



NOTICE OF REGULAR MEETING OPERATIONS COMMITTEE/BOARD OF DIRECTORS (OPERATIONS)

(Per paragraph 3 on page 10 under subsection *Committee Meetings* of the Board Handbook: The Board, as a practice, generally does not take final action on items during committee meetings, unless District staff determines the urgency of the item requires immediate action that cannot be delayed until a subsequent regular bi-monthly Board meeting.)

MEETING DATE: 08-19-2022

TIME: 9:30 a.m.

LOCATION: This meeting will be held virtually pursuant to Government Code section 54953(e) (Assembly Bill (AB) 361).

To participate online, go to <https://us06web.zoom.us/j/86822995553>. You can also participate by phone by calling **1-669-900-6833** and entering the **webinar ID#: 868 2299 5553**.

PARTICIPATION DURING MEETINGS: During the public comment periods, the public may comment by clicking the “raise hand” button on the bottom of the Zoom screen; if you are joining by phone and would like to comment, press *9 and we will call on you as appropriate.

EMAILED PUBLIC COMMENTS: You may submit your comments in advance of the meeting by emailing them to BoardComment@MarinWater.org. All emailed comments received by 7:30 a.m. on the day of the meeting will be provided to the Board of Directors prior to the meeting. All emails will be posted on our website. (Please do not include personal information in your comment that you do not want published on our website such as phone numbers and home addresses.)

AGENDA ITEMS	RECOMMENDATIONS
Call to Order and Roll Call	
Adopt Agenda	<i>Approve</i>
Public Comment <i>Members of the public may comment on any items not listed on the agenda during this time. Comments will be limited to three minutes per speaker, and time limits may be reduced by the Committee Chair to accommodate the number of speakers and ensure that the meeting is conducted in an efficient manner.</i>	

MARIN WATER BOARD OF DIRECTORS: LARRY BRAGMAN, JACK GIBSON, CYNTHIA KOEHLER, LARRY RUSSELL, AND MONTY SCHMITT

AGENDA ITEMS	RECOMMENDATIONS
Calendar	
1. Minutes of the Operations Committee/Board of Directors (Operations) Meeting of July 15, 2022 <i>(Approximate time 1 minute)</i>	<i>Approve</i>
2. 2022 Corrosion Test Station Rehabilitation Project <i>(Approximate time 10 minutes)</i>	<i>Review and Refer to Board for Approval</i>
3. 2022 Public Health Goals Triennial Report <i>(Approximate time 10 minutes)</i>	<i>Information</i>
Adjournment (9:51 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 a person 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 Board Secretary Terrie Gillen at 415.945.1448, at least two days in advance of the meeting. Advance notification will enable the Marin Water to make reasonable arrangements to ensure accessibility.

AGENDAS ARE AVAILABLE FOR REVIEW AT THE CIVIC CENTER LIBRARY, CORTE MADERA LIBRARY, FAIRFAX LIBRARY, MILL VALLEY LIBRARY, MARIN WATER OFFICE, AND ON THE MARIN WATER WEBSITE (MARINWATER.ORG)

FUTURE BOARD MEETING:

- ❖ Thursday, August 25, 2022
Finance & Administration Committee/Board of Directors (Finance & Administration) Meeting
9:30 a.m.
- ❖ Tuesday, September 6, 2022
Board of Directors’ Regular Meeting
7:30 p.m.


Board Secretary



Item Number: 01
Meeting Date: 08-19-2022
Meeting: Operations
Committee/Board of Directors
(Operations)

Approval Item

TITLE

Minutes of the Operations Committee/Board of Directors (Operations) Meeting of July 15, 2022

RECOMMENDATION

Approve the adoption of the minutes

SUMMARY

The Operations Committee/Board of Directors (Operations) held its regularly scheduled monthly meeting on July 15, 2022. The minutes of that meeting are attached.

