

REVISED



**NORTH MARIN
WATER DISTRICT**

**NORTH MARIN WATER DISTRICT
AGENDA - REGULAR MEETING
February 21, 2023 – 6:00 p.m.
Location: Virtual Meeting
Novato, California**

ITEM #7 HAS BEEN REPLACED WITH A MORE LEGIBLE VERSION

Information about and copies of supporting materials on agenda items are available for public review at the District Office, at the Reception Desk, by calling the District Secretary at (415) 897-4133 or on our website at nmwd.com. A fee may be charged for copies. District facilities and meetings comply with the Americans with Disabilities Act. If special accommodations are needed, please contact the District Secretary as soon as possible, but at least two days prior to the meeting.

ATTENTION: This will be a virtual meeting of the Board pursuant to the authorizations provided by Government Code section 54953(e)."

There will not be a public location for participating in this meeting, but any interested member of the public can participate telephonically by utilizing the dial-in information printed on this agenda.

Video Zoom Method

CLICK ON LINK BELOW:

Go to: <https://us02web.zoom.us/j/82191971947> OR

Password: 466521

SIGN IN TO ZOOM:

Meeting ID: 821 9197 1947

Password: 466521

Call in Method:

Dial: +1 669 900 9128
+1 253 215 8782
+1 346 248 7799
+1 301 715 8592
+1 312 626 6799
+1 646 558 8656

Meeting ID: 821 9197 1947#

Participant ID: #

Password: 466521#

For clarity of discussion, the Public is requested to MUTE except:

1. During Open Time for public expression item.
2. Public comment period on agenda items.

Please note: In the event of technical difficulties during the meeting, the District Secretary will adjourn the meeting and the remainder of the agenda will be rescheduled for a future special meeting which shall be open to the public and noticed pursuant to the Brown Act.

Est. Time	Item	Subject
6:00 p.m.		CALL TO ORDER
	1.	APPROVE MINUTES FROM REGULAR MEETING, February 7, 2023
	2.	GENERAL MANAGER'S REPORT
	3.	OPEN TIME: (Please observe a three-minute time limit) This section of the agenda is provided so that the public may express comments on any issues not listed on the agenda that are of interest to the public and within the jurisdiction of the North Marin Water District. When comments are made about matters not on the agenda, Board members can ask questions for clarification, respond to statements or questions from members of the public, refer a matter to staff, or direct staff to place a matter of business on a future agenda. The public may also express comments on agenda items at the time of Board consideration.
	4.	STAFF/DIRECTORS REPORTS
		CONSENT CALENDAR The General Manager has reviewed the following items. To his knowledge, there is no opposition to the action. The items can be acted on in one consolidated motion as recommended or may be removed from the Consent Calendar and separately considered at the request of any person.
	5.	Consent – Approve: GHD – Consulting Services Agreement (GIS Conversion to ESRI and Mapping Support)
		ACTION CALENDAR
	6.	Consider a 4:00 p.m. Convening Time for Board Meetings
		INFORMATION ITEMS
	7.	Quarterly Financial Statement
	8.	Brown Act Training
	9.	MISCELLANEOUS Disbursements – Dated February 9, 2023 Disbursements – Dated February 16, 2023 Monthly Progress Report SB23 Streamlining Delivery of Critical Water Projects While Protecting the Environment to Meet Challenges of Climate Change – ACWA Factsheet - Enhancement of Stafford Dam safety and security with advanced instrumentation and monitoring U.S. Seasonal Drought Outlook – February 16, 2023 <u>News Articles:</u> Marin IJ: MMWD details plan for rate hike <u>Social Media Posts:</u> NMWD Web and Social Media Report – January 2023
7:30 p.m.	10.	ADJOURNMENT

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DRAFT
NORTH MARIN WATER DISTRICT
MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
February 7, 2023

