



STAFF REPORT

Meeting Type: Board of Directors
Title: General Manager's Report June 2025
From: Ben Horenstein, General Manager
Meeting Date: July 15, 2025

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve Report

SUMMARY:

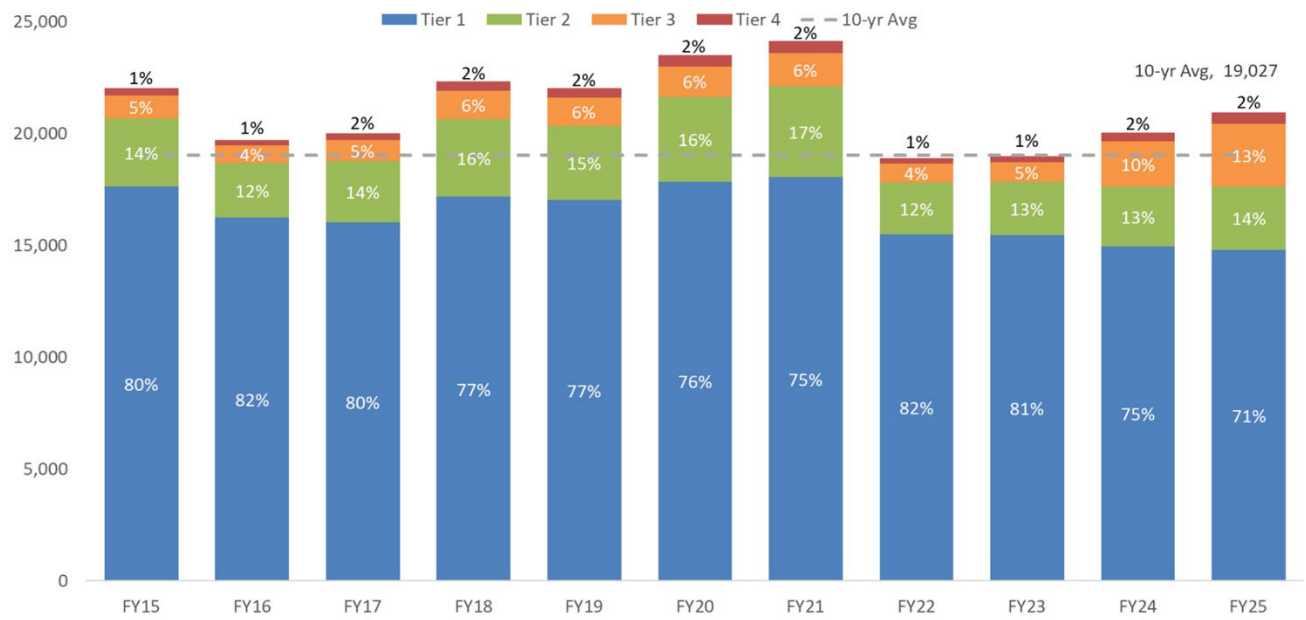
A. HIGHLIGHTS:

- The daily average net production for the month of June 2025 was 24.8 MGD compared to 22.9 MGD for the month of June 2024. Typical usage for June is 30.0 MGD
- Staff presented at the 2025 Annual Conference and Exposition AWWA in Denver on the Districts evaluation of energy recapture and discussed the findings of the evaluation.
- Staff conducted two meetings with the public regarding the Nicasio Spillway Modification Project, which will feed into the environmental process and are the preliminary steps in the development of the project environmental documentation.
- Staff received Northern Spotted Owl clearance from the Districts consultant for the Pine Mountain Tanks Project. This will allow the contractor to start construction ahead of the August 1 start date and make progress on the project prior to the rainy season with the intent to complete the project ahead of schedule.
- Staff responded to 1, 031 underground service alert tickets and marked out approximately 32,417 feet of pipe in June, helping ensure the Districts underground infrastructure is not damaged by contractors or homeowners during excavation work.
- The District's Pipe Tapping Team "North Bay Tappers" traveled to Denver Colorado and competed at the National Pipe Tapping Competition. The competition was held at the American Water Works Association (AWWA) 2025 Annual Conference and Exposition. The team placed sixth out of a total of thirty teams.
- Staff installed eco-counters at sites throughout the Watershed to support the E-Bike Pilot.
- Staff completed monthly dam and spillway inspections and has begun designing sprinkler system project to protect this critical asset during a wildfire, with a mist curtain.
- The District wrapped up with Year 6 of the BFFIP plan in June 2025. Routine June vegetation work focused on Fine Fuel Reduction at Keys Creek and summer weed work across multiple

locations on the Watershed. In June contracted workers cleared vegetation downstream from the Seeger Dam Spillway to support survey work on the plunge pool. Veg contractors also worked to prep the Knob II Rx Burn site.