DISCUSSION

None

FISCAL IMPACT

None

ATTACHMENT(S)

1. Minutes of the Operations Committee/Board of Directors (Operations) Meeting of July 15, 2022

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

**MARIN MUNICIPAL WATER DISTRICT
OPERATIONS COMMITTEE /BOARD OF DIRECTORS (OPERATIONS) MEETING**

MINUTES

Friday, July 15, 2022

Via teleconference

(In accordance with Assembly Bill 361)

DIRECTORS PRESENT: Larry Bragman, Jack Gibson, and Larry Russell
(Director Bragman arrived later during Agenda Item 2 presentation.)

DIRECTORS ABSENT: Cynthia Koehler and Monty Schmitt

CALL TO ORDER: Chair Russell called the meeting to order at 9:30 a.m.

ADOPT AGENDA:

On motion made by Director Gibson and seconded by Chair Russell, the board adopted the agenda. The board took the following roll call vote:

- Ayes: Directors Gibson and Russell
- Noes: None
- Absent: Directors Bragman, Koehler, and Schmitt

There were no public comments on the adoption of the agenda.

PUBLIC COMMENT

There were no public comments.

CALENDAR ITEMS:

**Item 1 Minutes of the Operations Committee/Board of Directors (Operations) Meetings of
May 20, 2022, and June 17, 2022**

On motion made by Director Gibson and seconded by Chair Russell, the directors adopted the agenda.

- Ayes: Directors Gibson and Russell
- Noes: None
- Absent: Directors Bragman, Koehler, and Schmitt

Item 2 Courtright System Improvements Project

Engineer Design Manager Alex Anaya presented this item, which is a proposed project to install 520 feet of pipe and a pressure regulator, and to decommission and remove the redwood Courtright Tank located in the City of San Rafael due to leakage.

Director Bragman arrived during the presentation.

Discussion ensued.

There was no public comment.

This item was referred to the board for approval at a future board meeting.

Item 3 Water Shortage Contingency Plan Review

Water Quality Manager Lucy Croy presented this item providing a timeline of the actions the District took during the drought of 2021 and presenting new proposed water shortage triggers based on rainfall amounts and the levels of water supply available in the district. Discussion ensued between the board and staff.

There were two (2) public comments.

The Committee requested additional information and directed staff to bring this item back for further discussion.

ADJOURNMENT

There being no further business, the Operations Committee/Board of Directors (Operations) meeting adjourned at 10:26 a.m.

Board Secretary



Item Number: 02
Meeting Date: 08-19-2022
Meeting: Operations
Committee/Board of Directors
(Operations)

Review and Refer for Board Approval

TO: Operations Committee/Board of Directors (Operations)

FROM: Crystal Yezman, Director of Engineering *CY*

THROUGH: Paul Sellier for Ben Horenstein, General Manager *PH*

DIVISION NAME: Engineering

ITEM: 2022 Corrosion Test Station Rehabilitation Project (D22026)

SUMMARY

The 2022 Corrosion Test Station Rehabilitation Project will install 60 new magnesium anodes at 60 existing corrosion test sites throughout the District to improve cathodic protection on the water distribution system. On August 9, 2022, the District opened construction bids for the Project. District staff will review these and make a recommendation for contract award at a future regularly scheduled Board meeting.

DISCUSSION

The District has approximately 6,975 corrosion test stations throughout our distribution system, most of which utilize magnesium anodes, to prevent corrosion damage to the pipelines. These magnesium anodes extend the useful life of the pipelines by preventing leaks caused by corrosion. Magnesium anodes are gradually depleted over their service life as they provide a protective current to the pipeline system. The typical service life of magnesium anodes is 20 years. Once an anode is depleted, it needs to be replaced in order to maintain the effectiveness of the cathodic protection system. Maintaining the operation of cathodic protection systems is a cost-effective means of preventing premature failure and/or replacement of pipelines in the system. The District has been routinely replacing depleted anodes on an annual basis for over thirty years.