6 **CALL TO ORDER**

7 President Fraites announced that due to the Coronavirus outbreak and pursuant to the
8 Brown Act as modified by Assembly Bill 361, this was a virtual meeting. President Fraites called the
9 regular meeting of the Board of Directors of North Marin Water District to order at 6:00 p.m. and the
10 agenda was accepted as presented. President Fraites added that there was not a public location for
11 participating in this meeting, but any interested members of the public could participate remotely by
12 utilizing the video or phone conference dial-in method using information printed on the agenda.
13 President Fraites announced that in the event of technical difficulties during the meeting, the District
14 Secretary will adjourn the meeting and the remainder of the agenda will be rescheduled for a future
15 special meeting which shall be open to the public and noticed pursuant to the Brown Act.

16 President Fraites welcomed the public to participate in the remote meeting and asked that
17 they mute themselves, except during open time and while making comments on the agenda items.
18 President Fraites noted that that due to the virtual nature of the meeting he will request a roll call of
19 the Directors. A roll call was done, those in remote attendance established a quorum. Participating
20 remotely were Directors Jack Baker, Ken Eichstaedt, Rick Fraites, Michael Joly and Stephen
21 Petterle.

22 President Fraites announced that all public attendees will be invited to speak and will need to
23 use the raised hand icon in Zoom or dial *9 to be called upon.

24 Mr. Williams performed a roll call of staff, participating remotely were; Tony Williams
25 (General Manager), Eileen Mulliner (District Secretary), Eric Miller (Assistant GM/Chief Engineer),
26 Julie Blue (Auditor Controller), Chris Kehoe (Interim Construction/Maintenance Superintendent),
27 Robert Clark (Operations/Maintenance Superintendent), Ryan Grisso (Water Conservation
28 Coordinator), Pablo Ramudo (Water Quality Supervisor), and Rebecca Sylvester
29 (Receptionist/Customer Service Assistant). Tim Fuelle (Senior Engineer) and Robert Maddow
30 (legal counsel) also joined the meeting.

31 President Fraites requested that for those joining the virtual meeting from the public to
32 identify themselves and there was no response.

33 President Fraites called the regular meeting of the Board of Directors of North Marin Water
34 District to order at 6:00 p.m. and the agenda was accepted as presented.

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1 **MINUTES**

2 On motion of Director Joly seconded by Director Petterle the Board approved the minutes
3 from the January 17, 2023 meeting as presented by the following vote:

4 AYES: Director(s) Baker, Fraites, Joly and Petterle

5 NOES: None

6 ABSENT: None

7 ABSTAIN: Director Eichstaedt

8 **GENERAL MANAGER'S REPORT**

9 During the General Manager's report, Mr. Williams apprised the Board that he attended a
10 regular meeting with West Marin water suppliers on January 26, 2023. This is a recurring meeting
11 that Supervisor Rodoni arranges. Director Joly asked how many local Marin agencies are there.
12 Mr. Williams responded that Muir Beach Water District, Stinson Beach Water District, Bolinas Public
13 Utilities District, Inverness Public Utilities District, Hamilton Mutual Water Company that provides a
14 small area in Inverness, Estero Mutual Water Company, Cal American Water, and NMWD are water
15 providers in West Marin.

16 On February 2, 2023, Mr. Williams attended a similar meeting, the Marin-Sonoma Drought
17 Meeting. Attendees included Sonoma Water, Marin Municipal and North Marin Water District.

18 Also, on February 2, 2023, Mr. Williams and Grant Davis, Sonoma County Water Agency 's
19 General Manager, were invited to a Board Workshop at Marin Municipal Water District (MMWD).
20 Mr. Williams gave a presentation on NMWD's local water supply study that was completed last July
21 as well as an update on West Marin focusing on Gallagher Well No. 2.

22 **OPEN TIME**

23 President Fraites asked if anyone in the audience wished to bring up an item not on the
24 agenda and there was no response.