- The Volunteer Program conducted another well-attended successful National Trails Day event along the upper Cataract Trail on June 7th.
- On June 11th, the Natural Resources Staff hosted a California Native Plant Society field training day at Sky Oaks HQ, where Staff highlighted BFFIP vegetation management actions and mapping applications used to plan and monitor vegetation work.
- Staff assisted Stillwater Sciences staff with selecting eight sites for the bat acoustic monitoring efforts required in the E-Bike Pilot. The first round of acoustic monitoring started on 6/23/25.
- The District finalized a grant amendment with DWR to secure an additional \$1.4M for Lagunitas Creek restoration work.

TIER CONSUMPTION AS OF JUNE 2025 (Acre Feet)



AWARDED GRANTS							
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. In the process of getting the community agreement in place for Canal District.	\$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	All funds spent down; working on final reports and invoices (#6 and #7) 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 - just submitted 2025 Q1 report	\$4,659,898
CA Division of Boating & Waterways	NRA	Water Quality		Reservoir Water Quality	Monitor and prevent infestation of quagga and zebra mussels		\$86,800
Azalea Hill Trail Restoration	California State Parks	Trail Restoration	Recreational Trails Program (RTP)	Watershed	Azalea Hill Restoration	Awarded; in progress and on track.	\$952,657
One Tam Regional Forest Health Project	CA WCB	Forestry Restoration		BFFIP Implementation		Awarded; in progress and on track.	\$4,260,000
WaterSMART Aplied Science	USBR	Water Resources		Advanced Weather Modeling	Funding for weather modeling to inform water resources management	Awarded; in progress. Working on delinquent financial and narrative reporting.	\$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:		\$29,311,707
PENDING GRANTS							
PROJECT	FUNDER	FUNDER PRIORITIES	OPPORTUNITY	DATE SUBMITTED	AMOUNT REQUESTED	DESCRIPTION	STATUS
Lagunitas Creek Coho Enhancement Phase 2	Wildlife Conservation Board	Restoration	Pre-Application	5/27/2025	\$6,212,000	Short pre-application submitted to WCB for review. We expect to be invited to submit a full proposal (no specified deadline).	Pending; next steps expected by early July
One Tam Block Grant	California Natural Resources Agency	Forestry Restoration	Block 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
UPCOMING GRANTS							
PROJECT	FUNDER	FUNDER PRIORITIES	OPPORTUNITY	DESCRIPTION		STATUS	
Prop. 4 Bond Funding	Various		TBD			Monitoring	

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 2024/25		FY 2023/24	
	(million gallons)	(acre-feet)	(million gallons)	(acre-feet)
Potable				
Total production this FY	7,280	22,340	6,964	21,371
Monthly production, June	743	2,281	670	2,057
Daily average, June	24.77	76.03	22.34	68.56
Recycled				
Total production this FY	269.46	826.95	248.45	762.48
Monthly production, June	33.08	101.52	31.85	97.74
Daily average, June	1.10	3.38	1.06	3.26
Raw Water				
Total production this FY	68.01	208.73	50.89	156.18
Monthly production, June	10.73	32.94	10.3	31.61
Daily average, June	0.36	1.1	0.34	1.05
Imported Water				
Total imported this FY	1,878	5,762	2,124	6,519
Monthly imported, June	285	874	395	1,211
Reservoir Storage				
Total storage, June	23,735	72,840	22,044	67,652
Storage change during June	-936	-2,872	-3,198	-9,815
Stream Releases				
Total releases this FY	2,960	9,085	3,323	10,198
Monthly releases, June	262	805	822	2,523

