



NOTICE OF THE AMENDED AGENDA OF THE BOARD OF DIRECTORS' REGULAR BI-MONTHLY MEETING

Tuesday, March 17, 2026 at 5:00 PM

AGENDA

LOCATIONS:

Open Session to start at or after 5:00 p.m.

Marin Water Board Room – 220 Nellen Avenue, Corte Madera, CA 94925

Closed Session to immediately follow Open Session

Marin Water Mt. Tam Conference Room, 220 Nellen Avenue, Corte Madera, CA 94925

Public Participation:

The public may attend this meeting in-person or remotely using one of the following methods:

On a computer or smart device, go to: <https://marinwater.zoom.us/j/88134852296>

By phone, dial: **1-669-444-9171** and use Webinar ID: **881 3485 2296**

HOW TO PROVIDE PUBLIC COMMENT:

During the Meeting: Typically, you will have 3 minutes to make your public comment, however, the board president may shorten the amount of time for public comment due to a large number of attendees. Furthermore, pursuant to Government Code, section 54954.2 (the Brown Act), the Board may not take action or discuss any item that does not appear on the agenda.

-- **In-Person Attendee:** Fill out a speaker card and provide to the board secretary. List the number/letter (ex: 6a) of the agenda item(s), for which you would like to provide a comment. Once you're called, proceed to the lectern to make your comment.

-- **Remote Attendee:** Use the "raise hand" button on the bottom of the Zoom screen. If you are joining by phone and would like to comment, press *9. The board secretary will use the last four digits of your phone number to call on you (dial *6 to mute/unmute).

In Advance of the Meeting: Submit your comments by email in advance of the meeting to boardcomment@marinwater.org. To ensure that your comment is provided to the Board of Directors prior to the meeting, please email your comment 24 hours in advance of the meeting start time.

Comments received after this cut off time will be sent to the Board after the meeting. Please do not include personal information in your comment such as phone numbers and home addresses.

AGENDA ITEMS:

1. Call to Order and Roll Call

2. Adoption of Agenda

3. Public Comment on Non-Agenda Matters

This is the time when any person may address the Board of Directors on matters not listed on this agenda, but which are within the subject matter jurisdiction of the Board.

4. Directors' and General Manager's Announcements (5:10 p.m. – Time Approximate)

5. Board Committee Reports

Each Committee Chair or Vice Chair will provide a report on recent committee meetings. Directors may ask questions or provide brief comments or requests for additional information on an item.

6. Consent Items (5:20 p.m. – Time Approximate)

All Consent Items will be enacted by a single action of the Board, unless specific items are pulled from Consent by the Board during adoption of the agenda for separate discussion and action.

a. March 3, 2026 Board Meeting Minutes

RECOMMENDATION: Accept the minutes of the Board of Directors' Regular Bi-Monthly Meeting on March 3, 2026

b. General Manager's Report February 2026

RECOMMENDATION: Approve Report

c. Award of Contract for the Water Treatment Master Plan Update

RECOMMENDATION: Approve a professional services agreement with Woodard & Curran for professional engineering services for the Water Treatment and Transmission System Master Plan Update, in an amount not to exceed \$575,969; and, Authorize the General Manager to execute the agreement

d. Award of Contract No. 2062 Roads and Trails On-Call Maintenance

RECOMMENDATION: Approve a resolution authorizing the award of Contract No. 2062, Roads and Trails On-Call Maintenance, to Piazza Construction in an amount not to exceed \$2,113,276.00

e. Third Amendment to Miscellaneous Agreement No. 6185 With National Response Team for Water Remediation and Restoration Services

RECOMMENDATION: Approve a Third Amendment to Miscellaneous Agreement No. 6185 for restoration response services, exercising an option to extend the contract term for two additional years, and adding an additional \$200,000 to the agreement for a total amount not to exceed \$750,000

f. Amendment to MA-6406 for a One-Year Extension of Rimini Street Software Support Service for SAP Payroll

RECOMMENDATION: Approve an amendment for a software license and maintenance renewal with Rimini Street, Inc. (RSI) for their RSITE tax subscription service to renew

maintenance and support through March 31st, 2027, for a total amount not to exceed \$185,000; and Authorize the General Manager to execute the contract amendment

g. Quarterly Investment Report

RECOMMENDATION: Receive update on the District's investment portfolio

7. Regular Items (5:25 p.m. – Time Approximate)

a. Legislative Update

RECOMMENDATION: Adopt a position of support on Assembly Bill (AB) 2180 and Senate Bill (SB) 1153 and Receive Update on AB 107

b. Amendment No. 1 to Professional Services Agreement with Carollo Engineers for Engineering Design of Atmospheric River Capture Project

RECOMMENDATION: Approve Amendment No. 1 to the Professional Services Agreement No. 6418, with Carollo Engineers to provide engineering design services for a second pump station for the Atmospheric River Capture (ARC) Project for an additional amount not to exceed \$1,458,832, increasing the total contract amount to \$11,158,067; and, Authorize the General Manager to execute the contract amendment

(This item used to be agenda item 7c, now it's agenda item 7b.)

c. Amendment No. 1 to Professional Services Agreement with Panorama Environmental for Environmental Support Services of the Atmospheric River Capture Project

RECOMMENDATION: Approve Amendment No. 1 to Professional Services Agreement No. 6433, with Panorama Environmental, Inc. for additional archaeological investigations for an amount not to exceed \$179,829, increasing the total contract amount to \$1,429,638; and Authorize the General Manager to execute the Contract amendment

(This item used to be agenda item 7b, now it's agenda item 7c.)

d. Amendment No. 1 to Professional Services Agreement with Environmental Science Associates (ESA) for the Nicasio Hydrology Study

RECOMMENDATION: Approve Amendment No. 1 to the Professional Services Agreement No. 6494, with ESA to develop a long-term maintenance plan and to provide regulatory and permitting services in support of managing conditions in Nicasio and Halleck creeks for an additional amount not to exceed \$354,659, which includes a ten percent contingency, increasing the total contract amount to \$742,344; and, Authorize the General Manager to execute the contract amendment

8. Future Board and Committee Meetings and Upcoming Agenda Items

This schedule lists upcoming board and committee meetings as well as upcoming agenda items for the next month, which may include Board interest in adding future meeting items. The schedule is tentative and subject to change pending final publication and posting of the meeting agendas.

a. Upcoming Meetings

9. Announcement of Closed Session Item(s); Public Comments on Closed Session Item(s)

Following announcement of Closed Session items and prior to recess into Closed Session, the public may speak up to three minutes on items to be addressed in Closed Session. The Board will convene to Closed Session in the Mt. Tam Conference Room after public comment.

a. Conference with Legal Counsel - Anticipated Litigation

Initiation of litigation pursuant to (*California Government Code § 54956.9(c)*)

Number of Cases: Unknown

b. Public Employment

(*California Government Code §54957(b)*)

Title: General Manager

Adjourn closed session and reconvene to open session in the Board Room and via Zoom.

10. Reconvene to Open Session; Closed Session Report Out

11. Adjournment (7:00 p.m. – Time Approximate)

ADA NOTICE AND HEARING-IMPAIRED PROVISIONS

In accordance with the Americans with Disabilities Act (ADA) and California Law, it is Marin Water’s policy to offer its public programs, services, and meetings in a manner that is readily accessible to everyone, including those with disabilities. If you are an individual with a disability and require a copy of a public hearing notice, an agenda, and/or agenda packet in an appropriate alternative format, or if you require other accommodations, please contact the Board Secretary/ADA Coordinator at 415.945.1448, at least two business days in advance of the meeting. Advance notification will enable Marin Water to make reasonable arrangements to ensure accessibility.

Information agendas are available for review at the Civic Center Library, Corte Madera Library, Fairfax Library, Mill Valley Library, Marin Water Administration Building, and marinwater.org.

Posted: 03-13-2026

Amended Version Posted: 03-16-2026



STAFF REPORT

Meeting Type: Board of Directors
Title: March 3, 2026 Board Meeting Minutes
From: Terrie Gillen, Board Secretary
Through: Ben Horenstein, General Manager
Meeting Date: March 17, 2026

TYPE OF ITEM: X Action Information

RECOMMENDATION: Accept the minutes of the Board of Directors’ Regular Bi-Monthly Meeting on March 3, 2026

SUMMARY: The Board of Directors held their regular bi-monthly meeting on March 3, 2026. The minutes of that meeting are attached for your approval.

DISCUSSION: None.

ENVIRONMENTAL REVIEW: Not applicable.

FISCAL IMPACT: None.

ATTACHMENT(S):

1. Draft March 3, 2026 Regular Meeting Minutes

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Communications & Public Affairs Department		
	<p align="center">Terrie Gillen Board Secretary</p>	<p align="center">Ben Horenstein General Manager</p>



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MINUTES

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Public Participation:

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AGENDA ITEMS:

1. Call to Order and Roll Call

Board President Jed Smith called the meeting to order at 5 PM.

DIRECTORS PRESENT

Ranjiv Khush
Diana Maier
Matt Samson
Larry Russell
Jed Smith

2. Adoption of Agenda

Director Samson motioned to adopt the agenda. Director Khush seconded the motion.

There were no public comments.

Voting Yea: Directors Khush, Maier, Samson, Russell, and Smith

Motion passed.

3. Public Comment on Non-Agenda Matters

There were two (2) public comments.

4. Directors' and General Manager's Announcements

Director Samson commented on the current state of the District's revenues reported at the Finance & Administration Committee Meeting, acknowledged the pile burning event at the Watershed, and requested the winners of the water efficiency high school video contest be acknowledged at a future Board meeting.

There were no further announcements from the other directors.

5. Board Committee Reports

Finance & Administration Committee Vice Chair Smith summarized the agenda items discussed at his committee meeting on February 26, 2026.

No further Board Committee Reports were presented.

6. Consent Items

- a. February 24, 2026 Board Meeting Minutes

RECOMMENDATION: Accept the minutes of the Board of Directors' Regular Bi-Monthly Meeting on February 24, 2026

- b. California Conservation Corps Contract

RECOMMENDATION: Approve two-year contract with the California Conservation Corps for forest resiliency and watershed trail work in the amount not to exceed \$222,042.00, and Authorize the General Manager to finalize and execute the agreement

Director Maier motioned to approve the Consent Calendar. Director Khush seconded the motion.

There were no public comments.

Voting Yea: Directors Khush, Maier, Samson, Russell, and Smith

Motion passed.

7. Regular Items

- a. Water Efficiency Outreach Activities Update

RECOMMENDATION: Receive an update on current and planned activities to outreach to customers regarding various District Water Efficiency programs and incentives

Communications & Public Affairs Manager Adriane Mertens presented this item.

Discussion followed.

There were three (3) public comments.

This was an information item. No formal Board action occurred.

- b. Gibson Tanks Construction Project Update

RECOMMENDATION: Receive staff update for the construction of Gibson Tanks

Engineering Director Alex Anaya and Engineering Construction Manager Mark Kasraie presented this item.

Discussion ensued.

There were no public comments.

This was an information item. No formal Board action occurred.

8. Future Board and Committee Meetings and Upcoming Agenda Items

- a. Upcoming Meetings

Acting Board Secretary Tara Hagins reported that no changes were made to the list of upcoming meetings.

Board President Smith invited the directors to attend the June Employee Recognition at the Watershed.

There were no comments from the other directors or the public.

9. Announcement of Closed Session Item(s); Public Comments on Closed Session Item(s)

Board President Smith announced that the Board will go into a Closed Session.

There were no public comments.

The Board convened to Closed Session and went to the Mt. Tam Conference Room.

- a. **Conference with Legal Counsel - Existing Litigation**
(California Government Code §54956.9)

Delta Grinding Company, Inc. v. Town of Fairfax; Marin Municipal Water District

Marin County Superior Court, Case #: CV0006328

b. Conference with Legal Counsel - Anticipated Litigation

Initiation of litigation pursuant to *California Government Code § 54956.9(c)*

Number of Cases: Unknown

c. Conference with Real Property Negotiations

(California Government Code §54956.8)

Property: 67 Tamalpais Road, Fairfax, CA (APN: 001-123-03)

Agency Negotiation: Ben Horenstein, General Manager

Negotiating Parties: Ray Bakowski

Under Negotiation: Both Price and Terms of Payment

d. Conference with Legal Counsel - Anticipated Litigation

Significant Exposure to litigation pursuant to *California Government Code § 54956.9(b)*

Number of Cases: Unknown

e. Public Employment

(California Government Code §54957(b))

Title: General Manager

The Closed Session was adjourned, and the Board went back to the Board Room.

10. Reconvene to Open Session; Closed Session Report Out

The Board reconvened to Open Session. President Smith reported that no reportable action occurred.

11. Adjournment

There being no further business, the Board of Directors' Regular Board Meeting on March 3, 2026 adjourned at 7:26 p.m.

Board Secretary



STAFF REPORT

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

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve Report

SUMMARY:

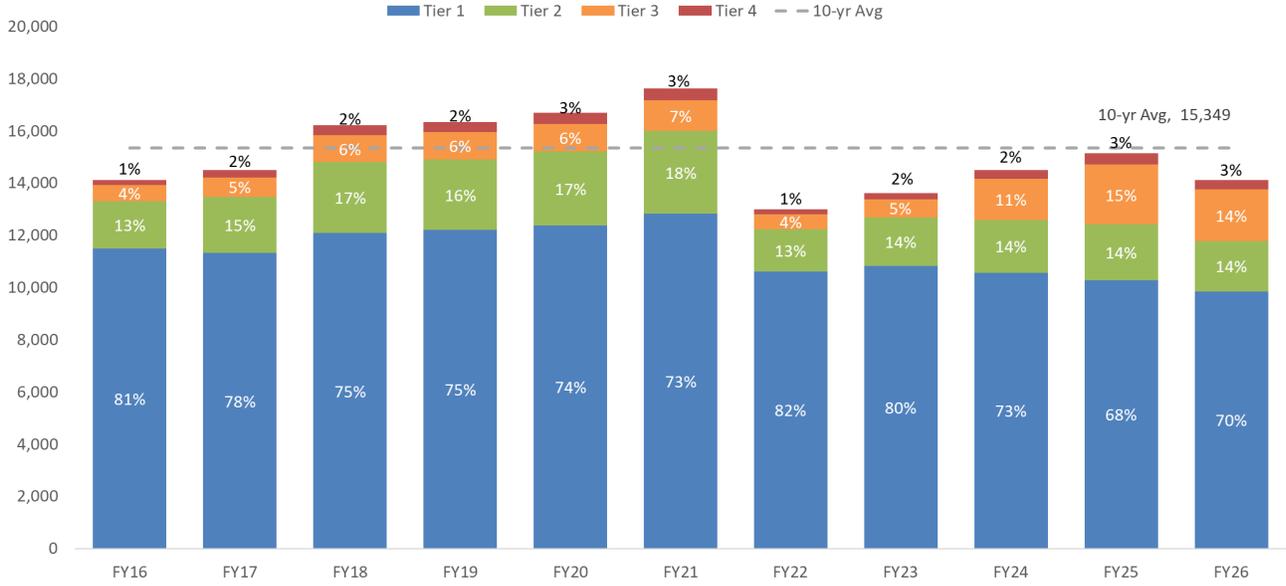
A. HIGHLIGHTS:

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

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

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

TIER CONSUMPTION AS OF FEBRUARY 2026 (Acre Feet)



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

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

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

DISCUSSION:

B. SUMMARY:

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

1. Water Production:

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

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

Average to date = 39.35 inches

3. Water Quality:

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

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

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

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

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

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

Summary:

