



STAFF REPORT

Meeting Type: Board of Directors
Title: General Manager's Report July 2026
From: Ben Horenstein, General Manager
Meeting Date: August 18, 2026

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve Report

SUMMARY:

A. HIGHLIGHTS:

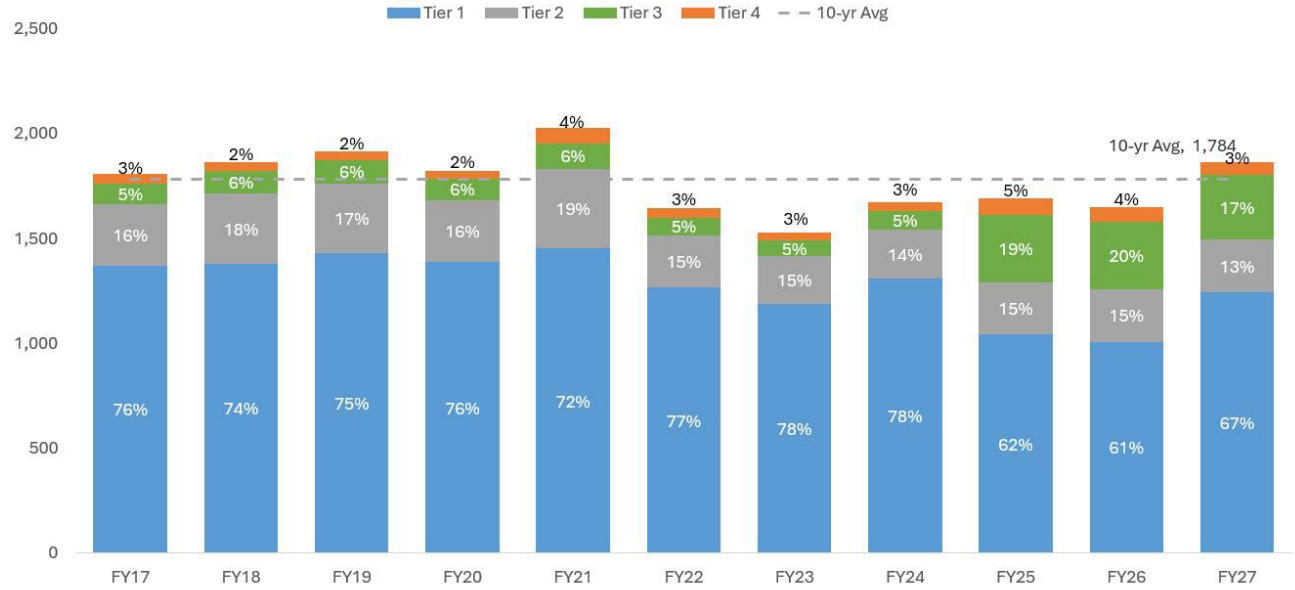
- The daily average net production for the month of July 2026 was 24.3 MGD compared to 24.1 MGD for the month of July 2025. Typical usage for July is 32.0 MGD
- Staff issued a request for proposals to hire a consultant team experienced in design and rehabilitation of dams and spillways, in response to the recent downgrading of Seeger Dam by the Division of Safety of Dams (DSOD). The consultant will provide design of the preferred alternative to address the DSOD concerns and modernize the spillway, ensuring the spillway can handle extreme hydrologic and seismic events and bring Seeger Dam back into a satisfactory rating by DSOD.
- Staff advertised the Fire Flow Improvement Program Palm Avenue Pipeline Replacement Project this month, which will replace approximately 1,430 for fire flow deficient leak-prone cast iron pipe installed in 1937. This project is a component of the District's Fire Flow Improvement Program, which will improve fire flow to the area and seismic resiliency. Concurrent coordination of this project with Marin County DPW is also taking place, ensuring that the pipeline is replaced ahead of their road rehabilitation project, reducing the risk of a main break on a newly rehabilitated road. Staff anticipate award of the construction contract in the following month.
- Staff advertised a request for quote to replace an existing 200 horsepower pump and motor at the North Marin Line Booster Pump Station. The North Marin Line Booster Pump Station moves treated water from San Geronimo Treatment Plant to the Smith Saddle Tanks for use within the potable water distribution system. The existing pump is original, has been refurbished multiple times, and is beyond its useful life. Replacement of this aging infrastructure will improve system reliability to the distribution system. Staff responded to 1,210 underground service alert tickets and marked out approximately 45,198 feet (~8.56 miles) of pipe in the month of June, helping

ensure that District underground infrastructure is not damaged by contractors or homeowners during excavation work.

