted 7/30/26	\$750,000
Seeger Dam Modernization	USACE	Report to Congress on Future Water Resources Development	The Annual Report to Congress on Future Water Resources Development provides an opportunity for communities to inform Congress about their interest in a new congressional authorization – or modifying an existing authorization – for specifically authorized Civil Works water resources studies, projects, and environmental infrastructure programs.	Pending; submitted 8/31/26	\$27,500,000
OPEN FUNDING OPPORTUNITIES					
PROJECT	FUNDER	FUNDING OPPORTUNITY	DESCRIPTION	STATUS	TIMELINE
Beneficial Gravel ReUse	USBR	WaterSMART Enhancing Water Resources	The WaterSMART Enhancing Water Resources Projects funding opportunity supports collaboratively developed projects that benefit multiple water users, improve water supply reliability, and enhance watershed health. Note: this funding opportunity was previously known as Environmental Water Resources Projects.	In progress	Closes September 9, 2026
BFFIP	CAL FIRE	Regional Wildfire & Landscape Resilience	The CAL FIRE Regional Wildfire and Landscape Resilience Grants fund collaborative, multi-benefit projects—such as hazardous fuels reduction, prescribed burns, and reforestation—to reduce wildfire risk and improve ecosystem health. The District will apply as part of the One Tam collaborative.	One Tam submitted a concept proposal on 6/30/26. Update: CAL FIRE Regional Landscape Grants Program received 42 concept proposals for this solicitation, totaling \$401,130,604.39 . One Tam is one of only 7 collaboratives selected to submit full proposals. The Regional Grants Program has \$30 million to award; total request for selected organizations: \$80,473,347. One Tam request: \$19,572,547.	Closes October 6, 2026

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 2026/27		FY 2025/26	
	(million gallons)	(acre-feet)	(million gallons)	(acre-feet)
Potable				
Total production this FY	1,523	4,673	1,535	4,712
Monthly production, August	762	2,338	786	2,413
Daily average, August	24.58	75.43	25.36	77.83
Recycled				
Total production this FY	71.78	220.28	71.26	218.69
Monthly production, August	35.58	109.19	36.21	111.12
Daily average, August	1.15	3.52	1.17	3.58
Raw Water				
Total production this FY	20.33	62.39	21.64	66.42
Monthly production, August	10.49	32.20	10.06	30.89
Daily average, August	0.34	1.04	0.32	1.00
Imported Water				
Total imported this FY	609	1,869	631	1,936
Monthly imported, August	319	979	317	974
Reservoir Storage				
Total storage, August	21,866	67,104	21,840	67,026
Storage change during August	-907	-2,784	-971	-2,980
Stream Releases				
Total releases this FY	459	1,409	450	1,382
Monthly releases, August	229	703	226	695

2. <u>Precipitation:</u>	<u>FY 2026/27 (in.)</u>	<u>FY 2025/26 (in.)</u>
ALPINE	0.00	0.00
BON TEMPE	0.00	0.00
KENT	0.00	0.00
LAGUNITAS	0.00	0.00
NICASIO	0.00	0.00
PHOENIX	0.00	0.00
SOULAJULE	0.00	0.00
Average to date = 0.00 inches		

3. Water Quality:

<u>Laboratory</u>	<u>FY 2026/27</u>	<u>FY 2025/26</u>
Water Quality Complaints:		
Month of Record	17	16
Fiscal Year to Date	33	27
Water Quality Informational Inquiries:		
Month of Record	8	7
Fiscal Year to Date	16	18

The WQ Lab ensured that the water supplied met or surpassed water quality regulations by collecting and analyzing 1,630 analyses on treatment plants and distribution system samples.

Mild steel corrosion rates averaged 4.61 (0.61 – 7.16) MPY. The AWWA has recommended an operating level of <5 MPY with a goal of <1 MPY.

Complaint Flushing: No customer complaint flushing was recorded for the month on record.