2. <u>Precipitation:</u>	<u>FY 2024/25 (in.)</u>	<u>FY 2023/24 (in.)</u>
ALPINE	49.71	49.20
BON TEMPE	46.78	44.37
KENT	54.03	44.78
LAGUNITAS	50.24	49.55
NICASIO	37.09	28.98
PHOENIX	51.98	49.70
SOULAJULE	40.58	33.12

Average to date = 52.25 inches

3. Water Quality:

<u>Laboratory</u>	<u>FY 2024/25</u>	<u>FY 2023/24</u>
Water Quality Complaints:		
Month of Record	8	19
Fiscal Year to Date	198	120
Water Quality Informational Inquiries:		
Month of Record	6	8
Fiscal Year to Date	127	80

The WQ Lab ensured that the water supplied met or surpassed water quality regulations by collecting and analyzing 1,390 analyses on treatment plants and distribution system samples.

Mild steel corrosion rates averaged 1.51 (1.14 – 2.06) MPY. The AWWA has recommended an operating level of <5 MPY with a goal of <1 MPY.

Complaint Flushing: One flushing event occurred at 180 Merrydale Rd in San Rafael (HY#06232) to ensure water quality for this month on record.

Disinfection Program: No new pipelines were disinfected during the month of June. Performed chlorination on 17 water storage tanks to ensure compliance with bacteriological water quality regulations.

Tank Water Quality Monitoring Program: Performed 47 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 1,390 treatment plant and distribution water samples, and the water quality department treated 17 tanks for low chlorine and checked an additional 47 tanks for low chlorine residual in June 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)	0.05	≤ 0.10	0.04	≤ 0.10	0.04	≤ 0.10
Chlorine residual (mg/Lv)	2.71	2.75 *	2.75	2.75 *	2.88	2.75 *
Color (units)	0.5	≤ 15	0.3	≤ 15	0.1	≤ 15
pH (units)	7.8	7.8*	7.8	7.8*	8.1	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 District's team is continuing to review submittals. The contractor mobilized this week and have been setting up BMP's in advance of start of construction.
- b. Wolfback Ridge Tanks Rehabilitation Project (D20009): This project will replace the roof and recoat both the interior and exterior of each tank at Wolfback Ridge in Sausalito.
 - Project Budget: \$950,000
 - Monthly Activities: The Contractor has begun painting the exterior of the second tank (Tank #1) and will perform touchups on the interior coating application soon. The project completion is estimated as 3rd of July.
- c. Granada Drive Pipeline Replacement Project (D23020): This project will install approximately 10,230 linear feet of welded steel pipe to replace old, leak-prone, and seismic-deficient piping in the Town of Corte Madera. The District coordinated with the Town to incorporate the Town's road reconstruction work into the District's project to minimize construction impacts to the community.
 - Project Budget: \$5,564,384
 - Monthly Activities: The project has been fully completed, the District is finalizing invoicing for paving reimbursement with Town.
- d. Rock Ridge Pipeline Replacement Project (F22001): The Rock Ridge Pipeline Replacement Project (Project) is a component of the Fire Flow Improvement Program. This Project will install approximately 7,590 feet of new 8" and 6" welded steel and polyvinyl chloride (PVC) pipe to replace the old, leak prone fire flow deficient piping installed as early as 1934.
 - Project Budget: \$3,928,105
 - Monthly Activities: The project has been fully completed in the field, semi-final payment has been made, waiting on maintenance bond from Contractor to complete closeout.
- e. Marin City Phase I Pipeline Replacement Project (GC25005): The Marin City Phase I Pipeline Replacement Project is a component of the District's Capital Improvement Program. This Project will install approximately 9,200 linear feet of 8, 6 and 4-inch welded steel pipe to replace the old, leak prone, seismic deficient pipe installed as early as 1959.
 - Project Budget: \$4,069,592.20
 - Monthly Activities: The project has been fully completed, the District is now completing project closeout internally.
- f. 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