- Staff successfully replaced a control power transformer at Alpine Pump Station, restoring a critical electrical system that provides the control power necessary to operate pumping equipment and maintain the transfer of water from Alpine Lake to Bon Tempe Lake.
- Staff successfully completed a pipeline improvement project on Easterby Street in Sausalito. The project involved abandoning a 40-foot section of 12-inch cast iron water main that served a single fire hydrant and relocating the hydrant to the corner of Bridgeway and Easterby Street. Crews installed three new 12-inch gate valves and replaced the water main section with new sections of 12-inch PVC and steel pipe. The work required extensive coordination between multiple District departments, the City of Sausalito, and several local businesses to minimize impacts for the successful completion of this job.
- Completed a water service renewal job on Wilson Court in San Rafael, where multiple leaks have occurred on aging plastic service laterals located at the end of the cul-de-sac. Coordinating with the City of San Rafael, staff renewed six plastic service laterals before the City's roadway paving restoration work was completed. Proactively replacing these services within the paving restoration limits, reduces the potential for future leaks, avoids the need for costly street restorations and minimizes potential disruption to residents.
- Staff participated in a specialized workshop led by a PG&E Damage Investigator, focused on improving safety and awareness when working around underground utilities. The workshop covered safe excavation practices near underground infrastructure, Underground Service Alert (USA) procedures, and provided valuable insight into the location and operation of PG&E gas mains throughout Marin County. The workshop also provided a hands-on guidance and practical knowledge that will help staff identify potential hazards, prevent utility strikes, and ensure compliance with industry safety standards.
- Completed a 10-week infrastructure improvement project in the Madera Park Gardens neighborhood of Corte Madera, renewing 73 plastic water service laterals. The project was completed in close coordination with the Town of Corte Madera and scheduled ahead of the Town's roadway rehabilitation and paving project planned for this summer. Renewing these plastic service laterals reduces the likelihood of leaks and emergency repairs and helps protect newly paved streets minimizing future impacts to customers.
- Staff completed alarming for upgraded master data radio repeaters at the Ring Mountain, Corte Madera, and Mt. Tamalpais sites. These critical communication assets support remote monitoring and automation across the distribution system.
- Staff collaborated to install a temporary data radio to maintain SCADA communications during the Scenic Avenue Tank Replacement Project.
- Fisheries worked with HR to onboard a new Natural Resources Technician, Ben Fujita, who will support the Lagunitas Enhancement Project and routine biological monitoring activities.
- Watershed Staff completed monthly fire training focusing on portable pumps, tanks and drafting and attended First Aide/CPR with the District's consultant HSI Safety Training Institute.
- Watershed BFFIP actions included treating 107.82 acres for Yellow Star Thistle, Early Detection Rapid Response work focused on Ehrharta Grass, annual defensible space work continued around watershed facilities and vegetation maintenance at boat ramps was completed.
- Staff has been working on fire road maintenance, including Lagunitas-Rock Spring and Middle Eldridge Grade to allow for safe access for fire apparatus.

- Watershed interpretation continued to focus on the "Rooted in the Watershed" guided hike series explores the stories and science behind healthy forests and watersheds. Staff led hike near Rock Spring with a focus on Sargent Cypress and in the Tennessee Valley area which focused on Eucalyptus.
- Staff worked with the Parks Conservancy to lead a group of 23 elders from the Rafiki Coalition around Lake Lagunitas, engaged 25 folks at Pickleweed Library in a family nature journaling event, and ran a nature walk for Novato Library 60 patrons along their local creek.
- Staff led an Eagle Scout Project highlighted by replacing a 20' redwood bridge on the Cross Country Boy Trail.
- Fisheries began annual snorkel surveys of Lagunitas Creek to determine juvenile salmon abundance and monitor the effectiveness of previous enhancement work.
- Pre-construction coordination and surveys were conducted for Phase 1C of the Lagunitas Creek Habitat Enhancement Project, which will begin August 11.