Disinfection Program: No new pipeline was disinfected during the month of August. Performed chlorination on 44 water storage tanks to ensure compliance with bacteriological water quality regulations.

Tank Water Quality Monitoring Program: Performed 54 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 1,630 treatment plants and distribution water samples, and the water quality department treated 44 tanks for low chlorine and checked an additional 54 tanks for low chlorine residual in August 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	0.05	≤ 0.10
Chlorine residual (mg/L)	2.77	2.75 *	2.75	2.75 *	2.75	2.75 *
Color (units)	0.4	≤ 15	0.2	≤ 15	0.1	≤ 15
pH (units)	7.9	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, install yard piping and control systems, and complete final site grading.

- Project Budget: \$19,142,500
- Monthly Activities: The contractor is nearing completion of the tank subgrade preparation. The subcontractor has mobilized to the project site and has begun construction of the tank foundations. Project completion is estimated in 2029.

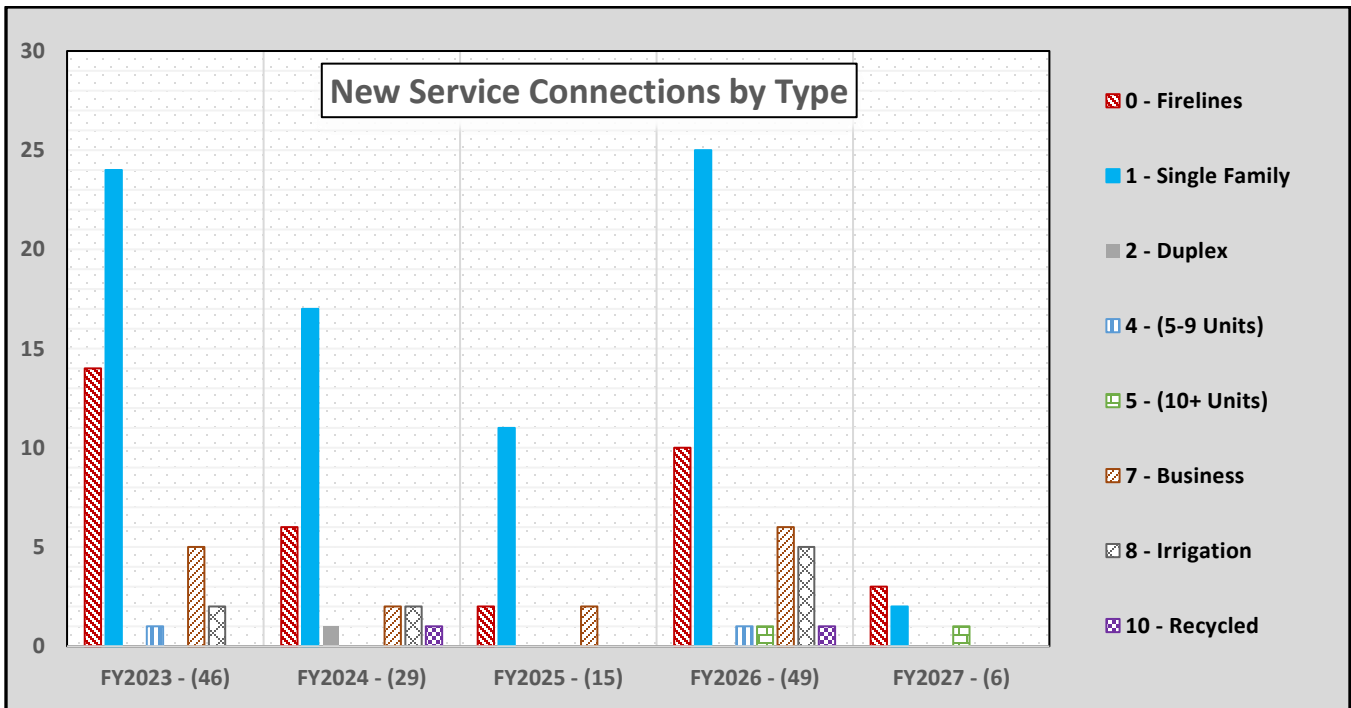
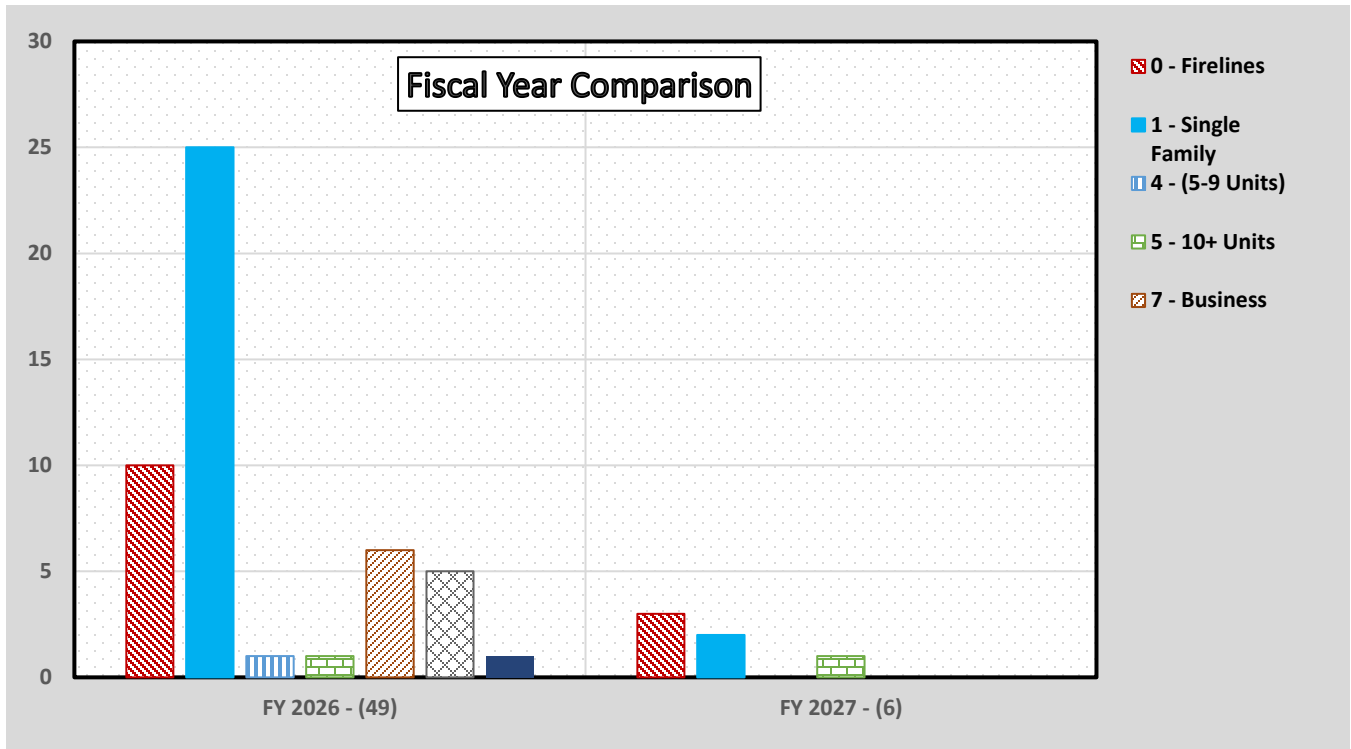
- b. San Geronimo Treatment Plant Roof Replacement Project (D21034): The San Geronimo Treatment Plant Roof Replacement Project is a component of the District's Capital Improvement Program. This project will remove and replace the existing leaky roof membrane with a new Class A fire-rated thermoplastic polyolefin (TPO) roof membrane and will install fall protection guardrails at the San Geronimo Treatment Plant and North Marin Line Pump Station.
- Project Budget: \$1,495,747
 - Monthly Activities: The contractor is nearing completion of the project, and the remaining work consists of a small amount of ballasted guardrail installation and minor punchlist items. Project completion is estimated Summer 2026.
- c. 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 has completed the installation of the new backwash valve actuator and the 8-inch house water piping. The District is currently testing the new backwash valve before the existing valve is permanently taken out of service and the project is completed. Project completion is estimated to be September 2026.
- d. 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 continues to perform the initial phase of the project, which includes procuring equipment and materials for installation. Project completion is estimated Summer 2027.
- e. 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 completed all underground facility installation and trench pavement restoration. The remaining work includes completing final minor punchlist items and restoration of one roadway monument. The District is coordinating these closeout activities with the County of Marin and contractor. The project is anticipated to be closed out completely this summer.