25 **STAFF/DIRECTORS REPORTS**

26 President Fraites asked if staff or Directors wished to bring up an item not on the agenda
27 and the following items were discussed:

28 Eric Miller informed the Board that on February 2, he attended a lobby day in Sacramento
29 that Sonoma County Water Agency and WAC/TAC representatives held. Representatives from City
30 of Santa Rosa, NMWD, Town of Windsor, and Valley of the Moon Water, along with Sonoma
31 County Supervisor David Rabbit, and the mayor of City of Santa Rosa attended. During the visit, Mr.

1 Miller met with key officials. Several topic points were presented including drought response, aging
2 infrastructures and groundwater sustainability.

3 **CONSENT CALENDAR**

4 On the motion of Director Joly and seconded by Director Petterle, the Board approved the
5 following items on the consent calendar by the following vote:

6 AYES: Director(s) Baker, Eichstaedt, Fraites, Joly and Petterle

7 NOES: None

8 ABSENT: None

9 ABSTAIN: None

10 **RE-AUTHORIZING MEETINGS BY TELECONFERENCE OF LEGISLATIVE BODIES OF NORTH**
11 **MARIN WATER**

12 The Board approved Re-Authorizing Meetings by Teleconference of Legislative Bodies of
13 North Marin Water District. Resolution 23-04 will extend the continuation of teleconference
14 meetings effective February 17, 2023 through February 28, 2023 pursuant to Brown Act provisions.

15 **INFORMATION ITEMS**

16 **POTTER VALLEY PROJECT UPDATE**

17 Mr. Williams gave a presentation on the Potter Valley Project (PVP) Update. Mr. Williams
18 acknowledged that Drew McIntyre helped with this staff report as well as Bob Maddow, NMWD legal
19 counsel. The PVP is a PGE hydroelectric facility that relies on transfers of Eel River water to the
20 east fork of the Russian River. Without these transfers, the impacts are significant to the upper
21 Russian River and it is estimated that in 8 out of 10 years without those diversions there would not
22 be enough water supply to all the customers in the upper region of the Russian River and in 2 of the
23 8 years there would be 30,000 af of shortage and Lake Mendocino likely goes dry. In addition to a
24 high-level summary of the history of the PVP, Mr. Williams provided an update on current events
25 including three grants from DWR that SCWA has obtained. One is to look at how could transfers of
26 water happen, maybe slightly differently from how it is currently. Also, looking at existing facilities
27 PGE has there, and what can be repurposed for future ongoing diversions. The third grant helped
28 establish the Russian River Water Forum that could lead to development of a leadership structure
29 and entity that could operate the diversion in the future. RRWF goals include developing a strategic
30 plan for ongoing engagement with key stakeholders, do outreach to educate the stakeholders, and
31 to create a leadership group that may take over the facility. In the future, NMWD may be asked to
32 participate in some way.

1 Director Petterle noted that Mr. Williams said that 8 out of 10 years, it would affect upper
2 Russian River. He asked is there are agencies in that area, or is it ranchers or farmers. Mr.
3 Williams said there is the Potter Valley Irrigation District and they are one of the primary customers
4 in the upper river but there are other agricultural customers that rely on diverted water before it
5 reaches Lake Mendocino. Director Joly stated that he cares a great deal about the future and found
6 the situation to be unsettling. He asked what impact will a dry Lake Mendocino have on NMWD.
7 Mr. Williams said the impact relates to the required releases from Lakes Mendocino and Sonoma
8 and if those release volumes do not change, when there isn't enough water, there could be
9 reductions in the allowed diversions to the water contactors.