TIER CONSUMPTION AS OF JULY 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
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.	Pending; One Tam submitted a concept proposal on 6/30/26.	\$19,572,547
Pump Station Hardening	CAL FIRE	Wildfire Prevention Grants	Funds requested for hazardous fuels reduction at 35 District pump 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
RECENTLY SUBMITTED					
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 quality and quantity benefits.	Pending; concept proposal submitted 7/30/26	\$750,000

OPEN FUNDING OPPORTUNITIES					
PROJECT	FUNDER	FUNDING OPPORTUNITY	DESCRIPTION	STATUS	TIMELINE
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. This Annual Report provides Congress with a list of potential studies and projects to newly authorize and a list of existing study, project, and programmatic authorities to modify. This is the first step in the Water Resources Development Act (WRDA) process.	In progress	Closes September 1, 2026
TBD	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

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	736	2,258	749	2,299
Monthly production, July	736	2,258	749	2,299
Daily average, July	23.73	72.84	24.16	74.16
Recycled				
Total production this FY	36.20	111.09	35.05	107.56
Monthly production, July	36.20	111.09	35.05	107.56
Daily average, July	1.17	3.58	1.13	3.47
Raw Water				
Total production this FY	13151	40358.95	11.58	35.54
Monthly production, July	13151	40358.95	11.58	35.54
Daily average, July	424.23	1301.9	0.37	1.15
Imported Water				
Total imported this FY	286	878	313	962
Monthly imported, July	286	878	313	962
Reservoir Storage				
Total storage, July	22,773	69,888	22,812	70,006
Storage change during July	-884	-2,714	-1,415	-4,342
Stream Releases				
Total releases this FY	230	706	224	688
Monthly releases, July	230	706	224	688

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	16	11
Fiscal Year to Date	16	11
Water Quality Informational Inquiries:		
Month of Record	8	11
Fiscal Year to Date	8	11

The WQ Lab ensured that the water supplied met or surpassed water quality regulations by collecting and analyzing 1,562 analyses on treatment plants and distribution system samples.

Mild steel corrosion rates averaged 3.70 (1.59 – 5.28) MPY. The AWWA has recommended an operating level of <5 MPY with a goal of <1 MPY.

Complaint Flushing: One flushing event was performed to check water quality at 7 Ninestone Ct in Marinwood for the month on record.

Disinfection Program: 50' of new pipeline was disinfected during the month of July. Performed chlorination on 26 water storage tanks to ensure compliance with bacteriological water quality regulations.

Tank Water Quality Monitoring Program: Performed 40 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 1,562 treatment plants and distribution water samples, and the water quality department treated 26 tanks for low chlorine and checked an additional 40 tanks for low chlorine residual in July 2026.

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	0.05	≤ 0.10
Chlorine residual (mg/L)	2.73	2.75 *	2.72	2.75 *	2.78	2.75 *
Color (units)	0.5	≤ 15	0.2	≤ 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, install yard piping and control systems, and complete final site grading.
 - Project Budget: \$19,142,500
 - Monthly Activities: The contractor continues work preparing the tank foundation subgrade in anticipation of the tank subcontractor mobilizing to the project site. 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 continues to install guardrails atop the treatment plant roofs. Following completion of the guardrails, the contractor will perform subsequent roofing system improvements. Project completion is estimated Summer 2026.