- f. 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 construction project is on hold until further notice. The District is working with various partnering jurisdictions to reinitiate the project.
- g. Tocaloma Pump Station Rehabilitation Project (D20008): This project is a component of the District's Capital Improvement Program and rehabilitates the Tocaloma Pump Station. The project consists of various facility improvements including constructing a new seismically resilient and fire-hardened electrical control building, installing new electrical switchgear, replacing five (5) pumps and motors, installing variable frequency drives for each pump, and replacing critical valves and appurtenances.
- Project Budget: \$12,085,685
 - Monthly Activities: The contractor continues to prepare and submit initial project submittals, and material and equipment procurement for District review and approval. The earliest field mobilization date is estimated May 2027. The estimated completion date is December 2028.
- h. Scenic Avenue Tank Replacement Project (D25025): This project is a component of the District's Capital Improvement Program and replaces an existing 20,000-gallon redwood tank in San Anselmo with a new seismically resilient bolted steel tank.
- Project Budget: \$715,024
 - Monthly Activities: The contractor continues to prepare initial project submittals, and material and water tank procurement. Construction mobilization date is estimated Spring 2027, upon tank fabrication and delivery.
- i. Miracle Mile East Pipeline Replacement Project (D26016): This project is a component of the District's Capital Improvement Program and replaces approximately 1,840 feet of aged leak-prone piping on Fourth Street, also known as the "Miracle Mile," near the Second and Fourth Street intersection.
- Project Budget: \$1,489,000
 - Monthly Activities: The contractor is currently obtaining their encroachment permit from the City of San Rafael and is preparing initial project submittals. Construction field work is anticipated to begin in September. The project is anticipated to be complete Fall 2026.
- j. Pump Station Fire Hardening Improvement Project (D26028): This project improves various District facilities to harden them from risks associated with wildfires. The project prioritizes improvements within Defensible Space Zones 0 and 1, which are most vulnerable to wildfire impacts. The proposed actions are intended to reduce ember intrusion, limit combustible materials, and strengthen structural protection from the risk of wildfires. In Zone 0, the project includes upgrading the facilities with 180-minute fire-rated doors, adding 1/8-inch fire-rated screens to existing vents, and sealing gaps around utility penetrations with approved non-combustible materials.
- Project Budget: \$507,000

- Monthly Activities: The Notice to Proceed was issued August 19, 2026 and the District is preparing a preconstruction meeting agenda. The contractor is preparing project submittals and planning for mobilization. Project completion is anticipated Winter 2026/2027.