Budget:

Engineer’s Estimate:	\$66,000
Contingency:	\$7,000
Materials:	\$21,800
District Labor/Inspection:	\$20,000
Total Budget:	\$114,800
Budget Category:	A1A01

Project Implementation:

Project Advertisement: July 26, 2022
Bid Opening: August 9, 2022
Project Award: September 6, 2022
Estimated Completion Date: November 18, 2022
Duration: 73 days

ENVIRONMENTAL REVIEW

Staff has determined that the Project is Categorically Exempt pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15301(b), Existing Facilities. The Project qualifies for exemption pursuant to Section 15301(b) inasmuch as the project is a maintenance activity of existing water facilities.

PUBLIC OUTREACH EFFORTS

Public outreach steps to be taken are described in the table below.

Department	Action
Public Information	Issue news release to local media (print and online outlets).
Public Information	Post on MMWD website.

FISCAL IMPACT

The total cost to complete the 2022 Corrosion Test Station Rehabilitation Project is estimated at \$114,800. This project is currently budgeted for in the CIP budget within the Cathodic Protection fund center.

ATTACHMENT(S)

1. List of Sites

Table No. 1
List of Locations

Item Number: 02
Attachment: 01


SITE	NUMBER	MAP	ADDRESS	TOWN	COVER	SYSTEM	ANODES	BID ITEM	NOTES
1	CS-5605	K1608	65 Redwood Rd	Fairfax	Dirt	MH5605	1	1	
2	HY-08408	K1612	431 Cascade Dr	Fairfax	Dirt	MWSP5135	1	2	
3	HY-00484	K1616	1 Meadow	Fairfax	Dirt	MWSP5135	1	2	
4	CS-1483	K1705	Driveway to Manor 1st Lift Tank	Fairfax	Dirt	MWSP1479	1	1	Will help with loc
5	CS-5774	K1705	Driveway to Manor 1st Lift Tank	Fairfax	Dirt	MWSP1479	1	1	Will help with loc
6	HY-00417	K1705	129 Ridge Road	Fairfax	Dirt	MWSP1479	1	2	
7	HY-04462	K1707	13 Live Oak Ave	Fairfax	Dirt	MWSP4067	1	2	
8	HY-00380	K1707	25 Maple Ave	Fairfax	Dirt	MWSP4067	1	2	
9	HY-04462	K1707	13 Live Oak	Fairfax	Dirt	MWSP4067	1	2	
10	HY-01757	K1709	Across from 60 Meadow	Fairfax	Dirt	MWSP0725	1	2	
11	B.O.2441	K1709	Across from 64 Meadow	Fairfax	Dirt	MWSP0725	1	3	
12	HY-03076	L1908	Across from 357 Via La Paz	Greenbrae	Dirt	MWSP5644	1	2	
13	CS-3501	L1805	Driveway to Kent woodlands 1st	Kentfield	Dirt	MOD3501	1	1	Will help with loc
14	CS-0224	M1914	22 E. Manor Ave	Mill Valley	Dirt	MWSP0224	1	1	
15	HY-04179	M1914	33 Avon Ave	Mill Valley	Dirt	MACP0224	1	2	
16	HY-07072	M1914	45 Marlin Ave at Avon Ave	Mill Valley	Dirt	MWSP3003	1	2	will help with loc
17	B.O.-1802	N1815	618 Douglass Dr.	Mill Valley	Dirt	MWSP0225	1	3	will help with loc
18	CS-5616	N1910	379 Springside Wy	Mill Valley	Dirt	MH5616	1	1	
19	HY-07261	K1712	26 Scenic Ave	San Anselmo	Dirt	MPVC2262	1	2	
20	HY-00294	K1712	68 Scenic Ave	San Anselmo	Dirt	MPVC2262	1	2	
21	HY-00342	K1712	76 Elm Ave	San Anselmo	Dirt	MPVC2262	1	2	
22	HY-07262	K1712	86 Scenic Ave	San Anselmo	Dirt	MPVC2262	1	2	
23	HY-06631	K1716	491 Redwood Rd	San Anselmo	Dirt	MWSP2459	1	2	
24	HY-06632	K1716	511 Redwood Rd	San Anselmo	Dirt	MWSP2459	1	2	
25	CS-5744	K1806	304 Los Angeles	San Anselmo	Dirt	MWSP5744	1	1	Down driveway to 304
26	HY-00283	K1809	875 San Anselmo Ave	San Anselmo	Dirt	MPVC4650	1	2	across st in median
27	HY-06587	K1809	841 San Anselmo Ave	San Anselmo	Dirt	MPVC4650	1	2	near 837 SSA
28	CS-0754	K1810	834 S.F.D. on Shaw Dr.	San Anselmo	Dirt	MH0754	1	1	
29	HY-06412	K1813	Across From 677 Redwood Rd	San Anselmo	Dirt	MWSP2459	1	2	
30	HY-06633	K1813	531 Redwood Rd	San Anselmo	Dirt	MWSP2459	1	2	
31	CS-5013	K1813	Between 144/130 Melville Ave	San Anselmo	Dirt	MH5013	1	1	
32	HY-06044	J1801	Between 91,94 Mt. Muir Ct.	San Rafael	Dirt	MWSP1627	1	2	
33	CS-3652	J1802	Lucas Valley Rd	San Rafael	Dirt	MCCP3652	1	1	Will help with loc
34	HY-04293	J1808	Across from 167 Lucas Park	San Rafael	Dirt	MACP0489	1	2	
35	HY-04295	J1808	98 Lucas Park Dr.	San Rafael	Dirt	MACP0489	1	2	
36	HY-04368	J1808	19 Montevideo Way	San Rafael	Dirt	MACP0489	1	2	
37	HY-04370	J1808	1860 Las Gallinas Ave	San Rafael	Dirt	MACP0489	1	2	
38	HY-04297	J1808	1958 Las Gallinas Ave	San Rafael	Dirt	MACP0489	1	2	
39	HY-04292	J1808(4)	3 Corte Verano	San Rafael	Dirt	MACP0489	1	2	behind on Santiago
40	CS-4731	J1810	730 Bamboo Terrace	San Rafael	Dirt	MWSP4731	1	2	HY is CTS
41	CS-0767	J1901	Opp. 200 Miller Creek to East	San Rafael	Dirt	MWSP0767	1	1	Will help with Loc
42	HY-07977	J1916	55 Meadow Dr	San Rafael	Dirt	MACP1245	1	2	
43	CS-1855	K1903	1 Garden Ave	San Rafael	Dirt	MWSP1855	1	1	
44	HY-05749	K1906	24 Edgewood Way	San Rafael	Dirt	MWSP5091	1	2	
45	HY-01640	K1906	Near 531 Fairhills	San Rafael	Dirt	MWSP5091	1	2	