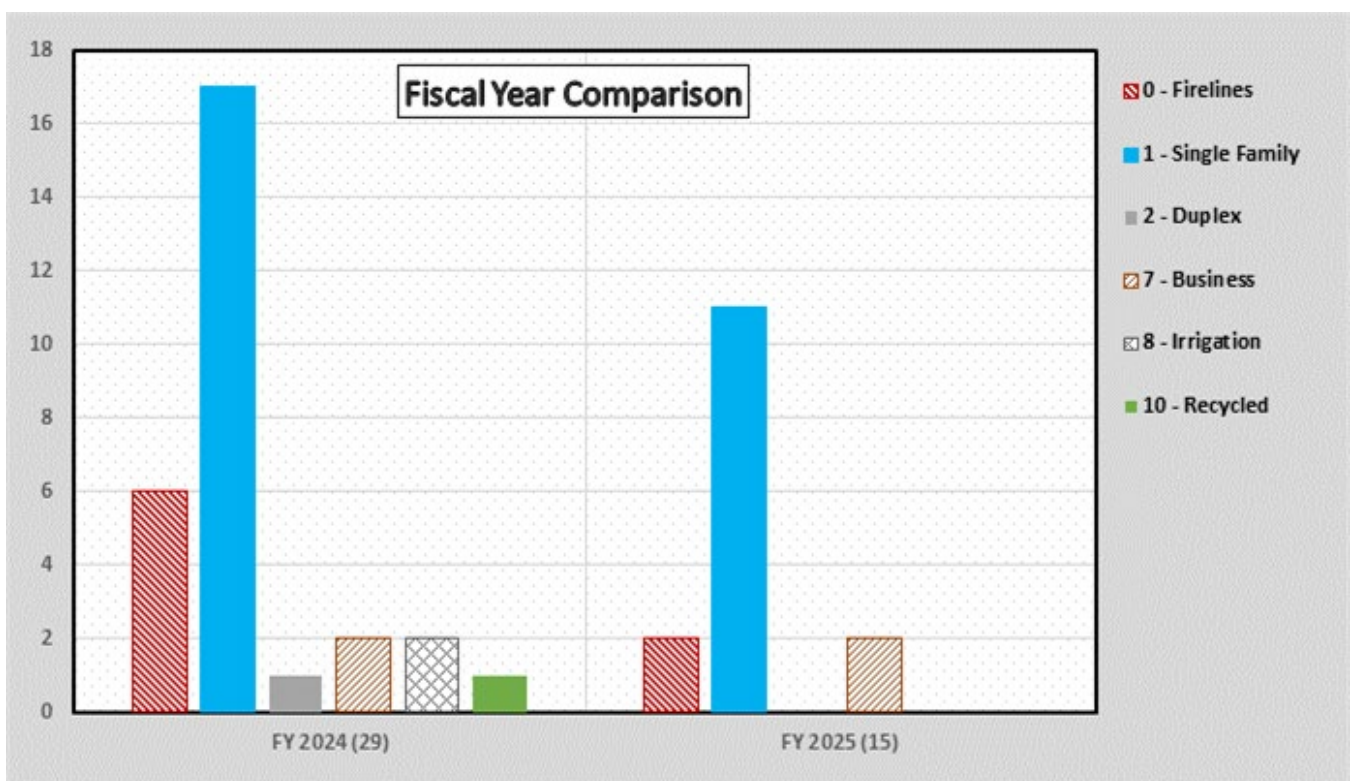
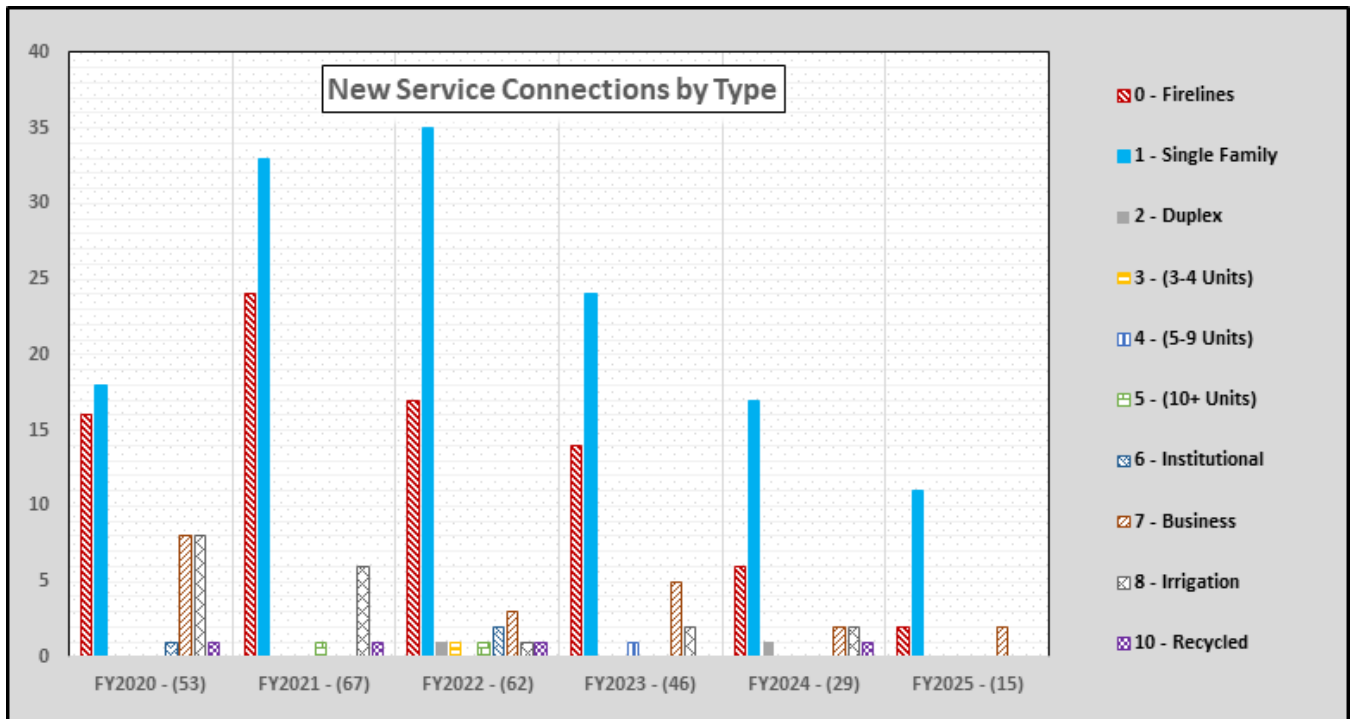
with a new Class A Fire Rated Thermoplastic Polyolefin (TPO) and add fall protection to the San Geronimo Treatment Plant and North Marin Line Pump Station.