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

4. Water Treatment:

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

* Set monthly by Water Quality Lab

** pH to Ignacio is controlled by SCWA

5. Capital Improvement:

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

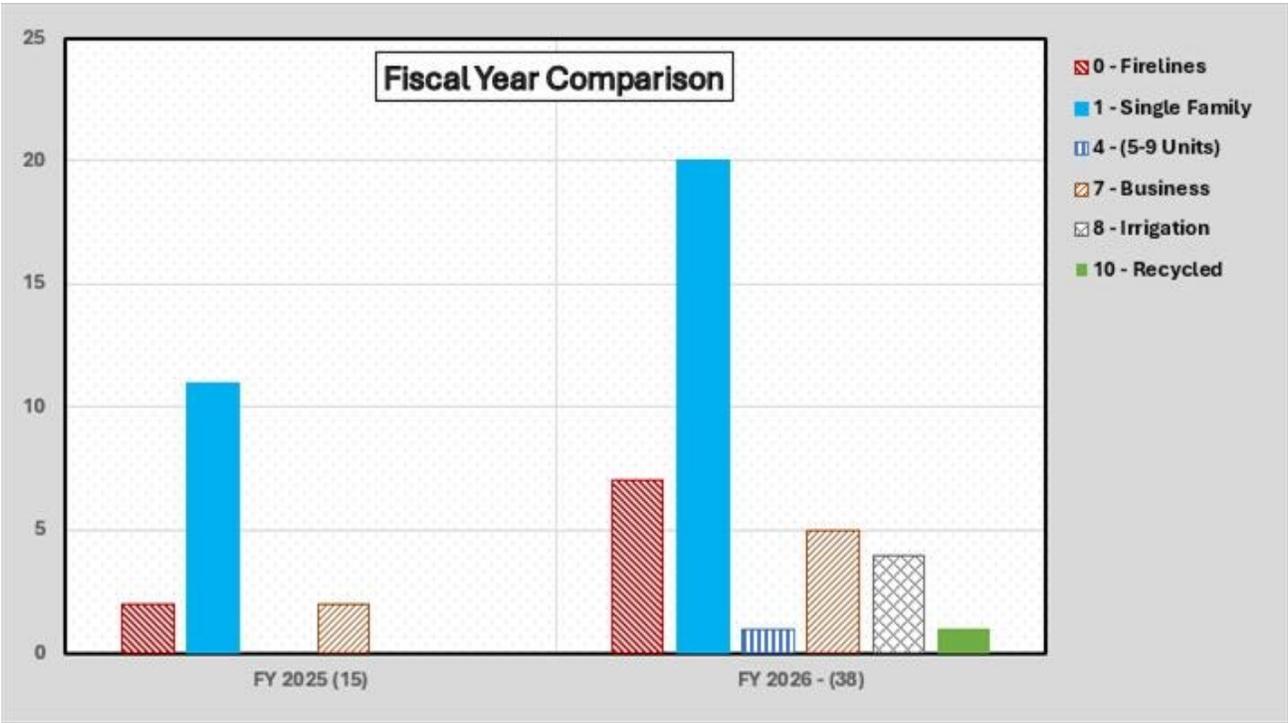
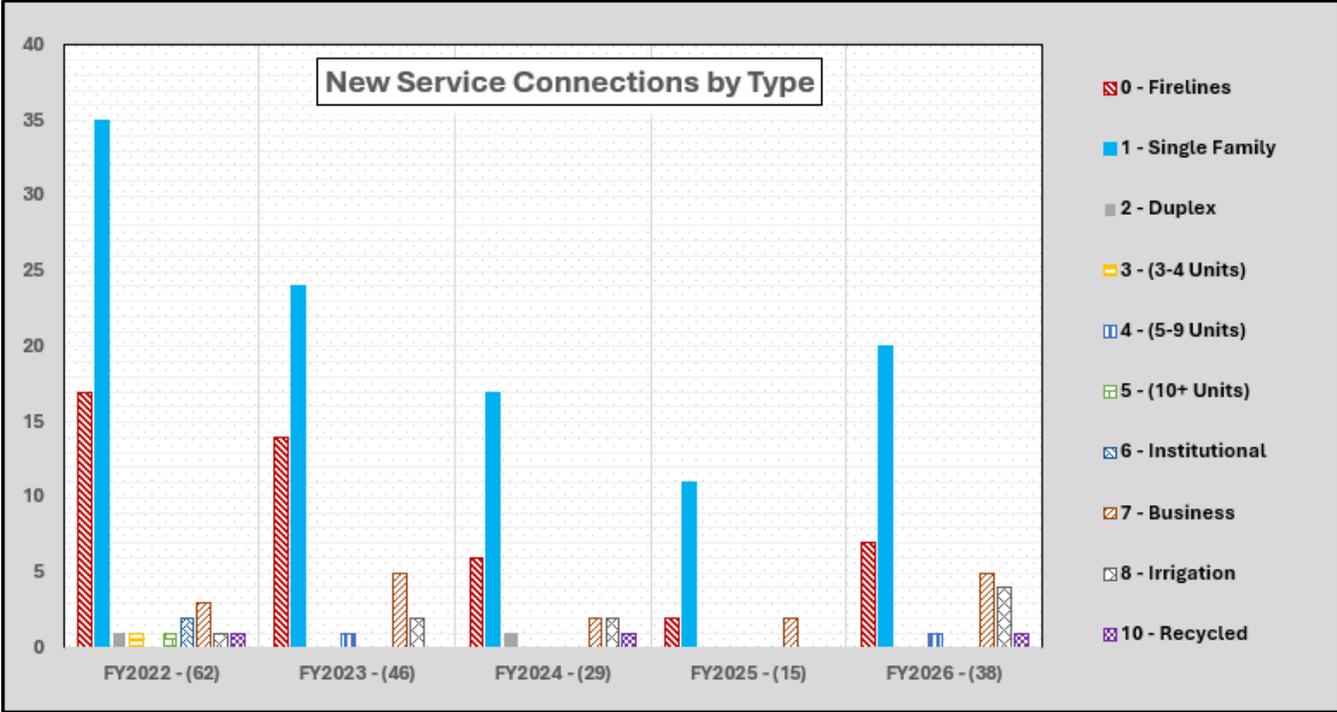
its contractor are preparing for construction of the tanks next season. The District will begin construction work after the prohibition period ends on August 1, 2026, or after biological surveys identify that the owls have fledged their nests. The project is anticipated to be complete in 2029.

- Project Budget: \$ 1,495,747.00
 - Monthly Activities: The Contractor continues to install the new roofing system. When the roof installation is complete, the contractor will install fall protection guardrails and access ladders. Project completion is estimated Summer 2026.
- c. Canal Pipeline Replacement Project (GC25005): The Canal Pipeline Replacement Project will install approximately 3,800 feet of new 12", 8", 6", and 4" welded steel pipe to replace asbestos-cement pipe and leak-prone plastic service laterals installed as early as 1951. The District was awarded a Bay Area Integrated Regional Water Management (IRWM) Proposition 1 Round 2 grant in the amount of \$6,408,000 to implement the Marin City/San Rafael Water Supply Resilience Project. The grant also includes funding for community partners to conduct project-related outreach to support implementation and community-based water education activities.
- Project Budget: \$2,958,870
 - Monthly Activities: The Contractor has completed water system installation and is performing final punchlist and paving work. The project will be completed in March 2026.
- d. Bon Tempe Treatment Plant Backwash Valve Replacement Project (D23008): This project is part of the District's Capital Improvement Program and will address the deteriorating condition of the existing backwash system by replacing existing backwash valves, select pipe, and associated appurtenances.
- Project Budget: \$1,200,960
 - Monthly Activities: The Contractor temporarily demobilized equipment for the Northern Spotted Owl work prohibition period beginning February 1. Work that remains includes interior backwash valve replacements, interior 8-inch plant water piping, and miscellaneous construction items. The project completion is estimated Summer 2026.
- e. Kastania Pump Station Rehabilitation Project Phase II (D21027): This project will install a single, new high efficiency pump and motor and will incorporate various new drainage features at Kastania Pump Station. The project will also install a new 16" pressure relief valve and 8,000-gallon pressure relief discharge tank at Ignacio Treatment Plant.
- Project Budget: \$3,733,577
 - Monthly Activities: The Contractor has begun the initial phase of the project, which includes providing equipment and materials submittals for District review and approval. Project completion is estimated Summer 2027.
- f. Marin City Phase II Pipeline Replacement Project (GC25005): Marin City Phase II Pipeline Replacement Project is a component of the District's Capital Improvement Program. The Project will install approximately 10,440 feet of 16, 8, 6 and 4-inch welded steel pipe to replace the old, leak prone, seismic deficient cast iron and asbestos cement piping installed as early as 1961.
- Project Budget: \$5,387,010

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

6. Other:

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



7. Recruitments and Hires:

The District recruited for the following positions:

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

The District hired new employees for the following positions:

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

8. Demand Management:

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

9. Watershed Protection:

Trail Rescue on High Marsh Trail

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



Ranger Mediate Visitor Dispute

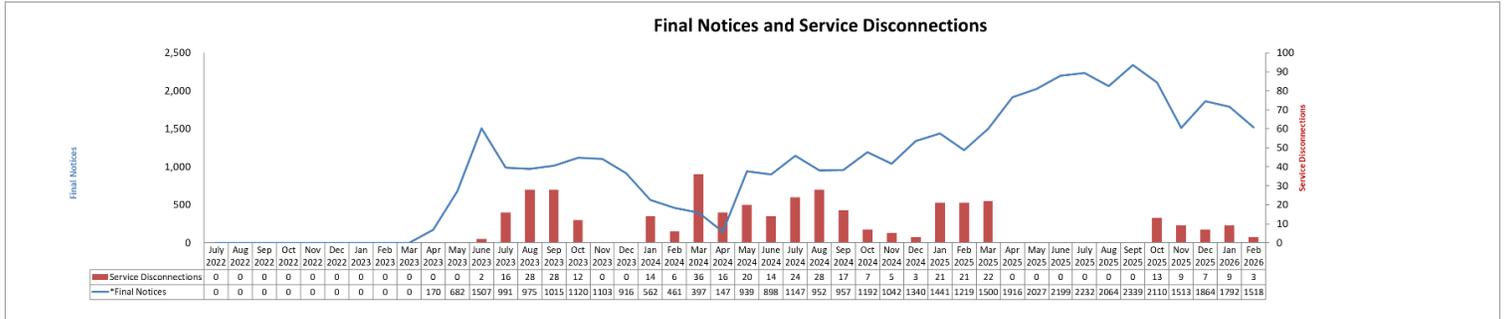
On a busy Saturday, a Ranger was performing a patrol check of the Lake Lagunitas Parking Lot when he observed a verbal dispute between visitors. A group of cyclists and a motorist were yelling at each other and were disturbing other visitors. The Ranger separated the groups and determined that the incident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

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



10. Shutoff Notices and Disconnections:

Final Notices
 Service Disconnections
 * Includes 10 day and final notices



FISCAL IMPACT: Not Applicable.

ATTACHMENT(S): None.

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
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Office of the General Manager

Ben Horenstein
 General Manager

Ben Horenstein
 General Manager



STAFF REPORT

Meeting Type: Board of Directors
Title: Award of Contract for the Water Treatment Master Plan Update
From: Alex Anaya, Director of Engineering
Through: Ben Horenstein, General Manager
Meeting Date: March 17, 2026

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve a professional services agreement with Woodard & Curran for professional engineering services for the Water Treatment and Transmission System Master Plan Update, in an amount not to exceed \$575,969, and Authorize the General Manager to execute the agreement

SUMMARY: This item was reviewed by the District Planning Committee on January 27, 2026. Increased water quality concerns resulting from a changing climate, a desire for increased water supply resiliency, and a need to prioritize treatment plant projects within the larger Capital Improvement Program have led staff to initiate an update to the 2015 Water Treatment Master Plan. Staff solicited competitive proposals to assist the District on the Water Treatment and Transmission System Master Plan Update from multiple firms that have experience in evaluating treatment plants using a risk based approach.

Staff recommends that the Board approve a professional services agreement with Woodard & Curran for professional engineering services for the Water Treatment and Transmission System Master Plan, in an amount not to exceed \$575,969 and authorize the General Manager to execute the agreement.

DISCUSSION: The District constructed its two main treatment plants, Bon Tempe Treatment Plant (BTTP) and San Geronimo Treatment Plant (SGTP), between 1958 and 1963. Since then, building codes and drinking water regulations have changed significantly, including the adoption of the Safe Drinking Water Act in 1974. Various upgrades and process changes have taken place since initial construction, and while the existing plant capacities are adequate under normal operating conditions, both plants require rehabilitation to assure their continued service into the future and to meet demand under non-routine conditions such as power outages or following a major earthquake. A comprehensive evaluation was performed of both treatment plants in 2014 and the District’s existing San Geronimo and Bon Tempe Water Treatment Plants Master Plan Report (Report) was published in 2015.

The primary drivers of the Report were to evaluate the plants' aging infrastructure reliability, seismic resiliency, operational reliability, and water quality all under the assumption that the BTTP would serve as the District's emergency water treatment plant. A facilities evaluation looked at the two water treatment plants and provided structural, architectural, mechanical, power supply, and instrumentation and control recommendations. As a result of these evaluations, staff recommended specific projects to address the respective plants' vulnerabilities. Some of the identified projects from the 2015 report, such as the filter rehabilitation and mechanical and electrical upgrades at both Bon Tempe and San Geronimo, have been completed, while others, such as the installation of new clarifiers at San Geronimo, have not.

Additionally, while the Report noted the District meets all existing and foreseeable water quality standards, it did note the presence of taste and odor (T&O) issues but did not provide recommendations for a new disinfection process. Considering global warming and climate change into the future, the District can expect to see more frequent dry weather and droughts, T&O events, algal blooms, and potential increased regulation around harmful algal blooms. While staff cannot predict the exact nature of how these issues may evolve, this forecast shows it prudent to revisit the Report's findings and re-evaluate the potential of moving to ozone treatment. Moving to ozone treatment would not only provide a mechanism for the District to reduce T&O issues and the effects of harmful algal blooms but would also drastically reduce disinfection by-products throughout the system. Pursuing ozone treatment would require new changes to the treatment system, which were not included in the 2015 Report. If ozone is installed, the hydraulic grade line of the water would need to be evaluated comprehensively across the entire treatment system since the clarifiers would likely need to be positioned at a higher grade.

To further support the need for the Water Treatment Master Plan Update, it is important to note that treatment plant projects that were not recommended or analyzed in the Report have been completed since 2015. Most notably, the District completed installation of a three-megawatt (MW) generator at San Geronimo Treatment Plant in 2023. Following the 2017 Tubbs Fire in Santa Rosa and PG&E's notice of Public Safety Power Shutoffs (PSPS) to its customers in California, the District took measures to first rent a 2MW generator system in 2018 for the SGTP ensuring uninterrupted water production while the District completed construction of its permanent 3MW generator system. The District now has operational reliability and resiliency at the SGTP and can continue to keep the treatment plant in operation and allow the North Marin Line Boosters to continue to pump water into the distribution system during any power outage. The original 2015 Report assumed that the BTTP would function as the District's emergency plant due to its ability to deliver water to the southern part of the distribution system via gravity. However, with the generators now installed at the SGTP and with its larger production capacity when compared to BTTP, the District has effectively changed its emergency plant from Bon Tempe to San Geronimo.

The District also experienced a historic drought since the Report was published in 2015. Since then, staff completed the Strategic Water Supply Assessment and recommended several projects to increase the District's water supply resiliency. Some of the proposed projects involve relying more heavily on Kent, Soulajule, and Nicasio Reservoirs, increasing the criticality that San Geronimo be able to function in both planned and unplanned scenarios.

Increased water quality concerns resulting from a changing climate, a desire for increased water supply resiliency, and a need to prioritize treatment plant projects within the larger Capital Improvement Program have led staff to initiate an update to the 2015 Water Treatment Master Plan.

A Request for Proposals was issued for the Water Treatment and Transmission System Master Plan Update in late October 2025, with proposals due January 29, 2026. Over 20 firms received the Request for Proposals and on January 29th, the District received one proposal from Woodard & Curran. Woodard & Curran’s team brings a proven record of delivering master plans and future projects that are constructable and operable. This work will build upon Woodard & Curran’s deep knowledge of the District’s system and will work well with the recently completed Water Distribution System Master Plan.

District staff recommends that the Board approve a professional services agreement with Woodard & Curran for professional engineering services in support of the Water Treatment and Transmission System Master Plan Update. The professional services agreement will be for an amount not to exceed \$575,969. Funding to pay for this agreement will utilize funds identified for this project in the current two-year capital program.

ENVIRONMENTAL REVIEW: Not Applicable.

FISCAL IMPACT: Funding for this project has been identified and included in the Capital Improvement Budget (FY 26 and FY 27) under the A1A04 budget category.

Budget:

Contract Amount: \$575,969
 Total Budget: \$575,969
 Budget Category: A1A04 – Treatment Plants

Request for Proposals: October 28, 2025
 Proposals Received: January 29, 2026
 Est. Contract Award: March 17, 2026

Task Description	Budget
Task 1: Project Management: This task includes project management activities including day-to-day administration, progress meetings, and technical reviews throughout the duration of the contract.	\$85,560
Task 2: Review Existing Information: This task will review existing background information, perform site visits to the three water treatment plants, conduct staff interviews, and provide a technical memorandum summarizing key findings.	\$62,143
Task 3: Review and Update Planning Criteria: This task will review relevant industry standards, develop Level of Service criteria, facilitate a workshop with District staff, and provide a technical memorandum summarizing updating planning and design criteria.	\$60,955
Task 4: System Evaluation: This task will perform a transmission system and treatment plant evaluation using the updated criteria from Task 3. Specific aspects of the evaluation include plantwide piping and hydraulics, mechanical and electrical upgrades, control systems, structural systems, chemical storage and feed systems, clarifications systems, washwater and solids handling, filtration, and O&M	\$129,715

improvements. This task will also include an evaluation of current projects, a workshop with District staff, and a technical memorandum summarizing findings.	
Task 5: CIP Development: This task will develop project recommendations based on findings from Task 3 and 4, including project linkages, timing and sequencing, and Class V range of magnitude costs. There will be alternative project portfolios, a workshop with District staff, and a technical memorandum summarizing findings.	\$141,915
Task 6: Prepare WTTMP: This task will summarize all prior task work and will prepare an outline, draft, and final WTTMP for District review and acceptance.	\$95,681
Total Authorized Amount	\$575,969

ATTACHMENT(S): None.