Item Number: 03
Meeting Date: 08-19-2022
Meeting: Operations
Committee/Board of Directors
(Operations)

Informational Item

TO: Operations Committee/Board of Directors (Operations)

FROM: Paul Sellier, Director of Water Resources 

THROUGH: Crystal Yezman for Ben Horenstein, General Manager 

DIVISION NAME: Water Resources

ITEM: 2022 Public Health Goals Triennial Report

SUMMARY

Over the past three years, Marin Municipal Water District's drinking water has continued to meet or exceed all state and federal drinking water health standards. The Public Health Goals Report, published every three years, is a brief, written report in plain language that gives information on the detection of any contaminants above the Public Health Goals (PHGs) published by the state's Office of Environmental Health Hazard Assessment (OEHHA). The report must also list the detection of any contaminant above the Maximum Contaminant Level Goals (MCLGs) set by United States Environmental Protection Agency (U.S. EPA) for all other contaminants until such time as OEHHA has published PHGs for those contaminants. The Public Health Goals Report differs from the Annual Water Quality Report (also referred to as the Consumer Confidence Report), the latter of which summarizes regulatory drinking water standards established by the U.S. Environmental Protection Agency and/or California State Water Resources Control Board (SWRCB). PHGs and MCLGs are not regulatory standards.