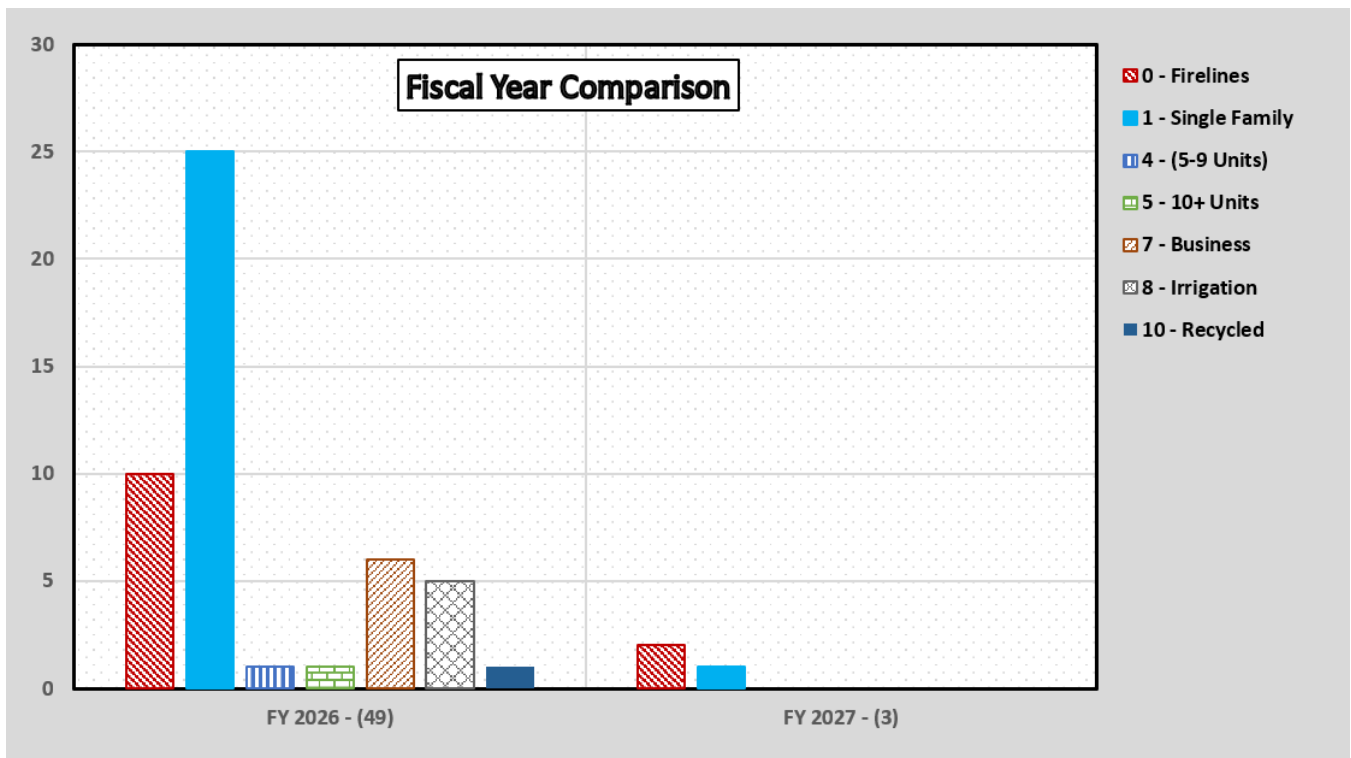
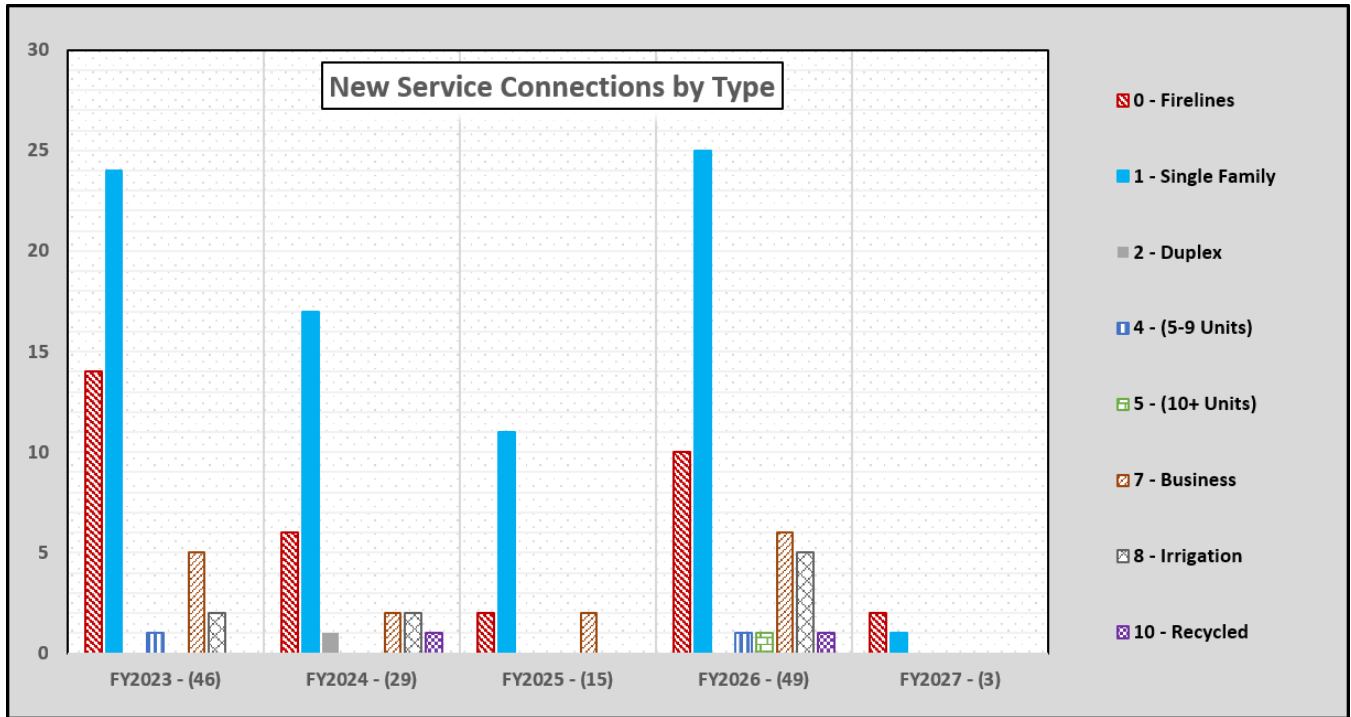
- c. Bon Tempe Treatment Plant Backwash Valve Replacement Project (D23008): This project is part of the District's Capital Improvement Program and will address the deteriorating condition of the existing backwash system by replacing existing backwash valves, select pipe, and associated appurtenances.
- Project Budget: \$1,200,960
 - Monthly Activities: The contractor completed all exterior work and the installation of four new 24-inch backwash valves inside the plant. The new valve actuator will be delivered the first week of August and the contractor will remobilize to the project to complete the balance of work in the middle of August. Remaining work includes replacing the main backwash valve actuator, installing the 8-inch house water piping, and performing other miscellaneous improvements. Project completion is estimated 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. The contractor is preparing to perform tank installation at Ignacio Pump Station. 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 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: A preconstruction meeting was held on July 2 and the contractor and District are preparing and reviewing initial project submittals, and material and equipment procurement. 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 to be determined. The contractor's baseline construction schedule shows work occurring through Spring 2027, due to a 6-month lead time in fabricating the tank.
- 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 August. The project is anticipated to be complete Fall 2026.