10 Bob Maddow of NMWD's legal counsel, Bold, Polisner, Maddow, Nelson and Judson, joined
11 the meeting.

12 Director Joly asked, considering the high price tag of keeping the diversion in place, what
13 authority does FERC or some other entity have over PGE to help contribute. Mr. Maddow
14 responded that California Public Utilities Commission has authority and PGE will have an obligation
15 to make sure decommissioning is in accordance with law. PGE will also have to deal with issues
16 under the Federal Clean Water Act and Endangered Species Act. PGE was putting costs into its
17 general rate base proposals that included anywhere from \$100M to \$200 M for the cost of
18 decommissioning of the facilities. Director Fraites asked if the PVP diversions have increased over
19 the years and Mr. Williams answered that historically they have gone down due mostly to increased
20 environmental requirements on PGE's operation. Director Fraites asked if it was mostly grapes
21 grown in the area and Mr. Williams responded that he wasn't sure what the primary crop was in the
22 area. Director Eichstaedt asked what the previously identified "preferred project" (see slide 6 of the
23 presentation) that costs between \$100 and \$400M was. Mr. Williams responded that he wasn't sure
24 but it is no longer relevant going forward. Director Joly asked how we will monitor the
25 decommissioning process, and that he was very surprised by the significance of the PVP on the
26 District. Mr. Williams answered it is an ongoing agenda item at each WAC and TAC meeting as well
27 as the as the TAC ad-hoc meetings and legal counsel participates in regular calls with legal
28 counsels of SCWA and other TAC members. The TAC members also have a separate periodic
29 PVP call where it is discussed in depth. Mr. Maddow also participates in these calls.

30 Director Fraites open the discussion to members of the public and Susan Stompe with Marin
31 Conservation League stated her concern about the impacts of diversions of the Eel River and that
32 those considerations are not discussed equally with the Russian River. Mr. Maddow responded that
33 diversions on the Eel river into the Russian River have been reduced by approximately 75% over the
34 years from a normal volume of 165,000 af per year. The fisheries interests on the Eel are subject to

1 regulation and controlled by a biological opinion from National Marine Fisheries Service and parallel
2 activities by the State Department of Fish and Wildlife and have dramatically improved the state of
3 fisheries in the Eel river over the duration of time of the biological opinion and the state regulations
4 that have been in place. Also, there are State and Federal regulatory impositions on the operation
5 of the facilities on Russian River due to the PVP. The Russian River fish have been impacted as a
6 result of the significant reduction in Eel River diversions in the last 20 years. Mr. Maddow noted
7 there is no aspect of the activity with regard to PVP surrender and decommissioning of the facilities
8 that is not being looked with very careful attention being paid to the question of the health of the
9 ecosystem of the Eel River.

10 Director Joly thanked Mr. Maddow for being such a great resource.

11 **OLD RANCH ROAD TANK NO. 2 PROJECT – FINAL PROJECT UPDATE**

12 Tim Fuelle gave a presentation to the Board on the final project update for the Old Ranch
13 Road Tank No. 2 project. The presentation showed the milestone dates and there were many
14 photos showing the construction of the tank and the completed product. Director Fraites mentioned
15 that a resident on Old Ranch Road complained about the glare the from stainless steel tank and
16 asked if the tank will be painted or if there will be more trees planted. Mr. Fuelle responded that
17 stainless steel will dull with time but there is a plan for a temporary shield to help reduce the glare
18 until the recently planted trees grow bigger. Director Joly inquired about the life of the tank. Mr.
19 Fuelle responded that we don't have very good numbers for stainless steel tanks, but the estimate is
20 approximately 100 years. Director Joly asked how many tanks we have in Novato, and Mr. Fuelle
21 responded that we have over 30. Director Baker thanked Mr. Fuelle for his presentation. Mr. Fuelle
22 did offer field trips to the Board if any one was interested. Director Fraites said the project overall
23 was a beautiful job. Pablo Ramudo complimented Mr. Fuelle on his handling of the job, including
24 coordination with District staff as well as the neighbors throughout the project.