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Engineering	 <hr/> Alex Anaya Engineering Director	 <hr/> Ben Horenstein General Manager



STAFF REPORT

Meeting Type: Board of Directors
Title: Award of Contract No. 2062 Roads and Trails On-Call Maintenance
From: Shaun Horne, Director of Watershed Resources
Through: Ben Horenstein, General Manager
Meeting Date: March 17, 2025

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve a resolution authorizing the award of Contract No. 2062, Roads and Trails On-Call Maintenance, to Piazza Construction in an amount not to exceed \$2,113,276.00

SUMMARY: The Mt. Tamalpais Watershed Road and Trail Management Plan (RTMP) outlines the best management practices and environmental protection measures for maintaining watershed roads and trails. Since the RTMP’s adoption, the District has been implementing its management practices and measures on the watershed. The District awarded an On-Call Road and Trail Maintenance Contract on May 17, 2022, for a two-year term and extended the contract for one additional year in 2024 per the terms of the contract, which expired on June 30, 2025. After the contract expired, the District advertised a new On-Call Roads and Trails Maintenance Contract (CN-2057) and opened bids in October 2025. The District received nine (9) bids. Upon review, staff determined that three (3) were non-responsive, including the lowest bid. After reviewing the bids and considering that three bids were found to be non-responsive, staff recommend rejecting all bids and reissuing the invitation for bids for this on-call work.

The District re-advertised the bid under Contract No. 2062 Roads and Trails On-Call Maintenance. The District received seven (7) bids and recommends award to the lowest responsive bidder, Piazza Construction in an amount not to exceed \$2,113,276.00, with the term to run through fiscal year 2028. Therefore, staff recommends that the Board of Directors approve a resolution awarding Contract No. 2062 to Piazza Construction in the amount of \$2,113,276.00 and authorize the General Manager to execute any necessary amendments to Contract No. 2062, which do not exceed a 15% contingency of \$316,991.40.

DISCUSSION: In April 2005, the District adopted the Mt. Tamalpais Watershed Road and Trail Management Plan (RTMP), which outlines best management practices and environmental protection measures for maintaining watershed roads and trails. As part of this plan, the District proactively maintains service roads to support emergency access and water infrastructure servicing, and repairs trails to ensure safe public access and prevent environmental degradation.

To implement these activities, the District utilizes a combination of staff, volunteers and contractors. Currently, the District is focused on several key efforts, including repairing approximately 70 watershed culverts, constructing the Azalea Hill Trail Project Parking Lot, and performing routine annual road and trail maintenance to protect water quality and maintain access to critical water distribution facilities.

These projects often require the use of heavy equipment and specialized skills that exceed the capacity of other contractors such as the California Conservation Corps and California Conservation Corps North Bay, who have historically supported lighter maintenance tasks.

To support these ongoing needs, the District advertised Contract No. 1981 for on-call watershed roads and trail maintenance on April 9, 2022, and awarded the contract to Piazza Construction on May 17, 2022. Contract No. 1981 expired on June 30, 2025.

In October 2025, the District released a notice inviting bids for a three (3) year On-call Roads and Trails Maintenance contract. The notice was published in the local newspaper and posted on the District's external bid posting website to inform contractors of the opportunity. The bid opening occurred on October 30, 2025, and nine sealed bids were received. The lowest bid was non-responsive because it did not include a signed addendum and did not meet the required bidder instructions. The second-lowest bid was deemed non-responsive due to a mathematical error that overstated the bid amount.

During the bid review process, the District received a bid protest from Piazza Construction regarding the District's determination that its bid was non-responsive. Staff identified a mathematical error in Piazza Construction's total bid amount that constitutes a material defect under public contracting requirements. Because this error rendered the bid eligible for withdrawal without forfeiture of the bid bond, it created a potential competitive advantage not available to other bidders. Accordingly, staff determined that the bid could not be considered responsive.

After further reviewing the bids and the protest and considering that three bids were found to be non-responsive including the apparent first and second lowest bids, staff recommended rejecting all bids and reissuing the invitation for bids for this on-call work. The Board approved a resolution rejecting all bids for the Roads and Trails On-Call Maintenance Project, Contract No. 2057 and found the bid protest moot at the regularly scheduled meeting on January 6, 2026.

The District re-advertised a notice inviting bidders on January 28, 2026, for an On-Call Roads and Trails Maintenance contract under Contract No. 2062. The District received and publicly opened seven (7) bids on February 24, 2026.

District staff reviewed the bids for responsiveness, and the lowest qualified bidder was selected. Therefore, staff recommends that the Board of Directors approve a resolution awarding Contract No. 2062 to Piazza Construction in the amount of \$2,113,276.00 and authorize the General Manager to execute any necessary amendments to Contract No. 2062, which do not exceed a 15% contingency of \$316,991.40.

Rank	Company Name	Bid Amount
1	Piazza Construction	\$2,113,276.00
2	North Bay Excavation, Inc.	\$2,275,387.00
3	ETIC	\$2,287,222.00
4	Land Revision	\$2,475,545.00
5	Passenger Construction Corp.	\$2,592,826.00
6	Ground Control Inc.	\$2,634,475.98
7	Valentine Corporation	\$2,759,042.00

Budget:

FY 2026 (Date of Notice to Proceed – June 30, 2026): \$485,990.00
FY 2027 (July 1, 2026 – June 30, 2027): \$705,926.00
FY 2028 (July 1, 2027 – June 30, 2028): \$921,360.00

Total budget: \$2,113,276.00

Budget Category: A1E04 and A1E05

Work is scheduled to take place across Fiscal Years 2026, 2027 and 2028.

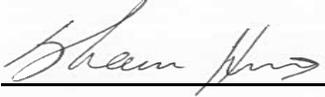
ENVIRONMENTAL REVIEW: The District as the Lead Agency, has prepared a Programmatic Environmental Impact Report (PEIR), pursuant to the provisions of the California Environmental Quality Act for roads and trails maintenance, which was adopted in 2005 and covers all work being proposed under this contract.

FISCAL IMPACT: The total maximum expenditures under the proposed contract will not exceed \$2,113,276.00 to perform the roads and trails maintenance work over the approximately three-year term, during FY26, FY27 & FY28. Funds for this contract are budgeted in the District’s Watershed Division roads and trails Operations and Capital budgets.

ATTACHMENT(S):

- 1. Proposed Resolution Authorizing Award of Contract No. 2062

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
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Watershed		
	<hr/> <p data-bbox="667 331 959 443">Shaun Horne Watershed Resources Director</p>	<hr/> <p data-bbox="1110 331 1344 405">Ben Horenstein General Manager</p>

MARIN MUNICIPAL WATER DISTRICT

RESOLUTION NO.

**A RESOLUTION OF THE BOARD OF THE MARIN MUNICIPAL WATER DISTRICT
AWARDING CONSTRUCTION CONTRACT NO. 2062 PIAZZA CONSTRUCTION,
FOR ON-CALL ROADS AND TRAILS MAINTENANCE**

WHEREAS, on January 28, 2026, the District advertised Contract No. 2062, On-Call Roads and Trails Maintenance Contract; and

WHEREAS, the District received and publicly opened seven (7) bids on February 24, 2026, of which Piazza Construction in the amount of \$2,113,276.00 was the lowest responsive and responsible bid.

NOW, THEREFORE, THE BOARD OF DIRECTORS RESOLVES that:

1. The bid of \$2,113,276.00 submitted by Piazza Construction for On-Call Roads and Trail Maintenance under Contract No. 2062 (“Contract”) was the lowest responsive and responsible bid submitted therefor, and said bid is hereby accepted.
2. A Contract for this project be awarded to said low bidder, and the General Manager is authorized and directed to execute said Contract on behalf of the District upon receipt of a performance bond, payment bond, proof of insurance, and the executed contract for the work from said bidder.
3. The General Manager is authorized to execute any and all future amendments to the Contract, which he deems necessary, without further Board approval, so long as those amendments to the Contract do not exceed 15% of the total contact amount (\$316,991.40).
4. Upon complete execution of said Contract, the bonds and/or checks of the other bidders are to be returned to said other bidders, and all bids other than that of Piazza Construction.
5. The project is covered by the Mt. Tamalpais Watershed Roads and Trail Environmental Impact Report (EIR) under Public Resources Code section 21000 et seq. and the Guidelines for Implementation of California Environmental Quality Act, California Code of Regulations Title 14, section 15000 et seq.

PASSED AND ADOPTED this 17th day of March 2026, by the following vote of the Board of Directors.

AYES:

NOES:

ABSENT:

Jed Smith
President, Board of Directors

ATTEST:

Terrie Gillen
Board Secretary



STAFF REPORT

Meeting Type: Board of Directors
Title: Third Amendment to Miscellaneous Agreement No. 6185 With National Response Team for Water Remediation and Restoration Services
From: Darren Machado, Operations Director
Through: Ben Horenstein, General Manager
Meeting Date: March 17, 2026

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve a Third Amendment to Miscellaneous Agreement No. 6185 for restoration response services, exercising an option to extend the contract term for two additional years, and adding an additional \$200,000 to the agreement for a total amount not to exceed \$750,000

SUMMARY: On March 21, 2023, the Board of Directors approved a 3-year agreement with National Response Team (NRT) for on-call 24/7 Water Remediation and Restoration Services. This agreement anticipated an expenditure of approximately \$100,000 per year based on a historical average cost annually for these services and was entered into with a total funding amount not to exceed \$300,000.

On November 25, 2025, an amendment (first amendment) was executed adding an additional \$100,000 to this agreement for the utilization of additional services, for a total amount not to exceed \$400,000.

On January 6, 2026, the Board approved an amendment (second amendment) adding an additional \$150,000 to this agreement for the utilization of additional services, for a total amount not to exceed \$550,000.

The additional funds were needed due to a higher number of water main breaks requiring significant remediation services and the further amended is necessary to ensure the continued 24/7 availability of these services. In 2023, there were a total of 44 water main breaks resulting in the need for NRT’s services six times at a total cost of \$95,074. The following year, 2024, there was a total of 60 water main breaks resulting in the need for NRT’s services five times at a total cost of \$37,465. In 2025, there was a total of 69 water main breaks resulting in the need for NRT’s services 12 times at a total cost of \$240,318.

Staff is requesting that the Board approve the Third amendment, exercising an option to extend the contract term for two additional years, adding an additional \$200,000 to this agreement, for a total amount not to exceed \$750,000, and authorize the General Manager to execute the amendment.

DISCUSSION: The District takes many measures to reduce potential liabilities and preserve ratepayer dollars. These risk management approaches include many strategies such as providing preventative training, maintaining adequate insurance coverages to protect District assets, requiring contractors and vendors to maintain adequate insurance coverages, administering a District self-insurance program in a prudent manner, and continually identifying risks and mitigation strategies.

One key part of these risk mitigation strategies is maintaining on-call water remediation and restoration services. In the event of a District water main break that results in the flooding of residences or businesses, District crews dispatch the District’s on-call water remediation and restoration service provider. The service provider responds 24/7 and, with the consent of the property owner, begins to immediately relocate personal belongings to prevent further water damage and to dry the impacted structure(s). This work assists District customers impacted by the unplanned event, provides a timely response to reduce the scope of damage and eliminates the need for the impacted customers to secure these services on their own. Providing this service not only helps to mitigate the extent of the damage, it is also representative of the level of service that the District always strives to provide to its customers. Additionally, by having the District’s service provider deliver these services, the District benefits from economies of scale price savings and reduces the risks of further damages potentially resulting from the water intrusion, such as the prevention of mold growth.

These services are provided on an as-needed basis. During the initial three years of this contract, the District experienced a number of water main breaks that impacted customer properties and necessitated the response of NRT to quickly mitigate the damages. The number and significant nature of some of these events resulted in a need for additional funds within the first three years of the agreement. The Third Amendment will ensure that these services will continue to be available to the District and its customers in the event of water intrusion caused by possible future water main breaks. Staff request that the Board authorize the third amendment for the continuation of NRT’s on-call 24/7 service for an additional two (2) years.

ENVIRONMENTAL REVIEW: Not applicable.

FISCAL IMPACT: This is an on-call agreement, meaning that no number of services or expenditures are guaranteed. Funding for this third amendment is an operating expenditure and will be funded under the District’s self-insurance budget (10-7020-5510).

ATTACHMENT(S):

1. Proposed third amendment to Miscellaneous Agreement No. 6185

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
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Operations

Darren Machado

Darren Machado
Operations Director

Ben Horenstein

Ben Horenstein
General Manager

**THIRD AMENDMENT TO
AGREEMENT FOR PROFESSIONAL SERVICES BETWEEN MARIN
MUNICIPAL WATER DISTRICT and NATIONAL RESPONSE TEAM
(Miscellaneous Agreement No. 6185)**

This Third Amendment (“Third Amendment”) is entered into by and between Marin Municipal Water District (“District”) and National Response Team (“Consultant”).

For good and valuable consideration the receipt and adequacy of which is hereby acknowledged, the parties hereto agree as follows:

Section 1. Recitals:

- A. District and Consultant entered into a Professional Services Agreement for on-call water remediation and restoration services dated March 30, 2023 (“Agreement”).
- B. On November 25, 2025, the parties executed an amendment (“First Amendment”) to the Agreement to increase the not to exceed amount an additional \$100,000 to permit the utilization of additional services to a not to exceed amount of \$400,000 in total.
- C. On January 27, 2026, the parties executed an amendment (“Second Amendment”) to the Agreement to increase the not to exceed amount an additional \$150,000 to permit the utilization of additional services to a not to exceed amount of \$550,000 in total.
- D. The Agreement contains an option for the District to extend the term of the Agreement for an additional two (2) years. On March 30, 2026, the current term of the Agreement will expire.
- E. The parties desire to enter into a further amendment (“Third Amendment”) to the Agreement to extend the services of Consultant for a term of two additional years, until March 30, 2028, to adjust the applicable fee schedule and increase the not to exceed amount set forth in the Agreement by an additional \$200,000 to permit the utilization of additional services.

Section 2. Terms:

A. Amendment to Agreement: This Third Amendment modifies the Agreement. Except for the modifications contained herein, all the terms of the Agreement shall apply.

B. Terms:

- 1. The services to be provided under the Agreement, as amended shall be paid pursuant to the adjusted fee schedule attached hereto as Attachment B. In no event shall the total amount paid under the Agreement, including this Third Amendment exceed \$750,000.

1. **Amend Part B General Provisions- Section 4 entitled “Prosecution of Work” to read as follows:**

PROSECUTION OF WORK: The execution of this agreement shall constitute the Consultant’s authority to proceed immediately with the performance of this contract. Performance of the services hereunder shall be completed by March 31, 2028.

2. **Amend Attachment A Scope of Work- District Contacts and Authority Limits for Approval of Work to read as follows:**

For work totaling less than \$3,000 – Dillon Irving (415).945.1153,
dirving@marinwater.org
Darrel Patchin (415).945.1152
dpatchin@marinwater.org
Peter Salazar (415).945.1175
psalazar@marinwater.org
Benjamin Alexander (415).945.1454
balexander@marinwater.org

For work over \$3,000 but less than \$10,000 – Mark Hedeem – (415).945.1150
mhedeem@marinwater.org
Mike Snieg – (415).945.1147
msnieg@marinwater.org
Ross Barlow – (415).945.1481
rbarlow@marinwater.org

For work exceeding \$10,000 but less than \$25,000 – Darren Machado
(415).945.1144
dmachado@marinwater.org

For work exceeding \$25,000 – Authority required from District General Manager

Dated:

NATIONAL RESPONSE TEAM

By: _____

Name: _____

Title: _____

Dated:

MARIN MUNICIPAL WATER DISTRICT

By _____

Bennett Horenstein, General Manager

ATTACHMENT B- Fee Schedule and Unit Prices for On-Call Services Under Agreement 03/31/2026 through 03/30/2028

Service Provided	Rate	Pricing
Emergency Service Call (Normal Business Hours- 8am to 5pm)	Per Call	222.85
Emergency Service Call (After Business Hours)	Per Call	334.28
Water Extraction & Remediation Technician (Normal Business Hours- 8am to 5pm)	Hourly	79.12
Water Extraction & Remediation Technician (After Business Hours)	Hourly	118.80
Cleaning & Remediation- Supervisory (Normal Business Hours- 8am to 5pm)	Hourly	83.57
Cleaning & Remediation- Supervisory (After Business Hours)	Hourly	125.48
Air Movers (per 24 hour period)	Daily	26.98
Dehumidifer- XLarge (per 24 hour period)	Daily	103.53
Dehumidifer- Large (per 24 hour period)	Daily	77.70
Negative air machine (per 24 hour period)	Daily	77.66
Explain the costs for any necessary testing (lead, asbestos, etc.)	Base per sample (30)	575 35
Explain the costs for storage of any personal items while water remediation and restoration process is being completed.	mo per vault	250

District will remit payment to Consultant for work performed on all undisputed invoices within thirty (30) days of receipt. All invoices shall comply with the documentation requirements set forth in Attachment A.



