



NOTICE OF THE OPERATIONS COMMITTEE MEETING/SPECIAL MEETING OF THE BOARD OF DIRECTORS

Friday, July 19, 2024 at 9:30 AM

AGENDA

LOCATIONS:

Open Session to start at or after 9:30 a.m.

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

Public Participation:

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

On a computer or smart device, go to: <https://marinwater.zoom.us/j/86822995553>

By phone, dial: **1-669-444-9171** and use Webinar ID: **868 2299 5553**

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. **Regular Items** (9:50 a.m. – Time Approximate)

- a. Minutes of the Operations Committee Meeting/Special Meeting of the Board of Directors on June 21, 2024

RECOMMENDATION: Approve the minutes

- b. Fire Flow Improvement Program – Rock Ridge Pipeline Replacement Project (F22001)

RECOMMENDATION: Review and refer to a future regularly scheduled Board meeting for contract award for the Fire Flow Improvement Program – Rock Ridge Pipeline Replacement Project

- c. Update on Renewable Energy Opportunities

RECOMMENDATION: Receive staff update on renewable energy opportunities at District facilities

5. **Upcoming Meeting**

The next Operations Committee Meeting/Special Meeting of the Board of Directors is scheduled for Friday, August 16, 2024 at 9:30 a.m.

6. **Adjournment** (10:30 a.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: 07-16-2024



STAFF REPORT

Meeting Type: Operations Committee/Board of Directors
Title: Minutes of the Operations Committee Meeting/Special Meeting of the Board of Directors on June 21, 2024
From: Terrie Gillen, Board Secretary
Through: Ben Horenstein, General Manager
Meeting Date: July 19, 2024

TYPE OF ACTION: X Action Information Review and Refer

RECOMMENDATION: Approve the minutes

SUMMARY: The Operations Committee/Board of Directors held a meeting on June 21, 2024. The minutes of that meeting are attached.

DISCUSSION: None.

ENVIRONMENTAL REVIEW: Not applicable.

FISCAL IMPACT: None.

ATTACHMENT(S):

1. Draft June 21, 2024 Minutes of the Operations Committee Meeting/Special Meeting of the Board of Directors

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Communications & Public Affairs Department	 Terrie Gillen Board Secretary	 Ben Horenstein General Manager



NOTICE OF THE OPERATIONS COMMITTEE MEETING/SPECIAL MEETING OF THE BOARD OF DIRECTORS

Friday, June 21, 2024 at 9:30 AM

MINUTES

LOCATIONS:

Open Session to start at or after 9:30 a.m.

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

Outside location for Director Larry Russell – Venetian Hotel, Business Center, 3355 S. Las Vegas Blvd., Las Vegas, NV 89109

Public Participation:

The public attended this meeting in-person or remotely using the following methods: on a computer or smart device, <https://marinwater.zoom.us/j/86822995553>, or by phone, 1-669-444-9171 using Webinar ID No. 868 2299 5553.

AGENDA ITEMS:

1. Call to Order and Roll Call

Chair Larry Russell called the meeting to order at 9:30 a.m.

DIRECTORS PRESENT

Matt Samson

Jed Smith

Ranjiv Khush

Larry Russell

DIRECTOR ABSENT

Monty Schmitt

2. Adoption of Agenda

A motion was made by Director Smith and seconded by Vice Chair Khush to adopt the agenda.

There were no public comments.

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

Absent: Director Schmitt

3. Public Comment on Non-Agenda Matters

There were no public comments.

4. Regular Items

- a. Minutes of the Operations Committee Meeting/Special Meeting of the Board of Directors on May 17, 2024

RECOMMENDATION: Approve the minutes

A motion was made by Vice Chair Khush and seconded by Director Smith to approve the minutes.

There were no public comments.

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

Absent: Director Schmitt

- b. Spillway Modifications Alternatives Selection and Design Project

RECOMMENDATION: Review and refer to a future regularly scheduled Board meeting award a professional services agreement with Black and Veatch for the Spillway Modifications Alternatives Selection and Design Project

Engineering Director Alex Anaya provided a presentation on the various dams and spillway projects; and, if approved by the Board, the District would retain Black and Veatch as a consultant to assess the conditions of the spillways and provide recommendations of spillway modification alternatives, which would also include engineering design services.

There were questions and answers during the presentation and continued discussion afterwards.

There was one (1) public comment.

A motion was made by Director Samson and seconded by Director Smith to refer this item to the Board to consider for approval at a future meeting.

5. Upcoming Meeting

Chair Russell announced that the next Operations Committee Meeting/Special Meeting of the Board of Directors would take place on Friday, July 19, 2024, at 9:30 a.m.

6. Adjournment

There being no further business, the Operations Committee Meeting/Special Meeting of the Board of Directors adjourned on Friday, June 21, 2024, at 9:51 a.m.