6. Other:

Pipeline Installation	FY 2026/27	FY 2025/26
Pipe installed during August (feet)	20	3,177
Total pipe installed this fiscal year (feet)	129	4,491
Total miles of pipeline within the District	908	908
<i>* Reflects adjustment for abandoned pipelines</i>		
Pipe Locates (1,188 Responses)	FY 2026/27	FY 2025/26
Month of August (feet)	34,387	29,990
Total this fiscal year (feet)	65,038	80,330
Main Line Leaks Repaired	FY 2026/27	FY 2025/26
Month of August	11	11
Total this fiscal year (7/1/26-5/31/27)	27	29
Services	FY 2026/27	FY 2025/26
Service upgrades during August	12	13
Total service upgrades this FY	33	43
Service connections installed during August	4	0
Total active services as of September 1st, 2026	60,666	60,612
(Total Including firelines)	62,070	61,998



7. Recruitments and Hires:

The District recruited for the following positions:

1. Corrosion Control Technician I/II
2. Ecologist, Vegetation I/II
3. Mechanical & Electrical Maintenance Worker III or IV
4. Meter Reader and Repair Worker I - Limited Duration
5. Project Coordinator

The District hired new employees for the following positions:

1. Park Ranger II
2. Junior Engineer
3. Assistant Utility-Maintenance Worker
4. Summer Helper - Meter Box Maintenance
5. Intern - Marketing & Digital Communication

8. Demand Management:

	Aug-26	FY 26/27 TOTAL	FY 25/26 TOTAL	FY 24/25 TOTAL
WATER-EFFICIENCY PROGRAMS				
Water-Use Site Surveys				
Conservation Assistance Program (CAP) Consultations				
Residential properties resi 1-2 (single-family)	76	162	872	692
Residential properties resi 3-5 (multi-family units)	0	0	10	10
Non-residential properties resi 6-7 (commercial)	2	4	16	1
Dedicated irrigation accounts resi 8-10 (large landscape)	0	0	8	7
Marin Master Gardeners' Marin-Friendly Garden Walks				
Residential garden walks	24	43	152	147
Public Outreach, Education, Customer Service				
Public outreach events (number of people attending)	1	1	8731	3870
Public education events (number of participants)	19	19	239	265
Department customer calls/emails	526	1127	5944	6124
Outreach to new Marin Water customers (letters sent)	183	274	2019	1483
School Education				
School assemblies				
Number of activities	0	0	14	19
Number of students reached	0	0	4883	7212
Field trips				
Number of activities	0	0	15	22
Number of students reached	0	0	334	471
Classroom presentations				
Number of activities	0	0	17	13
Number of students reached	0	0	565	390
Other (e.g. Earth Day booth events, school gardens)				
Number of activities	0	0	4	2
Number of students reached	0	0	160	225
Incentives				
Rain Barrel/Cisterns approved	0	0	4	14
Rain Barrel/Cisterns gallons	0	0	3980	13650
Rain Barrel Give-a-way (Gallons)	100	1450	15900	33550
"Cash for Grass" Lawn Replacements total properties approved	13	25	89	81
"Cash for Grass" (Best Practices) square ft. lawn replaced	966	966	4571	17699
"Cash for Grass" (Standard) square ft. lawn replaced	12432	28439	89970	51049
"Cash for Grass" (MCSTOPP) square ft. lawn replaced	0	2200	7961	3555
Number of Laundry-to-Landscape Systems (kits) approved	0	1	2	0
Hot water recirculating system rebates	0	0	6	6
Pool Cover rebates	3	3	6	25
Number of Smart Home Water Monitor "Flume Direct Distribution" redeemed	19	52	390	456
Number of Smart Controllers MW rebates approved	4	10	29	37
Number of Smart Controllers "Rachio Direct Distribution" approved	10	25	127	184
Custom Rebate - Commercial and Multi-Family	1	1	1	1
Advanced Metering Infrastructure (AMI)				
AMI leak letters sent to customers (>200 GPD)	116	179	1184	1319
ORDINANCES				
Water Waste Prevention				
Water Waste Reports Received	14	27	114	177
Water Waste Notifications Sent	4	7	23	34
Landscape Plan Review				
Plans submitted	8	13	120	90
Plans exempt	0	1	31	15
Plans completed	0	0	36	23
Plans in workflow (pass & fail)	9	23	204	139
Tier 4 Exemption				
Inspections that resulted in a pass	0	0	0	1

9. Watershed Protection:

Prescribed Burns

Ranger and maintenance staff assisted Marin County Fire with two fuel-reduction prescribed burns in August. Several local fire agencies also provided personnel and equipment on the burns that, combined, reduced fuels on over 130 acres of watershed.