STAFF REPORT

Meeting Type: Board of Directors

Title: Amendment to MA-6406 for a One-Year Extension of Rimini Street Software Support Service for SAP Payroll

From: Bret Uppendahl, Finance Director

Through: Ben Horenstein, General Manager

Meeting Date: March 17, 2026

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve an amendment for a software license and maintenance renewal with Rimini Street, Inc. (RSI) for their RSITE tax subscription service to renew maintenance and support through March 31st, 2027, for a total amount not to exceed \$185,000, and authorize the General Manager to execute the contract amendment

SUMMARY: The Rimini Street Integrated Tax Engine (RSITE) subscription service provides the District with essential tax, legal, and regulatory updates for our Enterprise Resource Planning (ERP) systems and ensures compliance with state and federal tax updates when processing payroll. The District has used Rimini Street since 2021, and it is tightly integrated into our ERP system. While this service will ultimately be phased out as part of the ERP modernization project, it is required for the next four calendar quarters to process payroll on the legacy systems and to keep those systems current.

DISCUSSION: At the end of 2024, the District transitioned from 3rd party SAP support provided by Rimini Street and reinstated support directly from SAP. This was an essential first step to begin the ERP Modernization project. One key service from Rimini Street that was tightly integrated into our production systems remained however, which was the RSITE tax, legal & regulatory software compliance service. RSITE is essential to keeping our ERP systems running smoothly and ensuring the District remains compliant with federal and state tax updates. This service will not be required once the District completes the implementation of SuccessFactors. The completion date for SuccessFactors is currently scheduled for the 1st quarter of calendar year 2027.

Staff recommends that the Board approve an amendment to agreement MA-6046 to extend the proposed software maintenance through March 31st, 2027, with Rimini Street for a total not to exceed amount of \$185,000 and authorize the General Manager to execute the contract amendment. This will be the 8th amendment to the contract, for a total cumulative expenditure of \$653,007 for SAP software support from 2021 to 2027. The prior amendments were primarily quarterly extensions of the existing

service at the same price. Prior Board approvals include \$145,338 on October 11, 2022, and \$150,000 on June 17, 2025.

ENVIRONMENTAL REVIEW: Not applicable.

FISCAL IMPACT: This renewal will cover all licenses and entitlements from Rimini Street, Inc. (RSI) for their tax updates for SAP Payroll and will be invoiced one time for an annual subscription. Staff negotiated a reduction in price by converting the service to an annual term compared to the prior quarterly terms. The total cost for the 1-year extension is \$185,000, which represents a savings of \$15,000 compared to the prior year. Funding for the expenditures detailed above is available within the Information Technology Department’s Operational budget for Fiscal Year 2026-27.

ATTACHMENT(S): None.

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
<p style="text-align: center;">Finance</p> <hr/>	 <hr/> <p style="text-align: center;">Bret Uppendahl Finance Director</p>	 <hr/> <p style="text-align: center;">Ben Horenstein General Manager</p>



STAFF REPORT

Meeting Type: Board of Directors
Title: Quarterly Investment Report
From: Bret Uppendahl, Finance Director
Through: Ben Horenstein, General Manager
Meeting Date: March 17, 2016

TYPE OF ITEM: Action X Information

RECOMMENDATION: Receive update on the District’s investment portfolio

SUMMARY: Pursuant to District Investment Policy No. 33, the quarterly investment report is submitted to the Board for fiscal year 2025-26 as of December 31, 2025.

DISCUSSION: The District’s investment portfolio (pooled cash) carried a market value of \$122.8 million as of the end of December. The investments held included \$74.1 million on deposit in the Local Agency Investment Fund (LAIF), \$27.2 million on deposit in CAMP, \$11.7 million on deposit in the Fidelity Government Money Market Fund, and \$9.8 million in the District’s general checking account. Fiscal year-to-date interest earned as of December on the District’s portfolio totaled \$2.2 million. The average annual effective yield for LAIF investments for the second quarter of the fiscal year 2026 was 4.20 percent, compared to 4.62 percent average effective yield for the second quarter of fiscal year 2025.

Pursuant to subsection (b) (2) of California Government Code § 53646, the District portfolio complies with the District’s investment policy. Pursuant to subsection (b) (3) of California Government code §53646, the District establishes that it is able to meet its pooled expenditure requirements for the next six months.

ENVIRONMENTAL REVIEW: Not applicable.

FISCAL IMPACT: None.

ATTACHMENT(S):

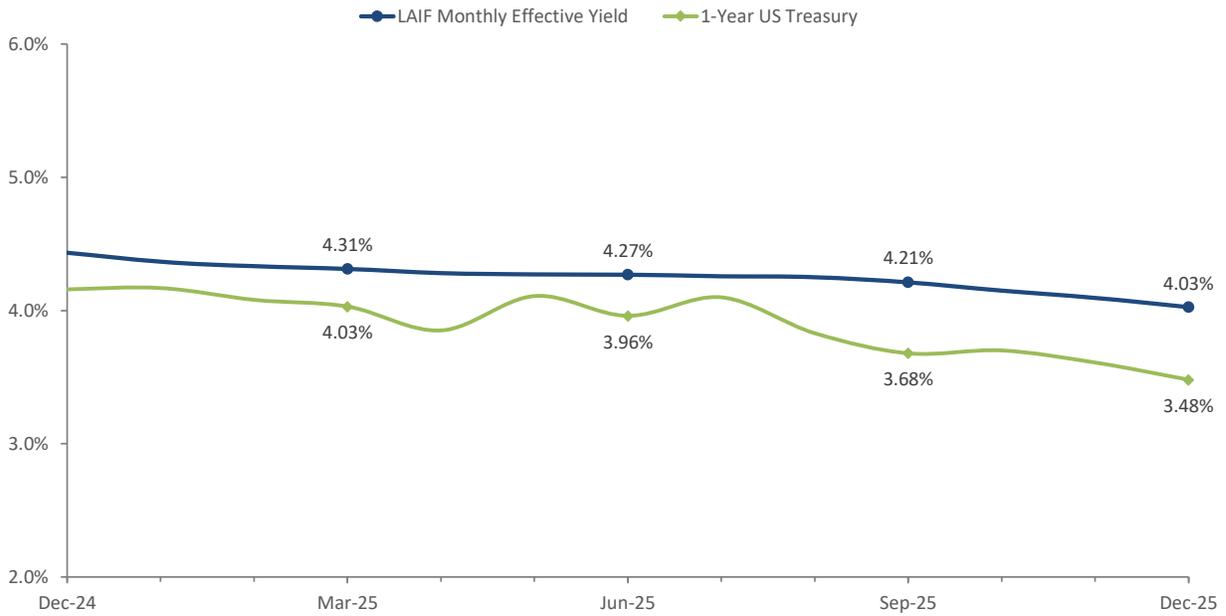
1. Schedule of Investments as of December 31, 2025

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Finance		
	Bret Uppendahl Finance Director	Ben Horenstein General Manager

**Marin Municipal Water District
FY 2026 Schedule of Investments
As of December 31, 2025**

District Investments	Investment Type	Beginning Balance	Purchases / Deposits	Investment Income/(Loss)	Withdrawals	Ending Balance	% of Portfolio
Local Agency Investment Fund	Local Government Investment Pool	74,566,715	-	1,578,408	(2,000,000)	74,145,123	60%
CAMP Pooled Investment Fund	Joint Powers Authority Pool	-	27,000,100	208,226	-	27,208,326	22%
Fidelity Investments Money Market Government Portfolio Class I	Money Market Mutual Fund	11,223,797	11,228,004	197,470	(11,001,000)	11,648,272	9%
Vanguard Reserves Federal Money Market Fund	Money Market Mutual Fund	11,000,000	-	228,004	(11,228,004)	-	0%
US Bank Checking Account	Checking Account	14,629,424	114,940,011	8,311	(119,748,773)	9,828,973	8%
TOTAL INVESTMENTS		111,420,336	153,168,115	2,220,420	(143,978,177)	122,830,693	100%

**Comparison of LAIF Yield to 1-Year US Treasury
Dec 24 to Dec 25**



1. Source: California State Treasurer and U.S. Department of the Treasury websites.
 2. LAIF Pooled Money Investment Account has maturities from 1 day to 5 years and a weighted average maturity of less than 1 year



STAFF REPORT

Meeting Type: Board of Directors
Title: Legislative Update
From: Shaun Horne, Director of Watershed Resources
Through: Ben Horenstein, General Manager
Meeting Date: March 17, 2026

TYPE OF ITEM: X Action Information

RECOMMENDATION: Adopt a position of support on Assembly Bill (AB) 2180 and Senate Bill (SB) 1153 and Receive Update on AB 107

SUMMARY: The District regularly tracks state and federal legislation that may affect District operations. Staff is proposing that the Board adopt a support position on AB 2180 and SB 1153, which are sponsored by the Association of California Water Agencies (ACWA), of which the District is a member agency. Staff will also provide an update on AB 107 (chaptered).

DISCUSSION: The table below summarizes legislation relevant to the District that staff is recommending for support. Staff recommendations are based on vetting of each bill, as well as alignment with ACWA. Generally, the bills recommended for District support provide financial and regulatory support for District operations. A District position of *support* indicates that the district will send letters of support on these items, both through ACWA and independently.

RECOMMENDED FOR SUPPORT		
Item	Introduced	Summary
AB 2180	Ward	<p>AB 2180 would clarify how water agencies comply with Proposition 218 when setting water rates. This clarification will provide predictability for agencies, support California’s water-use conservation goals and help minimize unnecessary legal disputes over water rates.</p> <p>Recent appellate court decisions have created uncertainty about how agencies must demonstrate proportionality — particularly for tiered rates. AB 2180, authored by Assemblymember Chris Ward (D-San Diego), would codify the framework established in <i>Dreher v. LADWP</i> and affirm that:</p>

		<ul style="list-style-type: none"> • Costs related to water supplies, infrastructure, and system-wide peak demand may be allocated using reasonable methodologies without tracing specific water sources to individual parcels. • Agencies may use any reasonable method, supported by existing or projected data, to allocate service costs. • Agencies are not required to determine the exact cost of service for each parcel. • Uniform and tiered rate structures are permissible when based on reasonable cost allocation principles.
<p>SB 1153</p>	<p>Caballero</p>	<p>SB 1153 would clarify the limited role of public water systems during wildfires while strengthening emergency preparedness in high-risk areas.</p> <p>Public water systems are designed and constructed to provide safe, reliable drinking water, not to serve as wildfire defense or suppression systems. While water agencies often aid firefighting efforts, it would be physically impracticable and financially infeasible to design water systems to function as wildfire suppression infrastructure.</p> <p>SB 1153 would:</p> <ul style="list-style-type: none"> • Establish that limitations in water supply or water pressure during a wildfire are not a substantial cause of wildfire damages. • Clarify that wildfire spread is not an inherent risk of the design, construction, or maintenance of a public water system. • Make key findings and declarations regarding the role and limitations of public water systems in responding to wildfires. • Require urban retail water suppliers serving high or very high fire hazard severity zones to include wildfire-specific response procedures in their emergency response plans beginning Jan. 1, 2028

AB 107

Gov. Gavin Newsom on Feb. 19 signed into law AB 107 (Gabriel) that will shorten timelines for grant solicitations funded by Proposition 4. Funding in the 2025-'26 state budget can now be deployed more quickly and efficiently, ensuring that administrative processes do not hold up vital projects.

Specifically, the new law exempts Proposition 4 funds allocated in the 2025 Budget Act from the Administrative Procedures Act. This will benefit water agencies seeking Proposition 4 funding by ensuring a quicker grant solicitation process.

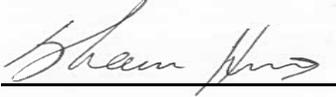
The exemption does not eliminate transparency, consultation or public engagement, but would instead streamline implementation, maintain consistency across programs and avoid creating barriers to delivering critical funding where it is most needed.

ENVIRONMENTAL REVIEW: Not applicable.

FISCAL IMPACT: None.

ATTACHMENT(S):

- 1. AB 2180
- 2. SB 1153

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Watershed	 Shaun Horne Watershed Resources Director	 Ben Horenstein General Manager

CALIFORNIA LEGISLATURE—2025–26 REGULAR SESSION

ASSEMBLY BILL

No. 2180

Introduced by Assembly Member Ward

February 19, 2026

An act to add Section 53751.5 to the Government Code, relating to local government finance.

LEGISLATIVE COUNSEL’S DIGEST

AB 2180, as introduced, Ward. Local government: Proposition 218 Omnibus Implementation Act: proportional cost of service.

The California Constitution specifies various requirements with respect to the levying of assessments and property-related fees and charges by a local agency. As part of those requirements, the California Constitution mandates that such fees or charges that are extended, imposed, or increased satisfy certain requirements, including, but not limited to, that the amount of the fee or charge imposed upon any parcel or person as an incident of property ownership not exceed the proportional cost of the service attributable to the parcel.

Existing law, known as the Proposition 218 Omnibus Implementation Act (act), prescribes specific procedures and parameters for local jurisdictions to comply with these requirements and, among other things, authorizes an agency providing water, wastewater, sewer, or refuse collection services to adopt a schedule of fees or charges authorizing automatic adjustments that pass through increases in wholesale charges for water, sewage treatment, or wastewater treatment or adjustments for inflation under certain circumstances.

This bill would authorize a local government to demonstrate the proportional cost of the service attributable to the parcel by any method that reasonably allocates the ascertainable cost of providing service to

all parcels, if substantiated as provided. The bill would, however, provide that for water or sewer service fee or charge impositions, a local government is not required to provide an exact measure of the cost of the service at each parcel and may instead impose uniform or tiered fees or charges to parcel or customer classes that are defined based on common characteristics indicative of likely water or sewer use. The bill would provide that the proportional cost of service within each tier of water service may be substantiated by using any reasonable basis for allocating costs attributed to the tier, as described.

Vote: majority. Appropriation: no. Fiscal committee: no. State-mandated local program: no.

The people of the State of California do enact as follows:

- 1 SECTION 1. Section 53751.5 is added to the Government
- 2 Code, to read:
- 3 53751.5. (a) For any fee or charge adopted under Section 6 of
- 4 Article XIII D of the California Constitution, “the proportional
- 5 cost of the service attributable to the parcel” may be demonstrated
- 6 by any method that reasonably allocates the ascertainable cost of
- 7 providing service to all parcels. That allocation shall be
- 8 substantiated by existing or reasonably estimated or projected data
- 9 that reasonably captures the cost of the service to be provided.
- 10 (b) Notwithstanding subdivision (a), when imposing a fee or
- 11 charge for water or sewer service, an agency is not required to
- 12 provide an exact measure of the cost of the service at each parcel
- 13 and an agency may impose uniform or tiered fees or charges to
- 14 parcel or customer classes that are defined based on common
- 15 characteristics indicative of likely water or sewer use, including,
- 16 but not limited to, the nature and size of improvements to a parcel,
- 17 land use, the nature or number of plumbing fixtures, or peak use
- 18 characteristics.
- 19 (c) (1) When imposing a fee or charge for water service, an
- 20 agency may substantiate the proportional cost of the service within
- 21 each tier by using any reasonable basis for allocating costs
- 22 attributed to the tier, including, but not limited to, the following:
- 23 (A) The cost of water from various sources.
- 24 (B) Facilities operation, maintenance, or construction costs.
- 25 (C) Contribution to systemwide peak demand projections.

1 (2) An agency has discretion to determine the service costs
2 allocated to each tier. That allocation is consistent with subdivision
3 (b) of Section 6 of Article XIII D of the California Constitution if
4 the rate assigned to each tier reasonably reflects the cost of
5 providing service for that tier.

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SENATE BILL**No. 1153****Introduced by Senator Caballero**

February 18, 2026

An act to add Section 8607.3 to the Government Code, relating to disaster preparedness.

LEGISLATIVE COUNSEL'S DIGEST

SB 1153, as introduced, Caballero. Disaster preparedness: urban retail water suppliers and public water systems: wildfire.

Existing law, the California Emergency Services Act, requires all public water systems, as defined, with 10,000 or more service connections to review and revise their disaster preparedness plans in conjunction with related agencies, including, but not limited to, local fire departments and the Office of Emergency Services to ensure that the plans are sufficient to address possible disaster scenarios. A person, as defined, who violates the provisions of this act is guilty of a misdemeanor.