- Project Budget: \$1,495,747.00
- Monthly Activities: Continuing to work with Contractor on submittals in advance of the Contractor mobilizing soon. Project completion estimated in October 12, 2025.

- g. Park Road Pipeline Replacement Project (D25019): The Park Road Pipeline Replacement Project is a component of the District's Capital Improvement Program. This project will install approximately 1,670 feet of 8-inch, 6-inch, and 4-inch welded steel pipe to replace old, leak-prone cast iron and asbestos cement pipe installed as early as 1954. This Project will be constructed in coordination with the Town of Fairfax's upcoming storm drain installation and road restoration project to minimize inconvenience to the public.
- Project Budget: \$1,152,000
 - Monthly Activities: The Contractor began installing pipe on 6/23/25 and to date have installed 557 feet of 8" welded steel pipe and 44 feet of 6" welded steel pipe. Project completion estimated in October 2025.
- h. Glenwood Transmission Pipeline Replacement/Fire Flow Improvement Project: 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 began installing pipe on 6/12/25 and have been averaging installation of 185 per day of mostly 12" welded steel pipe so far. Project completion is estimated in January 2026.
- i. 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 Board awarded the project on 6/17/25, now awaiting signed contracts and insurance from Contractor. Project completion is estimated in September 2025.

6. Other:

Pipeline Installation	FY 2024/25	FY 2023/24
Pipe installed during June (feet)	1,975	2,022
Total pipe installed this fiscal year (feet)	31,302	7,020
Total miles of pipeline within the District	909*	908*
<i>* Reflects adjustment for abandoned pipelines</i>		
Pipe Locates (1,031 Responses)	FY 2024/25	FY 2023/24
Month of June (feet)	32,417	22,432
Total this fiscal year (feet)	447,528	344,987
Main Line Leaks Repaired	FY 2024/25	FY 2023/24
Month of June	13	5
Total this fiscal year (7/1/24-5/31/25)	144	119
Services	FY 2024/25	FY 2023/24
Service upgrades during June	14	17
Total service upgrades this FY	190	88
Service connections installed during June	2	0
Total active services as of July 1st, 2025	60,616	60,546
(Total Including firelines)	62,004	61,854



7. Recruitments and Hires

The District recruited for the following positions (June)

1. Mechanical & Electrical Maintenance Worker III/IV
2. Associate Engineer (2 Positions)
3. Business Systems Analyst III
4. Watershed Aide – Maintenance (2 positions)
5. Watershed Aide – Fisheries (2 positions)

The District hired new employees for the following positions (June)

1. Customer Service Representative III
2. Environmental Planner
3. Summer Helper – Meter Box Maintenance (2 positions)
4. Summer Intern – Finance (1 of 2 positions)

Employees promoted through competitive process:

1. Water Quality Technician
2. Business Systems Analyst III

8. Demand Management:

	Jun-25	FY 24/25 TOTAL	FY 23/24 TOTAL	FY 22/23 TOTAL
WATER-EFFICIENCY PROGRAMS				
Water-Use Site Surveys				
Conservation Assistance Program (CAP) Consultations				
Residential properties resi 1-2 (single-family)	60	681	404	291
Residential properties resi 3-5 (multi-family units)	0	9	6	3
Non-residential properties resi 6-7 (commercial)	0	0	0	3
Dedicated irrigation accounts resi 8-10 (large landscape)	0	7	0	0
Marin Master Gardeners' Marin-Friendly Garden Walks				
Residential garden walks	23	151	173	72
Public Outreach, Education, Customer Service				
Public outreach events (number of people attending)	1	3503	7022	17775
Public education events (number of participants)	85	635	425	328
Department customer calls/emails	426	6124	4485	4150
Outreach to new Marin Water customers (letters sent)	158	1483	1908	0
School Education				
School assemblies				
Number of activities	1	18	19	0
Number of students reached	253	7212	21850	0
Field trips				
Number of activities	0	22	16	15
Number of students reached	0	471	343	307
Classroom presentations				
Number of activities	0	12	14	17
Number of students reached	0	344	457	531
Other (e.g. Earth Day booth events, school gardens)				
Number of activities	0	2	3	1
Number of students reached	0	225	400	480
Incentives				
Number of HECWs approved	0	2	98	103
Rain Barrel/Cisterns approved	0	14	9	15
Rain Barrel/Cisterns gallons	0	5560	0	0
Rain Barrel Give-a-way (Gallons)	1950	33660	4840	0
"Cash for Grass" Lawn Replacements total properties approved	7	83	61	116
"Cash for Grass" (Best Practices) square ft. lawn replaced	155	6199	0	0
"Cash for Grass" (Standard) square ft. lawn replaced	2527	71726	0	0
"Cash for Grass" (MCSTOPP) square ft. lawn replaced	460	4780	0	0
Number of Laundry-to-Landscape Systems (kits) approved	0	0	1	7
Hot water recirculating system rebates	1	5	11	30
Pool Cover rebates	3	25	35	27
HET rebates	0	4	17	22
Number of Smart Home Water Monitor "Flume Direct Distribution" redeemed	13	452	544	271
Number of Smart Controllers MW rebates approved	6	37	49	35
Number of Smart Controllers "RainBird compatible w/Flume" approved	0	44	131	0
Number of Smart Controllers "Rachio Direct Distribution" approved	5	169	219	77
Custom Rebate - Commercial and Multi-Family	0	1	0	0
Advanced Metering Infrastructure (AMI)				
AMI leak letters sent to customers (>200 GPD)	125	1319	1330	1168
ORDINANCES				
Water Waste Prevention				
Water Waste Reports Received	15	176	224	392
Water Waste Notifications Sent	2	34	49	81
Landscape Plan Review				
Plans submitted	11	88	117	88
Plans exempt	1	14	23	5
Plans completed	4	22	30	20
Plans in workflow (pass & fail)	14	133	172	145
Tier 4 Exemption				
Inspections that resulted in a pass	0	1	2	1