From 2019 through 2021, Marin Municipal Water District (MMWD) collected on average 150 Total Coliform/*E.Coli* samples a month, with a total of 5,590 samples collected over the 3 year period. Of these, one sample tested positive for *E.coli*. Follow-up resampling was negative for *E.Coli*, and therefore did not exceed the regulatory Maximum Contaminant Level (MCL). No violation of the MCL for *E.Coli* occurred. However, this single occurrence exceeded the MCL goal (MCLG) of zero for *E.Coli*.

DISCUSSION

The California Health and Safety Code Section 116470(b) requires public water utilities with more than 10,000 service connections to prepare a brief written report every three years if a regulated drinking water contaminant is detected with levels that exceed the Public Health Goal (PHG) or the Maximum Contaminant Level Goal (MCLG). Both PHGs and MCLGs are the level of

a chemical contaminant in drinking water that does not pose a significant risk to health and are non-enforceable. PHGs and MCLGs are not regulatory standards. However, state law requires the State Water Resources Control Board (SWRCB) to set drinking water standards for chemical contaminants as close to the corresponding PHG or MCLG as is economically and technologically feasible. In some cases, it may not be feasible for SWRCB to set the drinking water standard for a contaminant at the same level as the PHG because the technology to treat the chemicals may not be available, or the cost of treatment may be very high. SWRCB must consider these factors when developing drinking water standards. PHGs are established by the California Environmental Protection Agency's Office of Environmental Health Hazard Assessment (OEHHA), and MCLGs are health-based goals adopted by the U.S. EPA. This report is unique to California, and only contaminants with established primary drinking water standards and a PHG or MCLG as of December 31, 2021 are addressed in this report.

Maximum Contaminant Levels (MCLs) are enforceable drinking water standards established by the United States Environmental Protection Agency (USEPA) and/or California State Water Resources Control Board (SWRCB) and are set at very conservative levels to provide protection to consumers against all but very low to negligible risk and are the regulatory definition of what is safe. MCLs are required to be set at levels as close to the corresponding PHGs as technically and economically feasible, with the primary focus on protection of public health. PHGs and MCLGs, unlike MCLs, do not take into account the practical risk-management factors, including analytical detection capability, treatment technology availability, benefits and cost.

MMWD last prepared a Public Health Goal Report in 2019 for the prior three-year period. The 2022 Public Health Goal Report covers contaminants detected in MMWD's water supply during the 3-year period of January 1, 2019 through December 31, 2021 where the detected level of a contaminant exceeded the corresponding PHG or MCLG. *E.Coli* was the only contaminant with a MCL that exceeded its corresponding MCLG, on one occasion. From 2019 through 2021, MMWD collected on average 150 Total Coliform/*E.Coli* samples a month, with a total of 5,590 samples collected over the three-year period. Of these, one sample was positive for *E.coli*. Follow-up resampling was negative for *E.Coli* indicating that it is likely that the sample was inadvertently contaminated during the sample collection process.

The MCL for *E.coli* was not exceeded as the follow-up investigation and sampling did not confirm the initial positive result. Therefore, no violation of the MCL for *E.coli* occurred. OEHHA does not have an established PHG for *E.coli*. The MCLG for *E.coli* is zero (0). Exceeding zero *E.coli* bacterial one time in the three-year period does not indicate the need for changes in the treatment process or other corrective action as there can be an occasional positive due to sampling or analytical error.

Further, MMWD has already implemented Best Available Technology (BAT) as outlined in California Code of Regulations Title 22, Section 64447 to achieve compliance with the *E.coli* MCL. These practices include disinfection and filtration of source water, monitoring of the water quality in the distribution system, maintenance of disinfectant residual throughout the distribution system, and maintenance of the distribution system, such as pipe replacement and repairs, flushing the distribution system, having a cross-connection program and maintaining positive pressure in the distribution system. Since MMWD is currently practicing BATs, there is no cost estimate for implementation of BATs.

ATTACHMENT(S)

None