This bill, beginning January 1, 2028, would require all urban retail water suppliers, as defined, serving a high or very high fire hazard severity zone to include incident-specified response procedures for wildfires as part of their disaster preparedness plans, including any applicable emergency response plan as required by federal law. The bill would require these plans to include mitigation actions, including actions, procedures, and equipment, that can obviate or significantly lessen the impact of a wildfire on the water system and the supply of drinking water provided by the water supplier. Because violation of these requirements by certain urban retail water suppliers would constitute a misdemeanor, the bill would expand the scope of a crime, thereby imposing a state-mandated local program.

This bill would deem the inability of a public water system to maintain water supply or water pressure during a wildfire not a substantial cause of the damages resulting from a wildfire. The bill would also deem the spread of wildfire not an inherent risk presented by the deliberate design, construction, or maintenance of a public water system.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that no reimbursement is required by this act for a specified reason.

Vote: majority. Appropriation: no. Fiscal committee: yes. State-mandated local program: yes.

The people of the State of California do enact as follows:

- 1 SECTION 1. The Legislature finds and declares all of the
- 2 following:
- 3 (a) Wildfires are increasing in frequency, severity, and
- 4 destructive impact in California.
- 5 (b) Public water systems are increasingly vulnerable to wildfire,
- 6 either directly or indirectly, including physical damage to critical
- 7 infrastructure; disruption of access and operations; interruption of
- 8 power supplies; degradation of water quality; excessive or
- 9 uncontrolled water demands; and impairment of pumping,
- 10 treatment, and distribution capabilities.
- 11 (c) Public water systems impacted by wildfires may experience
- 12 disruptions in water supply or pressure during wildfire events.
- 13 (d) Public water systems are deliberately designed and
- 14 constructed to provide clean and safe drinking water in accordance
- 15 with state and federal safe drinking water laws and regulatory
- 16 requirements.
- 17 (e) Existing law, Section 53750.5 of the Government Code,
- 18 finds that water service is a different and distinct service from fire
- 19 service, and that water service is a property-related service that
- 20 aids in the provision of fire service provided to properties. While
- 21 public water systems are often relied upon to aid firefighting
- 22 activities, including the use of fire hydrants, they are not
- 23 intentionally designed or constructed for wildfire defense or
- 24 suppression. Hydrants are generally designed and installed,
- 25 consistent with applicable fire codes and industry standards to aid

1 in firefighting, but not to provide water service to aid in
2 extinguishing fires that threaten property not served by a water
3 service provider or wildfires.

4 (f) Designing and constructing public water systems to function
5 as wildfire defense or suppression systems would be physically
6 impracticable and financially infeasible, and may compromise the
7 quality of water for human consumption and the affordability of
8 drinking water for ratepayers.

9 (g) To limit the risks presented by wildfires to water systems
10 and water supply, it is imperative that urban retail water suppliers
11 serving high-risk areas prepare for wildfire incidents and seek to
12 mitigate the impacts of wildfires on the water systems.

13 SEC. 2. Section 8607.3 is added to the Government Code, to
14 read:

15 8607.3. (a) Beginning January 1, 2028, all urban retail water
16 suppliers serving a high or very high fire hazard severity zone shall
17 include incident-specific response procedures for wildfires as part
18 of their disaster preparedness plans, including any applicable
19 emergency response plan as required by Section 1433(b) of the
20 federal Safe Drinking Water Act (42 U.S.C. Sec. 300i-2). The
21 plans shall include mitigation actions, including actions,
22 procedures, and equipment, that can obviate or significantly lessen
23 the impact of a wildfire on the water system and the supply of
24 drinking water provided by that water supplier.

25 (b) While public water systems, including wholesale water
26 systems, and the water distributed through them, may be available
27 to aid in firefighting activities, both of the following shall apply:

28 (1) The inability of a public water system to maintain water
29 supply or water pressure during a wildfire shall not be considered
30 a substantial cause of the damages resulting from a wildfire.

31 (2) The spread of wildfire shall not be considered an inherent
32 risk presented by the deliberate design, construction, or
33 maintenance of a public water system.

34 (c) Nothing in this section shall be interpreted to impose a duty
35 on public water systems, including wholesale water systems, to
36 design, construct, or maintain a water system for wildfire defense
37 or suppression. Noncompliance with subdivision (a) shall not be
38 considered a substantial cause of the damages resulting from a
39 wildfire.

40 (d) For purposes of this section, the following definitions apply:

1 (1) “High or very high fire hazard severity zone” means those
2 areas identified by the State Fire Marshal as high or very high fire
3 hazard severity zones pursuant to Section 51178.

4 (2) “Public water system” has the same meaning as defined in
5 subdivision (h) of Section 116275 of the Health and Safety Code.

6 (3) “Urban retail water supplier” has the same meaning as
7 defined in subdivision (af) of Section 10608.12 of the Water Code.

8 (4) “Wholesale water system” has the same meaning as defined
9 in paragraph (6) of subdivision (c) of Section 116455 of the Health
10 and Safety Code.

11 (5) “Wildfire” has the same meaning as defined in subdivision
12 (j) of Section 51177.

13 SEC. 3. No reimbursement is required by this act pursuant to
14 Section 6 of Article XIII B of the California Constitution because
15 the only costs that may be incurred by a local agency or school
16 district will be incurred because this act creates a new crime or
17 infraction, eliminates a crime or infraction, or changes the penalty
18 for a crime or infraction, within the meaning of Section 17556 of
19 the Government Code, or changes the definition of a crime within
20 the meaning of Section 6 of Article XIII B of the California
21 Constitution.

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STAFF REPORT

Meeting Type: Board of Directors

Title: Amendment No. 1 to Professional Services Agreement with Carollo Engineers for Engineering Design of Atmospheric River Capture Project

From: Paul Sellier, Director of Water Resources

Through: Ben Horenstein, General Manager

Meeting Date: March 17, 2026

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve Amendment No. 1 to the Professional Services Agreement No. 6418, with Carollo Engineers to provide engineering design services for a second pump station for the Atmospheric River Capture (ARC) Project for an additional amount not to exceed \$1,458,832, increasing the total contract amount to \$11,158,067; and, Authorize the General Manager to execute the contract amendment

SUMMARY: On April 15, 2025, the Board of Directors approved a Professional Services Agreement with Carollo Engineers in the amount of \$9,699,235 to provide engineering services for the preliminary and final design of the Atmospheric River Capture (ARC) Project. The original design scope assumed a single pump station facility; however, detailed hydraulic analysis completed during the basis of design phase indicates that a second pump station will improve system operations and accommodate potential future expansion of proposed Project. Amendment No. 1 will add design scope services and fees for a second pump station. These additional services in the amount of \$1,458,832 will increase the previously approved contract amount of \$9,699,235 to a new not to exceed amount of \$11,158,067.

DISCUSSION: Following the 2020–2022 drought emergency, the District developed a Water Supply Roadmap to improve long-term water supply reliability during dry periods. The Atmospheric River Capture (ARC) Project was identified as a key project in the Roadmap to capture surplus winter water from the Russian River and convey it to Nicasio Reservoir for storage and use during dry conditions.

On April 15, 2025, the Board authorized a Professional Services Agreement with Carollo Engineers to complete the preliminary and final design of the ARC Project. At that time, the conceptual design assumed a single pump station near the North Marin Aqueduct that would convey water through approximately 13 miles of new pipeline to Nicasio Reservoir. As design has progressed through development of the Basis of Design Report (BODR), a more detailed hydraulic analysis of the pipeline system was performed to better understand system pressures, equipment sizing, and long-term operational requirements. This analysis evaluated two alternatives: constructing a single pump station

or constructing two pump stations operating in series. The hydraulic evaluation found that a single pump station configuration would result in very high operating pressures in portions of the pipeline, which would require specialty piping, valves, and other equipment designed for higher pressure conditions.

To address these issues, the design team evaluated a dual pump station configuration consisting of Pump Station A near the North Marin Aqueduct and Pump Station B near Stafford Lake. Installing a second pump station allows the pumping head to be divided between the two facilities, significantly reducing operating pressures in the pipeline and allowing the use of more standard materials and equipment.

The analysis also considered long-term system expansion. The ARC Project is planned to initially convey approximately 10 to 15 million gallons of water per day, with a potential future expansion to approximately 30 million gallons per day. The dual pump station configuration better supports this future expansion because two pump stations will ultimately be required to operate the system at higher capacity. Constructing both facilities during the initial phase of the project reduces the need for future retrofit of high-pressure components and allows the District to design the system for its long-term operating configuration.

The proposed amendment adds the engineering services necessary to complete the preliminary and final design of Pump Station B, including development of construction drawings and specifications, preparation of cost estimates, and support during the bidding phase. The additional design services are estimated at \$1,458,832 and shown in Table 1. Approval of Amendment No. 1 will allow the design team to proceed with completing the design of Pump Station B and ensure that the ARC Project is designed to operate reliably under anticipated hydraulic conditions and future system expansion.

Table 1
Atmospheric River Capture Project
Engineering Design Scope of Work and Fee Summary

Task Description	Budget
Task 1 – Project Management: This task includes conducting project progress meetings, preparing monthly progress reports, preparing and attending Board presentations, internal technical reviews and quality assurance, coordination with sub-consultants	\$82,588
Task 3—Field Investigations: This task includes conducting a supplemental topographic survey ground survey	\$35,789
Task 12—Develop Pump Station B Construction Documents: This task includes development of 60%-, 90%-, and 100%- pump station design document submittals and probable construction costs, conducting review meetings with District staff at each level of design development	\$1,324,218
Task 13— Pump Station B Bid Phase Services: This task includes supporting the District during pump station bidding period, including responding to bidders’ questions, interpreting construction documents, and attending on-site meetings	\$16,237
TOTAL	\$1,458,832

ENVIRONMENTAL REVIEW: Environmental review for the ARC Project is being conducted pursuant to the California Environmental Quality Act (CEQA). The Initial Study (IS) has been completed and Notice of Preparation (NOP) is set for publication on March 13 with comments accepted until April 13. Additionally, community scoping meetings have been set as follows:

- Wednesday, March 25 | 6:00–7:00 PM at the Novato Recreation Center - 950 7th Street, Novato and
- Thursday, March 26 | 5:30–6:30 PM San Ramon Elementary School, Multipurpose Room - 45 San Ramon Way, Novato.

FISCAL IMPACT: The original Professional Services Agreement with Carollo Engineers was approved in the amount of \$9,699,235. Amendment No. 1 will increase the contract amount by \$1,458,832 to provide engineering design services for the additional pump station, resulting in a revised total contract amount of \$11,158,067. Funding for this work is included within the ARC Project design budget in the adopted Capital Improvement Program and FY26 & FY27 budgets.

ATTACHMENT(S):

1. Scope of Services & Fee - Pump Station B

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Water Resources	 Paul Sellier Water Resources Director	 Ben Horenstein General Manager

**SCOPE OF SERVICES
PRELIMINARY AND FINAL DESIGN SERVICES FOR
PUMP STATION B
MARIN ATMOSPHERIC RIVER CAPTURE PROJECT**

BACKGROUND

Carollo Engineers (Carollo) is assisting the Marin Municipal Water District (District) with the preliminary and final design of the Atmospheric River Capture (ARC) Project. The ARC Project includes new conveyance facilities to pump water from the North Marin Aqueduct (NMA) to the Nicasio Reservoir along the pipeline alignment shown in Figure 1.

During the basis of design phase, Carollo and the District identified the need for a second booster pump station (i.e. Pump Station B) located near Stafford Lake. The final design of Pump Station B was not included in Carollo's scope of work for the ARC Project. The purpose of this scope is to develop the construction documents for Pump Station B.

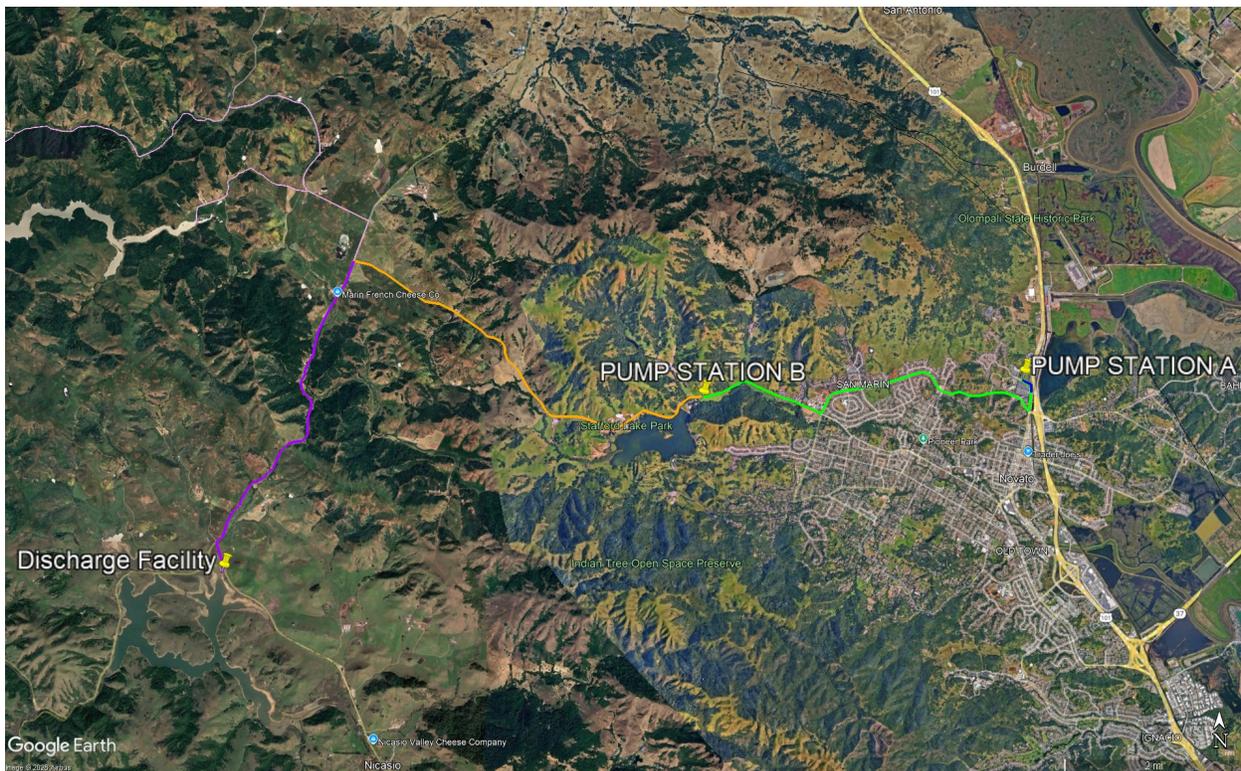


Figure 1 - Project Overview

GENERAL ASSUMPTIONS

This scope of work is based on the following general assumptions:

- Carollo's contract for the ARC Project dated May 29, 2025, included developing the basis of design report for two pump stations (Pump Station A and B) but it did not include developing Pump Station B construction documents (30%, 60%, 90% and Final design).

- This scope of work includes developing construction documents (30%, 60%, 90% and Final design) for Pump Station B.
- Carollo's surveyor (C&P) included the topographic survey of two pump stations (Pump Station A and B) in their original proposal for the ARC Project.
- Carollo's geotechnical engineer (MPE) included the geotechnical investigation for two pump stations (Pump Station A and B) in their original proposal for the ARC Project.
- Carollo's landscape architect (Siegfried) included landscape architecture design for two pump stations (Pump Station A and B) in their original proposal for the ARC Project.
- Carollo's cathodic protection engineer (JDH) included cathodic protection design for two pump stations (Pump Station A and B) in their original proposal for the ARC Project.
- This scope of work includes additional topographic survey of the pipeline from the North Marin Aqueduct to the Pump Station A site. This was not included in C&P's original proposal for the ARC Project. Refer to Attachment A for the detailed scope of work.

SCOPE OF WORK

TASK 1 - PROJECT MANAGEMENT

1.01 - Project Administration

Consultant will administer the project to maintain project schedule and budget for the additional work to complete the preliminary and final design of Pump Station B. The project progress and budget status will be included in monthly progress reports that will be attached to billing invoices submitted to the District. Additionally, the monthly progress report will include a list of work completed for the invoice period and anticipated work efforts for the next invoice period. Carollo will invoice and administer this amendment under the ARC Project budget.

1.02 - Implement Quality Management

Carollo will review all deliverables in accordance with the quality management program prior to being submitted to the District for review.

Task 1 Deliverables:

- Monthly progress reports.

Task 1 Assumptions:

- The design schedule for Pump Station B will be in parallel with the overall ARC Project schedule.
- The status of the Pump Station B preliminary and final design will be reported during Carollo's bi-weekly meetings with the District. The bi-weekly meetings are included in Carollo's original proposal for the ARC Project.

TASK 3 - FIELD INVESTIGATIONS

3.07 – Supplemental Topographic Survey

Carollo's subconsultant, Cinquini & Pastorini (C&P), will conduct supplemental topographic ground survey of the pipeline alignment from Pump Station A site to the North Marin Aqueduct. Refer to Attachment B for the detailed scope of work and extents of the topographic mapping.