6. Other:

Pipeline Installation	FY 2026/27	FY 2025/26
Pipe installed during July (feet)	109	1,314
Total pipe installed this fiscal year (feet)	109	1,314
Total miles of pipeline within the District	908*	909*
<i>* Reflects adjustment for abandoned pipelines</i>		
Pipe Locates (1,301 Responses)	FY 2026/27	FY 2025/26
Month of July (feet)	30,651	50,340
Total this fiscal year (feet)	30,651	50,340
Main Line Leaks Repaired	FY 2026/27	FY 2025/26
Month of July	16	18
Total this fiscal year (7/1/26-5/31/27)	16	18
Services	FY 2026/27	FY 2025/26
Service upgrades during July	21	30
Total service upgrades this FY	21	30
Service connections installed during July	2	1
Total active services as of August 1st, 2026	60,668	60,536
(Total Including firelines)	62,073	61,921



7. Recruitments and Hires:

The District recruited for the following positions:

1. Corrosion Control Technician I/II
2. Distribution System Operator
3. Mechanical & Electrical Maintenance Worker III or IV
4. Meter Reader and Repair Worker I - Limited Duration
5. Watershed Aide (Fisheries)

The District hired new employees for the following positions:

1. Natural Resources Technician I – Temp/Limited Duration

8. Demand Management:

	Jul-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)	82	82	872	692
Residential properties resi 3-5 (multi-family units)	0	0	11	10
Non-residential properties resi 6-7 (commercial)	0	0	0	1
Dedicated irrigation accounts resi 8-10 (large landscape)	0	0	7	7
Marin Master Gardeners' Marin-Friendly Garden Walks				
Residential garden walks	19	19	152	147
Public Outreach, Education, Customer Service				
Public outreach events (number of people attending)	0	0	8731	3870
Public education events (number of participants)	0	0	239	265
Department customer calls/emails	601	601	5944	6124
Outreach to new Marin Water customers (letters sent)	91	91	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)	1350	1350	15900	33550
"Cash for Grass" Lawn Replacements total properties approved	12	12	89	81
"Cash for Grass" (Best Practices) square ft. lawn replaced	0	0	4571	17699
"Cash for Grass" (Standard) square ft. lawn replaced	16007	16007	89970	51049
"Cash for Grass" (MCSTOPP) square ft. lawn replaced	2200	2200	7961	3555
Number of Laundry-to-Landscape Systems (kits) approved	1	1	2	0
Hot water recirculating system rebates	0	0	6	6
Pool Cover rebates	0	0	6	25
Number of Smart Home Water Monitor "Flume Direct Distribution" redeemed	34	34	393	456
Number of Smart Controllers MW rebates approved	6	6	29	37
Number of Smart Controllers "Rachio Direct Distribution" approved	10	10	127	184
Custom Rebate - Commercial and Multi-Family	0	0	1	1
Advanced Metering Infrastructure (AMI)				
AMI leak letters sent to customers (>200 GPD)	63	63	1184	1319
ORDINANCES				
Water Waste Prevention				