9. Watershed Protection:

The E-bike Pilot Project

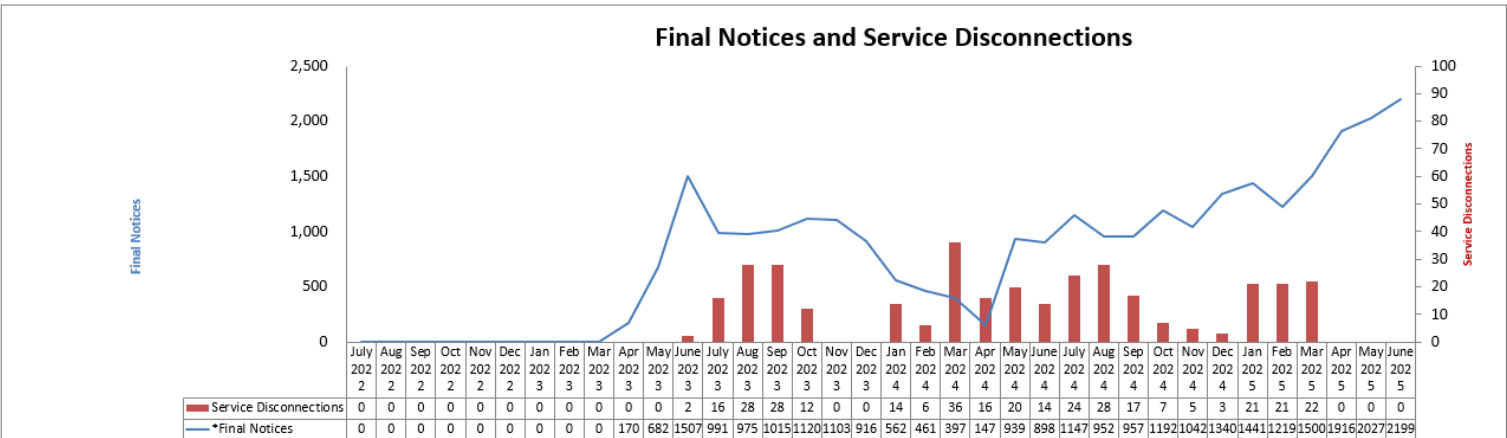
During June, the Rangers got prepared for the start of the E-bike Pilot Project by installing signage about the project. The Rangers have reminded e-bike riders that only Class 1 e-bikes will be permitted on the watershed. The use of Class 2 and 3 e-bikers will remain prohibited. Over the past few months, the Rangers have been increasing their use of LIDAR for enforcing the watershed-wide 15 MPH speed limit. The Rangers have focused the speed enforcement on locations with a history of conflict between user groups, such as Old Railroad Grade, Phoenix Lake, Shaver Grade, Lake Lagunitas, and the Deer Park area. The Rangers are focusing on an educational approach to inform visitors of the speed limit and the importance of "go slow and say hello," but will increase enforcement methods as needed. The Rangers have increased their bike and ATV patrols of the fire roads to be more visible and accessible to the public.



RANGER ACTIVITIES	
Law Enforcement	#
MMWD Ordinance Violations	
▪ Cites	
▪ Bike On Trail	3
▪ Dog in Water	1
▪ Parking	47
Penal Code Violations	
▪ Cases	
▪ Vandalism	26
▪ Littering Citation	1
▪ Resisting Peace Officer	1
Vehicle Code Violations	
▪ Parking Citations	7
Fish and Wildlife	
▪ License Checks	29
Warnings	
▪ All	154
Medical	#
Responses	
▪ Medical Calls on Watershed	3
▪ Assist with off Watershed Calls	2
Search and Rescue	#
Calls	
▪ Lost Hiker	2
General	#
Visitor Assists	184
Dam Checks	87
Assist MMWD groups	61
Public Outreach	3
Assist Other Agencies	3
Watershed Observation Reports	
Received	4
Additional Patrols	
▪ Foot	79 miles
▪ Bike	182 miles
▪ ATV/UTV	60 miles
▪ LIDAR	5
▪ 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	<div>_____</div> <div>Ben Horenstein General Manager</div>	<div></div> <div>Ben Horenstein General Manager</div>