Task 3 Deliverables:

- Topographic survey (AutoCAD format).
- Sealed hardcopy of Topographic Survey Map.

Task 3 Assumptions:

- Encroachment permits will be obtained from the County of Marin for work within their respective right-of-way.

TASK 12 - DEVELOP PUMP STATION B CONSTRUCTION DOCUMENTS

12.01 - Develop Preliminary (30%) Drawings and Specification TOC

Development of a 30% Project document submittal will be completed under this task. The 30% design documents will include the following:

- Pump Station B Site Plan (Plan view only)
- Mechanical Building Plan
- Electrical Single Line Diagram
- Technical Specifications Table of Contents (TOC)

One PDF of the plans (half-size), and technical specifications TOC will be provided to the District for review.

12.02 - Develop 60% Pump Station B Submittal Package

Development of a 60% Pump Station B document submittal will be completed under this task. One PDF of the plans (full-size), plans (half-size), and specifications will be provided to the District for review.

12.03 - Develop 60% Pump Station B Opinion of Probable Constriction Cost (OPCC)

Development of the 60% Pump Station B Opinion of Probable Constriction Cost (OPCC) will be completed under this task. The 60% Pump Station B OPCC will be provided to the District for review approximately two (2) weeks after the 60% Pump Station B plans and specification submittal.

12.04 - Conduct 60% Pump Station B Review Meeting

A design review meeting will be conducted to discuss the 60% Pump Station B plans and specification submittal and any questions that the District may have after the review period. It is assumed that the District will require two (2) weeks for the review period.

12.05 - Develop 90% Pump Station B Submittal Package

Development of a 90% Pump Station B document submittal will be completed under this task. Review comments from the 60% design review will be incorporated into the design and response to comments log will be developed and provided to the District. One pdf of the

plans (full-size), plans (half-size), and specifications will be provided to the District for review.

12.06 - Develop 90% Pump Station B Opinion of Probable Constriction Cost (OPCC)

Development of the 90% Pump Station B Opinion of Probable Constriction Cost (OPCC) will be completed under this task. The 90% Pump Station Bs OPCC will be provided to the District for review approximately two (2) weeks after the 90% Pump Station B plans and specification submittal. Review comments from the 60% design review of the Pump Stations OPCC will be incorporated and response to comments log will be developed and provided to the District.

12.07 - Conduct 90% Pump Station Review Meeting

A design review meeting will be conducted to discuss the 90% Pump Station plans and specification submittal and any questions that the District may have after the review period. It is assumed that the District will require two (2) weeks for the review period.

12.08 - Develop 100% (FINAL) Pump Station Submittal Package

Development of a 100% (FINAL) Pump Station document submittal will be completed under this task. Review comments from the 90% design review will be incorporated into the design and response to comments log will be developed and provided to the District. One pdf of the plans (full-size), plans (half-size), and specifications will be provided to the District for review.

12.09 - Develop 100% (FINAL) Pump Station Opinion of Probable Constriction Cost (OPCC)

Development of the 100% (FINAL) Pump Station Opinion of Probable Constriction Cost (OPCC) will be completed under this task. The 100% (FINAL) Pump Station OPCC will be provided to the District for review approximately two (2) weeks after the 100% Pipeline plans and specification submittal. Review comments from the 90% design review of the Pump Station OPCC will be incorporated and response to comments log will be developed and provided to the District.

Task 12 Deliverables:

- 30% Plans (Half size) and Technical Specifications TOC. (PDF)
- 60% Pump Station Submittal package. (PDF - Full size (22x34))
- 60% Pump Station Submittal package. (PDF - Half size (11x17))
- 60% Pump Station Review Meeting agenda and materials.
- 60% Pump Station Review comment response log.
- 90% Pump Station Submittal package. (PDF - Full size (22x34))
- 90% Pump Station Submittal package. (PDF - Half size (11x17))
- 90% Pump Station Review Meeting agenda and materials.
- 90% Pump Station Review comment response log.
- 100% (Final) Pump Station Submittal package. (PDF - Full size (22x34))
- 100% (Final) Pump Station Submittal package. (PDF - Half size (11x17))

Task 12 Assumptions:

- Pump station B to be designed as:
 - Initially 10.4 million gallons per day (mgd)

- Buildout of 30.0 mgd in the future.
- District 60% Pump Station review period to be two (2) weeks.
- District 90% Pump Station review period to be two (2) weeks.
- Review meetings to be in person and held at District offices.

TASK 13 – PUMP STATION B BID PHASE SERVICES

13.01 - Develop Conformed Documents

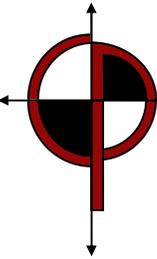
Development of Pump Station B conformed documents will be completed under this task. One PDF of the plans (full-size), plans (half-size), and specifications will be provided to the District for review.

ENGINEERING ESTIMATE

Refer to Attachment A for the engineering estimate.

ASSUMPTIONS RELATED TO THE AGREEMENT

- The District shall not be subject to any liability regarding provided data; however, in accordance with the standard of care delineated in Section 3 of the Agreement, the Consultant (Carollo) shall be entitled to use and reasonably rely upon all such data, information and services provided by the District or others in performing the Consultant's services under the Agreement.
- In providing opinions of cost, financial analyses, economic feasibility projections, and schedules potential projects, the Consultant will conduct research and analysis to provide best estimates, however the Consultant has no control over cost or price of labor and material; unknown or latent conditions of existing equipment or structures that may affect operation and maintenance costs; competitive bidding procedures and market conditions; time or quality of performance of third parties; quality, type, management, or direction of operating personnel; and other economic and operational factors that may materially affect the ultimate project cost or schedule. Therefore, the Consultant makes no warranty that the District's actual project costs, financial aspects, economic feasibility, or schedules will not reasonably vary in accordance with generally accepted professional standards from the Consultant's opinions, analyses, projections, or estimates.
- The Consultant is not responsible for damage or delay in performance caused by events beyond the reasonable control of the Consultant. In the event the Consultant's services are suspended, delayed or interrupted for the convenience and at the direction of the District or delays occur beyond the reasonable control of the Consultant, an equitable adjustment in the Consultant's time of performance and cost of the Consultant's personnel and subcontractors may be made.
- The services to be performed by the Consultant and its subconsultants are intended solely for the benefit of the District. No person or entity not a signatory to the Agreement, other than the District's consultants including subconsultants, on this Project, shall be entitled to rely on the Consultant's performance of its services hereunder, and no right to assert a claim against the Consultant by assignment of indemnity rights or otherwise, except as expressly set forth in Sections 3 and 14 of this Agreement, shall accrue to a third party as a result of the Agreement or the performance of the Consultant's services hereunder.



- ▲ BOUNDARY ▲ TOPOGRAPHIC ▲ CONSTRUCTION
- ▲ RAILROAD ▲ INFRASTRUCTURE ▲ HYDROGRAPHIC

CINQUINI & PASSARINO, INC.

LAND SURVEYING

10931-25

January 15, 2026

Darren Baune, P.E.
Carollo
 2795 Mitchell Drive
 Walnut Creek, CA 94595
 VIA EMAIL DBAUNER@CAROLLO.COM

**Re: Scope of Work to Provide Land Surveying Services – Additional Topographic Survey
 MMWD Atmospheric River Capture Project, Marin County, California**

Dear Darren:

Cinquini & Passarino, Inc. (C&P) is very pleased to present to you this scope of work and fee proposal for the professional land surveying support services for Marin Municipal Water District’s Atmospheric River Capture Project. We prepared the following scope of work to acquire additional ground based topographic surveys and right-of-way mapping in accordance with your request.

SCOPE OF WORK

Additional Topographic & Right-of-way Survey

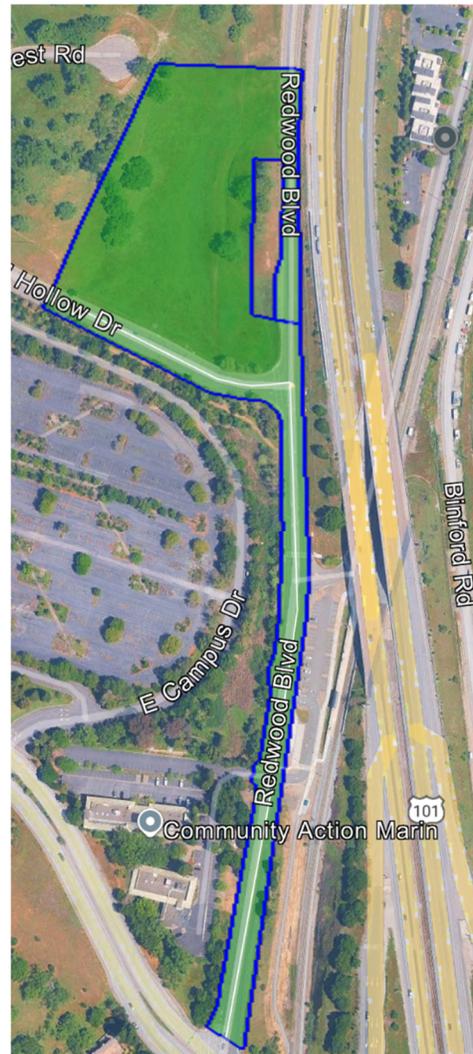
C&P will prepare additional ground based topographic survey base mapping along Redwood Boulevard and Wood Hollow Drive for the design the new pipeline. Redwood Boulevard will be mapped from 5 feet downslope from top of back to 5 feet downslope from top of back where no curb exists.

The survey will be performed to the same specifications as the base contract mapping.

Deliverables: Sealed hardcopy of Topographic Survey Map. The Autocad “dwg” used to create the hardcopy will also be provided for your convenience. The mapping will be included in the delivered base mapping for the site.

PROJECT SCHEDULE

The estimated timeline for the additional topographic survey will be 15 working days from authorization to proceed with said task.



Darren Baune, P.E.

Carollo

January 15, 2026

Page 2 of 2

Section 7. Item #b.

PROJECT FEE

The estimated fee for the scope of work is:

Additional Topographic & Right-of-way Survey \$28,054.00.

Thank you for choosing Cinquini & Passarino, Inc. to be a part of your team. Please feel free to contact me at (707) 542-6268 if you have any questions or require additional information.

Very truly yours,

CINQUINI & PASSARINO, INC.

Anthony G. Cinquini, P.E., P.L.S.

Principal



STAFF REPORT

Meeting Type: Board of Directors

Title: Amendment No. 1 to Professional Services Agreement with Panorama Environmental for Environmental Support Services of the Atmospheric River Capture Project

From: Paul Sellier, Water Resources Director

Through: Ben Horenstein, General Manager

Meeting Date: March 17, 2026

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve Amendment No. 1 to Professional Services Agreement No. 6433, with Panorama Environmental, Inc. for additional archaeological investigations for an amount not to exceed \$179,829, increasing the total contract amount to \$1,429,638; and Authorize the General Manager to execute the Contract amendment

SUMMARY: On June 3, 2025, the Board of Directors approved a Professional Services Agreement with Panorama Environmental, Inc. in the amount of \$1,249,809 to provide environmental review and permitting in support of the Atmospheric River Capture (ARC) Project. Amendment No. 1 provides services for additional archaeological investigation required by the Project.

DISCUSSION: In support of the Atmospheric River Capture (ARC) Project, Panorama Environmental was engaged by the District to provide environmental review and permitting in the summer of 2025. The original scope of work included preparation of environmental documentation, biological and cultural resource surveys, and agency consultation to support compliance with CEQA and other regulatory requirements. As environmental review has progressed, initial archaeological investigations have identified several areas adjacent to the Project alignment that have a high potential for subsurface Native American cultural deposits.

To comply with Section 106 of the National Historic Preservation Act and the California Environmental Quality Act (CEQA), expanded archaeological investigation may be required to determine whether cultural resources are present within the Project footprint including along the proposed pipeline alignment and pump station site. The services included in the amendment include preparation of a cultural resources testing and monitoring plan, field testing at Project locations near identified culturally sensitive areas, and consultation of the investigation and its results with the Federated Indians of Graton Rancheria (FIGR). Staff are seeking authorization in advance for the amendment to ensure the environmental process can continue without delay.

ENVIRONMENTAL REVIEW: Environmental review for the ARC Project is being conducted pursuant to the California Environmental Quality Act (CEQA). The Initial Study (IS) has been completed and Notice of Preparation (NOP) is set for publication on March 13 with comments accepted until April 13. Additionally, community scoping meetings have been set as follows:

- Wednesday, March 25 | 6:00–7:00 PM at the Novato Recreation Center - 950 7th Street, Novato and
- Thursday, March 26 | 5:30–6:30 PM San Ramon Elementary School, Multipurpose Room - 45 San Ramon Way, Novato.

FISCAL IMPACT: The original Professional Services Agreement with Panorama Environmental was approved in the amount of \$1,249,809. Amendment No. 1 will increase the contract amount by \$179,829, resulting in a revised total contract amount of \$1,429,638. Funding for this work is included within the ARC Project design budget in the adopted Capital Improvement Program and FY26 & FY27 budgets.

ATTACHMENT(S):

1. Proposed additional Panorama Scope of Work and Schedule
2. Fee Estimate

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Water Resources	 Paul Sellier Water Resources Director	 Ben Horenstein General Manager



Atmospheric River Capture Project Environmental Services – Amendment #1

Need for Amendment

Several locations within the project area are considered highly sensitivity for subsurface Native American deposits and include nearby precontact sites and artifacts. To comply with Section 106 of the National Historic Preservation Act (Section 106) and California Environmental Quality Act (CEQA), additional identification efforts are necessary to determine if archaeological deposits are located within the proposed Stafford Lake Pump Station footprint and locations along the new pipeline alignment that may be subject to impacts as a result of project-related ground disturbances. Additional effort is required to comply with state and federal cultural resources regulations including: developing a testing plan, conducting extended Phase I field testing and documenting the results; and Section 106 consultation support with agencies. In addition an alternative pipeline alignment was added to the project in late February and requires investigation after the investigation and reporting for the remaining project areas were completed. An archaeological testing plan will need to be developed in consultation with Native Americans and the testing plan will need to be implemented to comply with the requirements of CEQA and Section 106 and determine impacts on archaeological resources.

Scope of Work

The scope of work for the archaeological testing as follows is added to Task 2A.2.2 in the contracted scope of work.

Project Alternative

Far Western will address one project alternative segment for the proposed pipeline alignment. A pedestrian survey is not warranted as the area is an existing roadway and is completely paved. The location will be added to the current inventory report maps and examined based on previous research to determine if there are any known resources or areas of high sensitivity. The area will be identified on all report maps as “project alternative.”

Testing Plan

Far Western will prepare a Testing Plan that will outline the methods and protocols for the testing program. Subsurface testing methods will employ a combined approach using

mechanical excavations (backhoe/coring rig) and hand augering. This plan will identify areas of high sensitivity (both known and anticipated) based on the results of the archaeological survey and background research. For the purpose of this scope of work, the testing program is assumed to include approximately 25 trenches, 16 cores, and over 200 auger holes, however, final numbers will be determined in the testing plan. The primary goal is to identify archaeological deposits and to consult regarding avoidance and/or appropriate design measures prior to construction to avoid costly stop work orders and construction delays.

This plan will be developed in coordination with MMWD and the Federated Indians of Graton Rancheria (Graton Rancheria).

Prefield

Prefield preparation will include prepping handheld GPS units with necessary field data; compiling and printing project area maps; conducting a prefield visit to mark the testing locations for utility locating (e.g., Underground Surface Alert Ticket) and coordination with a private utility locator to further define underground obstructions and utilities prior to testing.

Extended Phase I Testing at Stafford Lake Pump Station (Backhoe Trenching)

To ascertain the presence/absence of buried archaeological resources within the Stafford Lake Pump Station, Far Western will use a backhoe for mechanical trenching. Trenching is the most efficient and effective method for identifying buried sites in most settings, in addition to quickly ascertain surface site structure and integrity. Mechanical trenches will be excavated by a backhoe with a three-foot bladed bucket, excavating up to five feet (max depth without shoring) and up to 12 feet (max depth with shoring). Testing will not begin until the vertical and horizontal footprint of the Pump Station has been determined and the Testing Plan has been approved by Graton Rancheria and MMWD. Testing at Stafford Lake is expected to take up to three days with a crew of three archaeologists. Costs for tribal monitoring by Graton Rancheria are included (one monitor for three days).

Extended Phase I Testing along Proposed Pipeline Alignment (Hand Auger and Hydraulic Coring)

To ascertain the presence/absence of buried archaeological resources within sensitive areas along the proposed pipeline alignment, Far Western will perform targeted hand auger testing within areas determined to have high sensitivity and/or near known precontact archaeological sites. Since the new pipeline will be installed within an existing paved road that is subject to high traffic and usage, an extensive testing program within the roadway footprint is not feasible. As such, testing will be conducted immediately adjacent to the proposed alignment along the road edges or center median where accessibility is safe and logistically feasible. Far Western has reviewed the project alignment to effectively strategize time and costs to eliminate testing where there is a steep drop off or narrow work corridor and thus reasonably precluding testing efforts.