9. Watershed Protection:

Rangers investigate illegal trail work

In July, the Rangers investigated two incidents of illegal trail work on the watershed. In both cases, significant work was done to reopen two previously decommissioned trails. This work included cutting trees and shrubs, tread work, removal of barriers, and vandalism of signs. The Rangers working with Watershed Maintenance will reclose the trails and re-decommission the routes.

Medical aid calls for July

In July, the Rangers responded to six medical calls. This included three head injuries, including a person illegally swimming in Alpine Lake who struck his head while diving into the lake. One medical emergency was for loss of consciousness, and two were mountain bike accidents. Five of the patients were taken to the hospital by ambulance.

MCFD helicopter uses Phoenix Lake during fire response

On July 27th, there was a vegetation fire that threatened homes in Mill Valley. Marin County Fire Department's contracted helicopter "6-Papa-Golf", a UH-60 Black Hawk with a 1100-gallon tank, responded to the fire and refilled multiple times at Phoenix Lake.



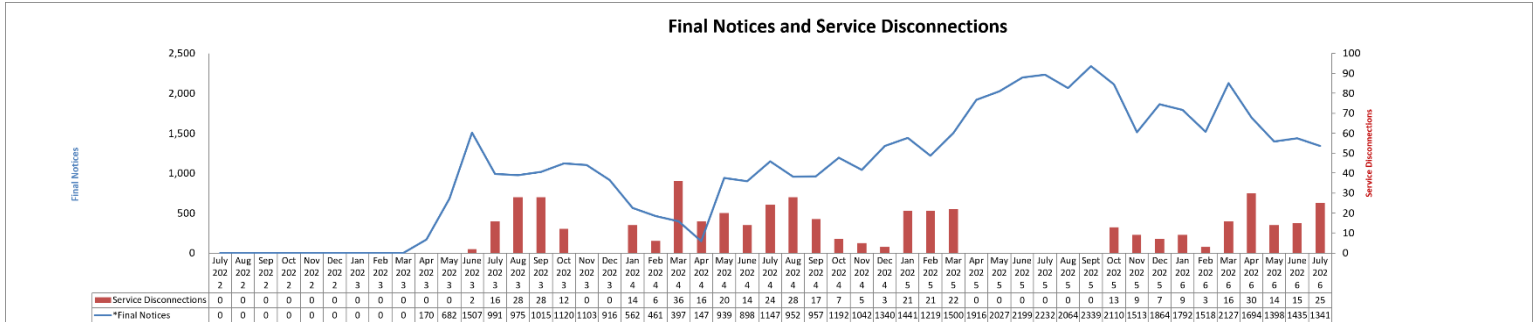
6PG uses its snorkel to refill its 1100-gallon tank at Phoenix Lake

RANGER ACTIVITIES	
Law Enforcement	#
MMWD Ordinance Violations	
Citations	47
Bike on Trail	1
Parking	46
Warnings	111
Penal Code Violations	#
Vandalism	25
Theft	2
Resist Peace Officer	2
Vehicle Code Violations	#
• Parking Violations Cites	1
Fish and Wildlife	#
• License Checks	15
Other	
Misc. Law Enforcement Calls	22
Suspicious Circumstances	1
Assist Outside Law Enforcement	1
Medical/Fire	#
• Medical Calls	6
Search and Rescue	
Lost Hikers	2
General	#
Visitor Assists	110
Dam Checks	39
Assist other MMWD groups	32
Animal/Humane Calls	6
Assist Outside Agencies	3
Watershed Observation Reports	#
Received	4
Additional Patrols	
Foot	62 miles
Bike	58 miles
ATV/UTV	32 miles
LIDAR patrols	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	_____	
	Ben Horenstein General Manager	Ben Horenstein General Manager