Board Secretary



STAFF REPORT

Meeting Type: Operations Committee/Board of Directors

Title: Fire Flow Improvement Program – Rock Ridge Pipeline Replacement Project (F22001)

From: Alex Anaya, Director of Engineering

Through: Ben Horenstein, General Manager

Meeting Date: July 19, 2024




TYPE OF ACTION: Action Information X Review and Refer

RECOMMENDATION: Review and refer to a future regularly scheduled Board meeting for contract award for the Fire Flow Improvement Program – Rock Ridge Pipeline Replacement Project

SUMMARY: The Fire Flow Improvement Program – Rock Ridge Pipeline Replacement Project will install approximately 7,560 feet of new pipe in the Town of Fairfax and unincorporated Marin County. On August 6, 2024, the District will open construction bids for the Project. District staff will make a recommendation for contract award at a future regularly scheduled Board meeting.

DISCUSSION: The Rock Ridge Replacement Project is a component of the District’s Fire Flow Improvement Program. This Project will install approximately 7,560 feet of new 8” and 6” welded steel and polyvinyl chlorine (PVC) pipe to replace the old, leak prone, fire flow deficient piping installed as early as 1934.

The Project will take place in the locations described in Table 1 and shown on the map provided in Attachment 1.

**Table 1
Pipeline Replacement Locations**

STREET	LENGTH	INSTALLATION DATE	EXISTING SIZE & TYPE
Oak Manor Drive	900 ft	1954	4” CIP, 8” CIP
Von Court	565 ft	1956	4” CIP
Steven Court	580 ft	1954	4” CIP
Gregory Drive	775 ft	1951	4” CIP
Cynthia Court	280 ft	1952	4” CIP
Scenic Rd	1200 ft	1978	2” GTP, 6” WSP
Rockridge Road	1305 ft	1934	4” CIP

Muriel Place	555 ft	1959	4" CIP
San Miguel Court	525 ft	1952	4" CIP
Arcangel Court	700 ft	1952	4" CIP
Hillside Drive	175 ft	1958	6" WSP

* Galvanized Threaded Pipe, **CIP = Cast Iron Pipe

These street segments were evaluated for the installation of recycled water piping. The nearest existing recycled water pipeline is approximately 6.3 miles away located on intersection of San Pedro Road and Sequoia Road in the community of Los Ranchitos. The closest waste water treatment plant, Central Marin Sanitary Treatment Plant, is located approximately 6.8 miles away in San Rafael. However, their facilities are not equipped to provide tertiary recycled water.

Summaries of the estimated Project costs and schedule are provided below.

Budget:

Engineer’s Estimate:	\$ 3,000,000
Contingency (10%):	\$ 300,000
Materials and Professional Fees:	\$ 500,000
District Labor/Inspection:	\$ 300,000
Total Budget:	\$ 4,100,000
Budget Category:	A2A

Project Implementation:

Project Advertisement:	July 23, 2024
Bid Opening:	August 6, 2024
Project Award:	August 20, 2024
Estimated Completion Date:	May 4, 2025
Duration:	257 days

ENVIRONMENTAL REVIEW: The Director of Engineering has found that the Project is Categorically Exempt pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15302(c), Replacement or Reconstruction. The Project qualifies for exemption pursuant to Section 15302(c) inasmuch as it is the replacement of existing water pipeline involving negligible or no expansion of capacity.

FISCAL IMPACT: The total cost to complete the Fire Flow Improvement Program - Rock Ridge Pipeline Replacement Project is estimated at \$4,100,000, inclusive of District Labor, materials and contingencies. Funding for this project is included in the Adopted 2 Year Capital improvement Budget (FY 2023-25) and will be funded by the Fire Flow Program.

ATTACHMENT(S):

- 1. Site Map

N

Attachment 1

MMWD FIRE FLOW IMPROVEMENT PROGRAM
ROCKRIDGE PIPELINE REPLACEMENT PROJECT
MARIN COUNTY
AUTUMN 2024

Section 4. Item #b.

Pipeline Replacement

Pipeline Replacement

Pipeline Replacement

Pipeline Replacement

Pipeline Replacement

Sir Francis Drake Blvd
Fairfax - Oak Manor Drive Commercial

Manor Elementary School - Ross Valley



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415-945-1455

0 500 1,000 Feet

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MMWD FIRE FLOW IMPROVEMENT PROGRAM
ROCKRIDGE PIPELINE REPLACEMENT PROJECT
TOWN OF FAIRFAX
AUTUMN 2024

Section 4. Item #b.



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STAFF REPORT

Meeting Type: Operations Committee/Board of Directors
Title: Update on Renewable Energy Opportunities
From: Alex Anaya, Director of Engineering
Through: Ben Horenstein, General Manager
Meeting Date: July 19, 2024

TYPE OF ACTION: Action X Information Review and Refer

RECOMMENDATION: Receive staff update on renewable energy opportunities at District facilities

SUMMARY: Staff will present an overview of considerations and opportunities for renewable energy generation projects at District facilities.

DISCUSSION: In line with the 5-Year Strategic Plan adopted by the Board of Directors in 2024, staff is reviewing and evaluating various renewable energy generation technologies and applications, including in-conduit energy recovery, pumped storage hydropower, and increased solar power, to determine where these options may be feasible for the District. Staff will present details of the alternatives evaluated, including benefits, costs, and regulatory considerations associated with potential projects at various District facilities.

ENVIRONMENTAL REVIEW: Not Applicable.

FISCAL IMPACT: None.

ATTACHMENT(S): None.