Using the methodology detailed in the Testing Plan, and assuming underground utilities and other factors will limit accessibility, Far Western will conduct testing over the course of five days using three crews of two archaeologists. Approximately 7,820 meters (25,600 feet) of the

alignment have been determined to have high to very high sensitivity. Teams will excavate hand augers spaced approximately 25-50 meters to the maximum depth of the proposed project footprint (approximately eight feet) or to bedrock if encountered before maximum depth. Far Western will execute testing as best as possible given field conditions and legal access to work areas.

In addition, two days of geoarchaeological coring will be performed where precontact archaeological site P-21-000551 has been documented on the south side of San Marin Drive and estimated to continue beneath the road. The coring effort will be carried out during the day and will include traffic control and permitting fees and coordination as necessary. A hydraulic coring device will be used to recover continuous core samples of subsurface deposits within the paved roadway. The exact number and location of each core will be determined in the field based on existing conditions, physical and safety constraints, and ongoing results of coring. The continuous core samples will be recovered and stored in clear plastic liners that are five feet long and three inches in diameter. Cores will be drilled to a depth of up to eight feet to determine the presence or absence of archaeological resources. All core samples will be transported to the Far Western office in Sausalito to be opened, photographed, documented, and examined for archaeological materials. The presence or absence of archaeological materials will be determined by examining the deposits as the core is opened. Additionally, surficial and deeply buried soils (A horizons) will be wet-screened through 1/8-inch mesh to determine if archaeological materials are present or absent. Although relatively small, the core samples can reliably determine the presence or absence of potential archaeological materials and allow for determination of the nature and extent of subsurface deposits. County of Marin Department of Public Health guidelines require that the lower portion of the core holes be backfilled with a cement slurry to prevent groundwater contamination, and a county inspector will be present for core backfilling. Costs for tribal monitoring by Graton Rancheria are included (one monitor for seven days).

Testing Report

Far Western will prepare a technical document to comply with CEQA and Section 106. The report will describe the methods and findings of the fieldwork investigations. A draft, revised draft, and final report will be prepared based on consolidated comments from Panorama Environmental, Inc., and MMWD. The draft report will be shared with Graton Rancheria for review and input. DPR 523 site records will be completed for up to three newly identified sites and/or updates to existing sites.

Section 106 Consultation Support with Agencies and Finding of No Adverse Effect

Far Western will support MMWD with State Historic Preservation Officer consultation and next step recommendations should potentially significant resources be identified during testing. This task also includes the preparation of a Finding of No Adverse Effect should such a document be required. However, should a Finding of Adverse Effect be determined or the need for a Memorandum of Agreement, Far Western can prepare these documents under a separate phase of work based on consultation with MMWD and Graton Rancheria and the results of testing.

Coordination with Graton Rancheria

Far Western will provide coordination and communication support with Graton Rancheria during the testing program, including up to four project meetings (no more than two hours each) with MMWD and the Tribe to discuss the testing approach and results, as needed.

Management

Panorama would coordinate with Marin Water to ensure site access. Panorama will coordinate with Far Western to discuss findings from the additional cultural resource investigations and communicate those findings to Marin Water. This task assumes up to three meetings with Marin Water to discuss the results.

Cultural Resource Section Update

Panorama will update the Cultural Resource section of the EIR to incorporate the results of the alternative alignment record search and the testing report. The methodology will also describe the testing program implemented.

Budget

The budget for services included Amendment #1 is **\$179,829**. The total budget with Amendment #1 is provided below. The detailed budget for this work is attached.

	Budget
Prior Authorization	\$1,249,809
Amendment #1	\$179,829
Contract Total with Amendment #1	\$1,429,638

Schedule

The schedule for completion of fieldwork is dependent upon site access and Graton Rancheria approval of the testing plan. The results report will be completed within 45 days of the completion of testing.

Atmospheric River Capture Environmental - Amendment	panorama Environmental	Far Western	Total Hours	Panorama	Subconsultant L	ODCs	5% Markup	Total Cost
Name				Labor	Labor			
Title								
Rate	Labor Subtotal	Labor Subtotal						
Task 2A.2.2 Cultural Resource Investigations								
Alternative	\$0.00	\$2,779.36	19	\$0.00	\$2,779.36		\$138.97	\$2,918.33
Testing Plan	\$0.00	\$11,604.54	75	\$0.00	\$11,604.54		\$580.23	\$12,184.77
Prefield	\$0.00	\$4,799.06	26	\$0.00	\$4,799.06	\$3,440.00	\$411.95	\$8,651.01
Stafford Lake Ex Phase I	\$0.00	\$12,385.36	100	\$0.00	\$12,385.36	\$7,658.00	\$1,002.17	\$21,045.53
Pipeline Ex Phase I	\$0.00	\$42,578.40	332	\$0.00	\$42,578.40	\$21,938.00	\$3,225.82	\$67,742.22
Reporting	\$0.00	\$29,617.96	212	\$0.00	\$29,617.96		\$1,480.90	\$31,098.86
Agency Support	\$0.00	\$11,350.64	64	\$0.00	\$11,350.64		\$567.53	\$11,918.17
Coordination Graton Rancheria	\$0.00	\$4,330.18	25	\$0.00	\$4,330.18		\$216.51	\$4,546.69
Management	\$5,720.00	\$9,213.20	80	\$5,720.00	\$9,213.20		\$460.66	\$15,393.86
CEQA Section Update	\$4,330.00	\$0.00	24	\$4,330.00	\$0.00		\$0.00	
Total Hours	48							
Total Cost	\$10,050.00	\$118,658.70	957	\$10,050.00	\$128,658.70	\$33,036.00	\$8,084.74	\$179,829.44



STAFF REPORT

Meeting Type: Board of Directors

Title: Amendment No. 1 to Professional Services Agreement with Environmental Science Associates (ESA) for the Nicasio Hydrology Study

From: Paul Sellier, Director of Water Resources

Through: Ben Horenstein, General Manager

Meeting Date: March 17, 2026

TYPE OF ITEM: X Action Information

RECOMMENDATION: Approve Amendment No. 1 to the Professional Services Agreement No. 6494, with ESA to develop a long-term maintenance plan and to provide regulatory and permitting services in support of managing conditions in Nicasio and Halleck creeks for an additional amount not to exceed \$354,659, which includes a ten percent contingency, increasing the total contract amount to \$742,344; and, Authorize the General Manager to execute the contract amendment

SUMMARY: On November 18, 2025, the Board of Directors approved a Professional Services Agreement with ESA in the amount of \$387,685 to review the potential for immediate action and to develop an integrated creek and watershed model. The model will allow the District to assess the causes of localized flooding and develop potential management actions. Amendment No. 1 will add design scope services and fees to further refine the model to support determination of maintenance triggers and thresholds, develop the long-term maintenance plan and regulatory permitting support for maintenance work in 2026. These additional services in the amount of \$354,659 (including 10 percent contingency) will increase the previously approved contract amount of \$387,685 to a new not to exceed amount of \$742,344.

DISCUSSION: In response to concerns raised by property owners upstream of Nicasio Reservoir, the District authorized ESA to develop a hydrologic model to understand existing conditions, causes and contributors to upstream flooding. ESA has been collecting survey data to develop the creek profile, has placed gages to monitor the depth of water in the creek and will install a flow gage on Nicasio Creek where Nicasio Creek Rd crosses Nicasio Creek by the end of March. The flow gage was intended to be installed earlier in the year but there was a delay from the manufacturer. The survey data will likely have gaps in some areas of the creek where the District was not granted access by residents. While gaps in the data are not ideal, the creek is relatively flat in these areas and likely topography can be estimated without significant impacts to model accuracy.

As requested by staff anticipating the next steps for maintaining the creek, ESA has submitted a scope of work that includes developing a long-term maintenance plan that will be informed by the hydrologic study and a more immediate plan to implement maintenance work in summer/fall of 2026. Obtaining permits for work in the creek in 2026 will be challenging as the permit approval process can be lengthy. However, if the short-term work is targeted and relatively small in scale, then staff expect that there is a better chance to obtain the permits for work by the end of September 2026, which would allow staff to undertake the work that will be undertaken in October 2026, or as soon as permits are in hand.

The proposed amendment adds the services necessary to develop the long-term Maintenance Plan and to support the permitting process for short-term work staff is anticipating in 2026.

ENVIRONMENTAL REVIEW: Given the timing, the short-term work will be developed to comply with CEQA exemptions, and the Long-Term Maintenance plan will likely require a separate CEQA analysis to be undertaken once the plan is developed and approved.

FISCAL IMPACT: The original Professional Services Agreement with ESA was approved in the amount of \$387,685. Amendment No. 1 will increase the contract amount by \$354,659 to provide services to develop the long-term maintenance plan and to support the permitting process for short-term work to be accomplished in 2026, resulting in a revised total contract amount of \$742,344. Funding for this work is available in the approved budget.

ATTACHMENT(S):

- 1. Proposed Amendment No. 1 – Scope of Services & Fee

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Water Resources	 Paul Sellier Water Resources Director	 Ben Horenstein General Manager

Attachment A

Scope of Work

Note this scope of work extends the prior scope of work (Misc. Agreement No. 6494) with task numbers starting at Task 3.4

Task 3. Additional Hydraulic Modeling

Task 3.4 builds on work already in progress as part of Task 3, under which ESA is developing a HEC-RAS 2D hydraulic model (flood model) of existing conditions and a number of bookend scenarios for vegetation thinning and sediment removal to identify the type and magnitude of channel management action that will be needed to reduce flood risk attributable to Nicasio reservoir along Nicasio Creek.

Task 3.4 Identify Sediment and Vegetation Removal Footprint and Follow-Up Maintenance Thresholds

ESA will modify the model from Task 3.3 to refine three flood risk reduction maintenance activities to inform a proposed long-term management plan (Task 5). These will likely be varying lengths and/or depths of sediment and vegetation removal. The activities are anticipated to include an initial large removal of sediment/vegetation clearance to reduce flood risk attributable to Nicasio reservoir and subsequent smaller follow-up sediment removals/vegetation thinning events to maintain the appropriate level of flood protection.

ESA will analyze the modeling results of the various maintenance actions to determine the appropriate condition for flood conveyance and appropriate follow-up maintenance thresholds to achieve that condition. The maintenance thresholds will be incorporated into a proposed long-term management plan. Analysis will be documented in the Flood Analysis Tech Memo.

Assumptions

- ESA will use LiDAR and ESA ground surveys from Task 1 for onsite elevations.
- Each model run will be modeled using consistent boundary conditions and event scenarios (e.g., Q10, Q50, Q100). Alternatives will be conceptual and not fully engineered designs at this stage.
- Model outputs will include flood extents, depths, and velocities for comparison.
- Model extent will include key tributaries and flood-prone areas identified in the hydrology task.
- Manning’s n values will be estimated from land cover and refined with field observations if available.
- ESA will simulate existing topographic conditions in the Halleck Creek quarry.

Deliverables

- Preliminary Admin Draft and Final Technical Memorandum on Flood Analysis

Task 4. Coordination and Meetings

Subtask 4.1 Coordination & Project Management

This task involves meetings to coordinate with Marin Water via meetings, emails, and phone calls, and to collaboratively identify potential flood management scenarios to model, as well as monthly invoicing and progress reporting.

Assumptions

- Two ESA staff will participate in virtual meetings twice per month for 6 months, for a total of 12 meetings.

Deliverables

- Progress Reports

Subtask 4.2 Community Outreach Support

ESA will support Marin Water with meetings with the local community by presenting information about the scope of work. For these meetings ESA assumes we will prepare brief PowerPoint presentations that will be reviewed with Marin Water staff beforehand, and that one ESA staff will present in person.

Assumptions

- One ESA staff will participate in six (6) in-person meetings for 6 months requiring a total of 8 hours for preparation and presentation.

Deliverables

- Draft and Final PowerPoint presentations

Task 5. Long-Term Management Plan

ESA will support Marin Water with developing a proposed long-term management plan for Nicasio Creek from Lucas Valley Road to Nicasio Reservoir and a reach from where Nicasio Valley Road crosses Halleck Creek to the confluence of Nicasio Creek (Management Reach) based on the results of the Upper Nicasio Flood Study.

Subtask 5.1 Background Review

ESA will perform a background review of the Nicasio Creek Management Reach that will provide information needed as the foundation for the development of a proposed management plan including location, access, land ownership, topography, geology, geomorphology, hydrology, biological resources, along with other background information relevant to the Plan. The background review will address the logistics and impacts of various actions that would be included in the Plan and biological resource constraints. We'll leverage and utilize available information including what has previously been developed for Marin Water, such as the Upper Nicasio Flood Study and Nicasio Reservoir Habitat Assessment. This task will include development of tables and mapped resources to be documented in Task 5.3 below. It'll also include one (1) reconnaissance site visit to confirm site characteristics and conditions by fluvial geomorphologists, engineers, and biologists to further expand upon and accurately capture the existing conditions.

Subtask 5.2 Hydraulic Analysis Synthesis

ESA will synthesize the results of the hydraulic analysis for use as the basis for determining the appropriate condition to which the Management Reach will be maintained. ESA will evaluate the model results for the various maintenance activities to develop an understanding of target conditions in the Management Reach and create potential maintenance thresholds and graphical tools to guide management.

Subtask 5.3 Creek Management Plan

ESA will utilize information from the Background Review (Subtasks 5.1) and Hydraulic Analysis Synthesis (Subtask 5.2) to develop a proposed Creek Management Plan that will describe maintenance activities in the Management Reach. The plan will summarize existing conditions, including topography, geology, geomorphology, hydrology, biological resources (e.g., identification of vegetation communities

and habitats and potential presence of sensitive species' habitat). The plan will describe and show via planning-level maps the proposed extent and depth of sediment removal as well as proposed areas of vegetation thinning/removal. It will provide planning-level estimates of sediment volumes and removal costs, as well as an estimate of the frequency with which future sediment removal might be required, and the triggers to initiate removal (e.g., repeated survey cross sections showing a set depth of sediment having been deposited).

The plan will also include tables and mapped resources, maintenance targets, thresholds, monitoring, and logistics.

Subtask 5.4 Permitting Strategy

ESA will support Marin Water regulatory agency engagement through development of a permitting strategy for the proposed Upper Nicasio Creek Long-Term Management Plan once approved and adopted.

Regulatory Requirements

ESA will review the proposed Upper Nicasio Creek Long-Term Management Plan and identify the federal, state, and local permits that will be required to implement the identified maintenance activities. This includes evaluating requirements from agencies such as the U.S. Army Corps of Engineers (USACE), San Francisco Bay Regional Water Quality Control Board (Regional Board), and California Department of Fish and Wildlife (CDFW). ESA will summarize the likely permitting pathways and highlight key considerations for project planning in a brief draft Permitting Approach Memo as described in more detail below.

Early Coordination with Agencies and Panorama Environmental

Under Marin Water direction, ESA will initiate early outreach to regulatory agencies. This includes preparing concise project materials, scheduling and attending coordination meetings, including one 1-hour virtual meeting for the purposes of inter-agency coordination and one 30-minute milestone virtual meeting with Marin Water, to discuss regulatory permitting expectations for the proposed maintenance activities.

Development of a Permitting Approach

Based on agency input and project needs, ESA will revise the draft and prepare a final recommended Permitting Approach Memorandum that outlines required permits, anticipated timelines, sequencing, and key submittal requirements. ESA will provide up to 8 additional hours to support Marin Water throughout the planning process by providing technical guidance, coordinating with project partners, and documenting agency feedback.

Deliverables

- Draft and Final Upper Nicasio Creek Long-Term Management Plan
- Draft and Final Permitting Approach Memo
- Meeting Notes from agency and Panorama Environmental coordination meetings

Assumptions:

- Marin Water will conduct a land survey of property boundaries and provide to ESA prior to activities performed under Subtask 5.1

- This scope is limited to developing a permitting strategy and providing early coordination support; preparation of full permit applications is not included and would require additional scope and budget.

Task 6. 2026 Creek Management Actions CEQA Compliance Support and Regulatory Support

Subtask 6.1 Prepare CEQA Exemption Memorandum

ESA believes that the proposed activities will qualify for one or more exemptions from the California Environmental Quality Act (CEQA), specifically Categorical Exemptions under Class 1 (Existing Facilities), Class 4 (Minor Alterations to Land), or Class 33 (Small Habitat Restoration Projects). To that end, ESA senior CEQA staff will attend two 30-minute virtual meetings with Marin Water staff to discuss CEQA options, procedures and public notification requirements. Based on the conclusion of that meeting, ESA will prepare a draft CEQA exemption memorandum with a comprehensive project description, as described under Subtask 6.2 below, that explains how Marin Water’s best management practices and other environmental commitments would reduce or avoid environmental impacts, and how the project is beneficial for people, safety and the environment.