Welcome New Rangers

We recently added 2 new Rangers to our staff.

Garrett Anderson most recently worked for a winery in Sonoma County. Mike has prior police and fire experience and is an EMT. He is currently in the first phase of the Ranger Field Training Program.



Alexandra "Alex" Panarra worked as a watershed aide before coming to the Ranger Unit. She also has prior fire experience and is an EMT. Alex will be attending the POST Police Academy in Santa Rosa in January.



Welcome New Deputy

Deputy Mike Thompson. Mike has over 20 years of experience as a Deputy Sheriff here in Marin. We welcome Mike and look forward to having him share his breadth of knowledge and be a part of our group.



Deputy Roberto Walton is leaving us to take a detective position in the Sheriff's Investigations unit. His service at MMWD was greatly appreciated.

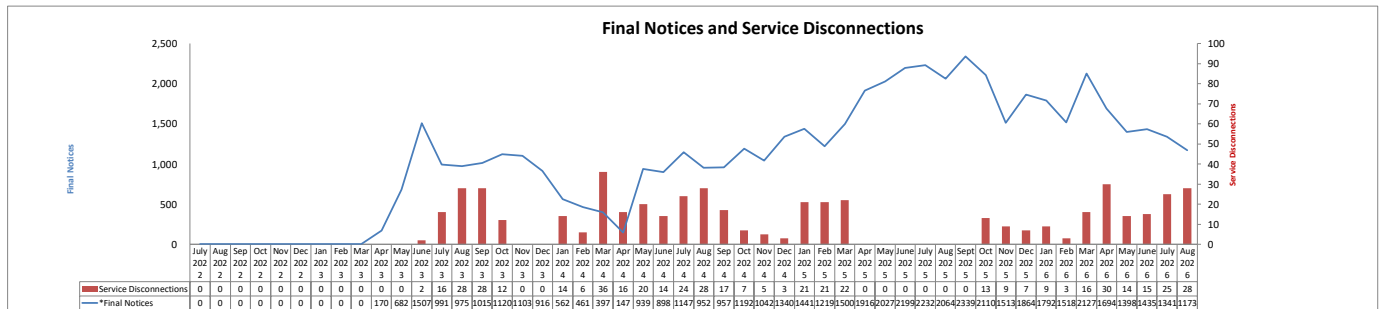


RANGER ACTIVITIES	
Law Enforcement	#
MMWD Ordinance Violations	
Citations	46
Dog Off Leash	31
Bike on Trail	4
Illegal Trail Building	4
Swimming	1
Parking	33
Warnings	98
Penal Code Violations	#
Vandalism	4
Resisting a Peace Officer	2
Theft	1
Vehicle Code Violations	#
• Parking Violations Cites	45
• Obstruct Traffic	1
Fish and Wildlife	#
• License Checks	11
• Warning for Fishing Violations	7
Other	
Misc. Law Enforcement Calls	23
Humane/Animal Related	5
Suspicious Circumstances	2
Fire Service	6
Search and Rescue	1
Medical/Fire	#
• Medical Calls	2
General	#
Visitor Assists	91
Dam Checks	39
Assist MMWD groups	30
Outreach and Interpretation Events	3
Watershed Observation Reports	#
Received	7
Additional Patrols	
Foot	45 miles
Bike	25 miles
ATV/UTV	10 miles
Boat patrols	1
LIDAR patrols	2



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		
	Ben Horenstein General Manager	Ben Horenstein General Manager