At this time, ESA will draft the notice of exemption (NOE) form for Marin Water to review and sign. ESA will file the signed NOE with the State Clearinghouse, and Marin Water will file the NOE with Marin County. Filing the NOE starts the 35-day statute of limitations on any legal challenges.

Subtask 6.2 Project Description, Site Visit and Pre-Application Regulatory Engagement

Concurrent with Subtask 6.1 above, and based on information provided by and discussions with Marin Water, ESA will prepare a project description that includes a summary of proposed maintenance activities prioritized for 2026 in Nicasio Creek, purpose and need for the activity, methods and list of equipment, the location of staging/material storage and access areas, work area estimates (acres and volume of materials to be removed from the Nicasio Creek), vegetation removal, sediment removal (if any), as well as figures showing boundaries for the limit of maintenance and associated staging areas for the project site. The project description will also include Marin Water’s best management practices (e.g., practices to preclude take of any listed species, measures to avoid or minimize impacts on water quality) that will be implemented during implementation of the project. Figures illustrating the extent of proposed maintenance activities and photos documented during the site visit (discussed in the following paragraph) will be attached to the project description consistent with the permitting requests.

One (1) day reconnaissance level site visit would be conducted by biologists to document the existing site conditions, including vegetation communities and habitat potentially supporting sensitive plant and wildlife species. As part of this effort, ESA will also characterize and map aquatic features within the project area, adding to relevant aquatic features data previously collected by ESA. The top of bank (TOB) and ordinary high-water mark (OHWM) will be documented. Any wetlands within the project area will be delineated in accordance with the USACE 1987 Wetlands Delineation Manual and Arid West Supplement. Potentially jurisdictional aquatic features encountered within the survey area will be documented through photographs, their size estimated in the field, and their locations mapped using a global positioning system (GPS).

ESA will work with Marin Water to initiate early coordination with regulatory agencies to present the proposed maintenance activities, obtain preliminary feedback on design and potential compensatory mitigation requirements, and seek their “approval in concept”. ESA will prepare a concise slide deck (anticipated to be fewer than 10 slides) summarizing the proposed maintenance, purpose, the environmental setting, potential compensatory mitigation options, and the proposed regulatory permitting approach to be shared during a one-hour virtual inter-agency meeting. Agency input received during this meeting will help confirm and refine the permitting strategy. Following this meeting.

Subtask 6.3 Technical Reports

Biological Resource Technical Memorandum

Permit applications will require an evaluation of potential effects on special-status species, including federally and state listed, or proposed listed, species, including California freshwater shrimp, California red-legged frog, and western pond turtle. ESA will utilize existing information available from the Nicasio Spillway Modification Project to complete brief memorandum detailing the special status species with potential to occur in the Project area and summary of existing physical and biological conditions including description of the vegetation types.

Aquatic Resources Technical Memorandum

Results of the delineation of aquatic resources documented during site visit performed under Subtask 6.2, in addition to results of aquatic delineation data previously collected by ESA for Marin Water for the Nicasio Spillway Modification Project, would be included in an Aquatic Resources Technical Memorandum. This memo would characterize aquatic resources within the proposed 2026 maintenance area and include mapped aquatic resources figure and summary tables. This scope assumes the aquatic resource delineation will not require USACE verification.

Cultural Resources Report

In support of compliance with Section 106 of the National Historic Preservation Act (Section 106), as part of the USACE CWA Section 404 permit application, ESA will prepare a Section 106-compliant cultural resources technical memorandum. The cultural resources technical memorandum will include the following: methods and findings of the background research; results of the California Historical Resources Information System records search; maps; field survey results; finding of effect; and recommendations. The cultural resources technical report will be prepared according to the documentation requirements of the California Office of Historic Preservation, CEQA, and Section 106.

Subtask 6.4 CDFW Lake and Streambed Alteration Agreement

A CDFW Lake and Streambed Alteration notification (LSA) pursuant to Section 1602 of the California Fish and Game Code (CFGF) is required for projects that result in temporary or permanent alterations to rivers, streams, and lakes in the state and associated riparian or wetland habitats. ESA will prepare a Section 1602 Lake or Streambed Alteration notification package for a standard (5-year) agreement for submittal to CDFW, including all necessary supporting documents and exhibits (the Biological Resource Technical Memorandum and the Aquatic Resource Delineation Memorandum). The notification will

quantify and describe maintenance techniques, estimated impacts on CDFW-regulated areas and associated fish and wildlife resources. The notification will also likely need to provide details regarding proposed compensatory mitigation approach and any associated required monitoring and reporting, as scoped under Subtask 6.7 below. The notification package will consist of information formatted to facilitate ESA’s upload to CDFW’s online application portal (EPIMS).

Subtask 6.5 Regional Board Clean Water Act Section 401 Water Quality Certification

ESA will prepare Regional Board 401 Water Quality Certification application materials, to include the following: a pre-filing meeting request, a cover letter, the appropriate application form, a supplemental information document with additional project information in response to the application form, including impacts on waters of the state, a compensatory mitigation plan, and supporting maps/graphics.

Subtask 6.6 USACE Nationwide Permit

Assuming a CWA Section 404 regulated activity is proposed, it is anticipated the project would be eligible for a Nationwide Permit (NWP) 3 (Maintenance). ESA will verify the Nationwide Permit 3 during an interagency pre-application meeting scoped under Subtask 6.2 above. ESA will prepare NWP Pre-Construction Notification (PCN) application materials for submittal via the USACE new only system, the Regulatory Request System (RRS). The PCN materials will include project information, purpose and need for the activity, the potential impacts on waters of the U.S, and a summary of potential impacts on species protected under the Federal Endangered Species Act, and the NHPA Section 106 support information. The RRS submittal will also include supporting maps and/or graphics.

Subtask 6.7 Compensatory Mitigation and Monitoring Plan

ESA anticipates compensatory mitigation would be required to offset temporary and permanent impacts on aquatic resources, although this will ultimately depend on the proposed maintenance activities and regulatory triggers. Accordingly, ESA will coordinate with Marin Water, the Regional Board, CDFW, and USACE to develop a Compensatory Mitigation and Monitoring Plan (CMMP) associated with the project for resource agency authorization. The CMMP will include a brief description of the purpose and need, location, and performance criteria to offset permanent impacts, including photographs, tables, and maps. ESA assumes the mitigation methods (e.g., invasive vegetation treatment or revegetation site) and mitigation ratio from similar Marin Water projects will inform agency mitigation requirements. This scope assumes up to three 30-minute virtual coordination meetings with regulatory agencies, in addition to up to three 30-minute virtual strategy meetings with Marin Water. ESA has included a one-day site visit to review and document potential locations where the CMMP could be implemented. The site visit would be attended by an ESA biologist, along with at least one representative of Marin Water.

Subtask 6.8 Post-Notification Coordination

Given the uncertain nature of the agency comments, ESA has included up to 52 hours as an estimate of the level of effort that is potentially required to address agency requests for additional information. This may include additional site visits by ESA engineers, geomorphologists to identify specific locations for vegetation or sediment removal. This is intended to allow the permitting application process to begin promptly rather than waiting to compile all information before initiating submittals, thereby helping to

expedite the overall schedule. ESA will coordinate with Marin Water and the regulatory agencies to address their requests for information. ESA will participate in up to one virtual post-application meeting.

Assumptions

- Project will be eligible for one or more CEQA categorical exemptions.
- The District will file the NOE with Marin County and pay the associated filing fee (\$50).
- The site visit performed under Subtask 6.2 will inform the project description, technical reports (Subtask 6.3), and permit applications (Subtask 6.4 to Subtask 6.6) and include:
 - One site visit day for two biologists to assess presence and limits of sensitive habitats and jurisdictional features regulated by resource agencies.
 - No protocol-level biological resources surveys will be necessary.
 - No site visit will be necessary to prepare the cultural resources technical report.
- One 1-hour inter-agency meeting and up to four 30-minute targeted Marin Water meetings.
- Pre-application engagement with the regulatory agencies, including post-meeting follow-up.
- Pre-application meeting agendas, presentations, and meeting notes.
- No more than 7,000 CY of sediment removal is proposed.
- Proposed vegetation trimming would be performed by hand, selective, primarily occurring on those branches with a diameter of 4 inches or less. All vegetative maintenance activities will be conducted using hand tools and would avoid the use of heavy machinery which would reduce potential impacts to aquatic resources.
- No placement of fill is proposed.
- All vegetation will either be allowed to mobilize downstream (anticipated to enter the reservoir) or would be hauled offsite.
- ESA will adopt existing information, and description of proposed maintenance activities from previously secured permits for Marin Water maintenance activities in Upper Nicasio Creek.
- ESA will utilize relevant aquatic resources data previously collected for the Nicasio Spillway Modification Project to inform the Aquatic Resources Technical Memorandum and the Biological Resource Technical Memorandum.
- USACE will determine the project has “No Potential to Affect” historic properties and will handle all coordination with the California State Historic Preservation Officer, as needed.
- USACE will complete all tribal outreach and consultation as appropriate.
- ESA assumes Marin Water will pay notification fees.
- The Marin Water will pay application and project fees.
- Project would not require an alternatives analysis.
- If the USACE determines an USACE Individual Permit is required, additional services and budget may be required.
- ESA assumes standard sediment removal methods under existing conditions intended to improve creek hydraulic capacity and reduce flooding.
- The USACE will not require consultation with USFWS under the Federal Endangered Species Act.
- A 404(b)(1) alternative analysis will not be required.
- Marin Water will provide multiple options for potential mitigation site locations and objectives.
- Marin Water will implement the CMMP.
- Compensatory mitigation for project impacts will be required by resource agencies.
- Additional post-permit application submittal responses may require additional scope and budget.

- Additional information required to complete the application packages not available to ESA will be provided by Marin Water.
- No significant changes to the project once the permit applications begin.

Deliverables

- Draft and Final CatEx memorandum
- Draft and Final NOE
- Administrative record files (pdf)
- Draft and Final Project Description (electronic copies – MS Word and PDF including graphics and appendices)
- Draft and Final Biological Resources Technical Memorandum (electronic copies – MS Word and PDF including graphics and appendices)
- Draft and Final Aquatic Resources Technical Memorandum (electronic copies – PDF including graphics and appendices)
- Draft and Final Cultural Resources Technical Memorandum (electronic copies – PDF including graphics and appendices)
- Electronic version of draft (Word) permit application packages for a CDFW LSA notification
- The final permit application package for CDFW to be entered into the EPIMS
- Electronic version of draft (PDF and Word) and final (PDF) permit application packages for a Regional Board 401 Certification.
- Electronic version of draft (PDF and Word) and final (PDF) PCN application packages for a USACE NWP to be uploaded via RRRS.
- Electronic version of draft (PDF and Word) and final (PDF) Compensatory Mitigation and Monitoring Plan
- Post-application regulatory support, including responding to regulatory agency comments via letter, email, or memorandum, after applications are submitted.
- Meeting notes

Task 7. 10% Contingency

Task 7 provides a contingency based on 10% of the labor hours for Tasks 3 through 6, to cover additional out of scope work if needed and approved by Marin Water.

Schedule

We anticipate that the performance period for this scope of work is six months.

Budget

ESA’s budget for the scope of work is \$354,659 as shown in Appendix 1

Appendix 1. Cost Proposal

Nicasio Creek Channel Maintenance Plan		TOTAL ESA LABOR COST & FEES						Total ESA Labor Cost
		ESA Total Hours	ESA Labor Subtotal (\$)	Rate Escalation	Contingency	Technology & Data Management Fee	Total Labor Fee	
Task #	Task Name/Description							
3.4	Refined Hydraulic Modeling	76.00	\$ 19,236	\$ -	\$ -	\$ 577	\$ 577	\$ 19,813
3	Task 3	76.00	\$ 19,236	\$ -	\$ -	\$ 577	\$ 577	\$ 19,813
4.1	Coordination & Project Management	24.00	\$ 7,548	\$ -	\$ -	\$ 226	\$ 226	\$ 7,774
4.2	Community Outreach	74.00	\$ 24,244	\$ -	\$ -	\$ 727	\$ 727	\$ 24,971
4	Task 4	98.00	\$ 31,792	\$ -	\$ -	\$ 954	\$ 954	\$ 32,746
5.1	Background Review	99.00	\$ 26,190	\$ -	\$ -	\$ 786	\$ 786	\$ 26,976
5.2	Hydraulic Analysis Synthesis	88.00	\$ 23,400	\$ -	\$ -	\$ 702	\$ 702	\$ 24,102
5.3	Management Plan	180.00	\$ 47,110	\$ -	\$ -	\$ 1,413	\$ 1,413	\$ 48,523
5.4	Permitting Strategy	84.00	\$ 21,292	\$ -	\$ -	\$ 639	\$ 639	\$ 21,931
5	Task 5 Long-Term Management Plan	451.00	\$ 117,992	\$ -	\$ -	\$ 3,540	\$ 3,540	\$ 121,532
6.1	Prepare CEQA Exemption Memorandum	44.00	\$ 12,382	\$ -	\$ -	\$ 371	\$ 371	\$ 12,753
6.2	Project Description and Pre-App Regulatory Engagement	80.00	\$ 19,610	\$ -	\$ -	\$ 588	\$ 588	\$ 20,198
6.3.1	Biological Resource Technical Memorandum	44.00	\$ 10,277	\$ -	\$ -	\$ 308	\$ 308	\$ 10,585
6.3.2	Aquatic Resources Delineation Memo	52.00	\$ 11,753	\$ -	\$ -	\$ 353	\$ 353	\$ 12,106
6.3.3	Cultural Resources Report	43.00	\$ 9,388	\$ -	\$ -	\$ 282	\$ 282	\$ 9,670
6.4	CDFW Sreambed Alteration Agreement	75.00	\$ 17,363	\$ -	\$ -	\$ 521	\$ 521	\$ 17,884
6.5	Regional Board 401 Certification	75.00	\$ 17,275	\$ -	\$ -	\$ 518	\$ 518	\$ 17,793
6.6	USACE Nationwide Permit	63.00	\$ 14,731	\$ -	\$ -	\$ 442	\$ 442	\$ 15,173
6.7	Compensatory Mitigation and Monitoring Plan	51.00	\$ 12,111	\$ -	\$ -	\$ 363	\$ 363	\$ 12,474
6.8	Post-Notification Coordination	58.00	\$ 16,134	\$ -	\$ -	\$ 484	\$ 484	\$ 16,618
6	Task 6 2026 Channel Management Permits	585.00	\$ 141,024	\$ -	\$ -	\$ 4,231	\$ 4,231	\$ 145,255
7.1	Contingency	121.00	\$ 31,004	\$ -	\$ -	\$ 930	\$ 930	\$ 31,935
7	Task 7. 10% Contingency	121.00	\$ 31,004	\$ -	\$ -	\$ 930	\$ 930	\$ 31,935
	Total Hours	1,331.00	\$ 341,048	\$ -	\$ -	\$ 10,231	\$ 10,231	\$ 351,280
	Total (\$) Amount							

PROJECT COST ESTIMATE SUMMARY TABLE	
ESA Labor	\$341,048
Annual Rate Escalation Allowance	
Contingency	
Technology and Data Management Fee	\$10,231
ESA Labor Amount	\$351,280
ESA Non-Labor Expenses	
Reimbursable Expenses (see Attachment A for detail)	\$2,179
ESA Equipment Usage (see Attachment A for detail)	\$1,200
Subtotal ESA Non-Labor Expenses	\$3,379
Subconsultant Costs	
PROJECT TOTAL	\$354,659



UPCOMING MEETINGS

This schedule lists upcoming board and committee meetings as well as upcoming agenda items for the next month, which may include Board interest in adding future meeting items. The schedule is tentative and subject to change pending final publication and posting of each meeting agenda.

Internal Meetings		
Meeting Date	Meeting Type	Key Item(s)
Thursday, Mar. 19, 2026 9:30 a.m.	Watershed Committee Meeting/Special Meeting of the Board of Directors	Lagunitas Creek Restoration Project Phase IC, RTMP Update, and Watershed Trail Maintenance Update
Tuesday, Mar. 24, 2026 9:30 a.m.	Planning Committee Meeting/Special Meeting of the Board of Directors	AMI Update
Thursday, Mar. 26, 2026 9:30 a.m.	Finance & Administration Committee Meeting	Monthly Financial Update

External Meetings	
Meeting Date	Meeting Type
Wednesday, Mar. 18, 2026 3:00 p.m.	Tomaes Bay Foundation Meeting
Monday, Apr. 6, 2026 9:00 a.m.	Special Sonoma Water Advisory Committee/Technical Advisory Committee Meeting
Thursday, Apr. 9, 2026 9:00 a.m.	North Bay Water Association Biennial Conference