25 **FY2022/23 MID-YEAR PROGRESS REPORT – WATER QUALITY**

26 Pablo Ramudo reported on the FY2022/23 Mid-Year Progress Report for Water Quality. He
27 updated the Board on the Novato, Point Reyes and Novato Recycled Systems. Mr. Ramudo
28 reported that Stafford Lake has had some problems with algae, but algae has been a problem for
29 many years. There had been some detection of blue green algae but no toxins in the finished water
30 as the treatment was optimal. Mr. Ramudo noted that at the recent Gallagher Well Special BOD
31 meeting, one customer asked about drinking water standards and bought up a salt content standard
32 but Mr. Ramudo reassured the customer at the time and emphasized to the Board that treated water
33 meets the regulatory standards. He reported that the Coast Guard Wells did see a slight sodium

1 increase but it was kept within the limits. Director Eichstaedt asked if there were any public
2 comments on the Pt. Reyes System and Mr. Ramudo responded that he has regular contact with the
3 customers. He mentioned that since Gallagher Well No. 2 went online at the beginning of November
4 2022, there has been a relief from the customers now having better quality water. Director Joly
5 asked about cyanotoxins at Stafford and the potential liabilities. Mr. Ramudo responded that we
6 post signs when we are in the third tier for toxins per state guidelines but also noted Stafford is a no
7 'body contact' lake.

8 **FY2022/23 MID-YEAR PROGRESS REPORT – OPERATIONS/MAINTENANCE**

9 Robert Clark reported on the FY2022/23 Mid-Year Progress Report for the Operations and
10 Maintenance Department. He reported on various projects completed at Stafford Treatment Plant
11 (STP) as well as other locations. Mr. Clark reported on the STP production from July to October
12 during restrictions from Sonoma County Water Agency. Mr. Clark also reported on the Maintenance
13 Department efforts and a recent inspection by the EPA at STP.

14 **FY2022/23 MID-YEAR PROGRESS REPORT – ENGINEERING**

15 Eric Miller reported on the FY2022/23 Mid-Year Progress Report for the Engineering
16 Department. Mr. Miller gave an overview of the projects that are in process as well as those that
17 have been completed so far. Major projects include Lynwood Pump Station, Hydropneumatic Tank
18 Zones, and the Novato Blvd Widening project. This last project has some problems with PGE and
19 their lines that need to be addressed. There are two projects that will be going out for bid; Crest
20 Pump Station and the STP Sludge Line Replacement. For West Marin projects, the Gallagher Well
21 No. 2 project has been completed. The Oceana Marin Treatment Plant Rehabilitation project is
22 coming up.

23 **FY2022/23 MID-YEAR PROGRESS REPORT – WATER CONSERVATION**

24 Ryan Grisso reported on the FY2022/23 Mid-Year Progress Report for Water Conservation.
25 Ryan Grisso outlined the Water Conservation programs the District offers and they participation for
26 the last three fiscal years. He noted that we continue to enforce our prohibitions and work
27 proactively with the customers to resolve any conservation issues. He made a brief overview of the
28 District's social media platforms and that we continue to send out the Waterline newsletter. Director
29 Baker asked if Mr. Grisso could give a Cash for Grass Update at a future meeting. Director Fraitess
30 said the Cash for Grass is one of his favorite programs.

31 **NMWD ADMINISTRATION AND LABORATORY UPGRADE PROJECT UPDATE**

32 Eric Miller gave an update presentation to the Board on the Administration and Laboratory
33 Upgrade project. Director Baker asked which building (Admin or Lab) would be completed first and

1 Mr. Miller responded that occupancy for each will be close. Robert Clark stated that lab occupation
2 will be dependent on certification for the lab and Mr. Miller said that they will know more about the
3 date in the summertime. Director Joly asked about delay costs and Mr. Miller said that the contract
4 has language in it about liquidated damages.

5 **NBWA MEETING – FEBRUARY 3, 2023**

6 Director Fraites gave an update on the North Bay Water Association meeting he attended
7 on February 3, 2023. There was a presentation about SCWA’s Regional Water Supply Resiliency
8 Study. The Study is to identify key factors impacting regional water supply resiliency, evaluate the
9 current levels of resiliency and identify promising opportunities for Sonoma Water and its regional
10 customers to improve regional resilience in the future.

11 **MISCELLANEOUS**

12 The Board received the following miscellaneous items: Disbursements - Dated January 19,
13 2023, January 26, 2023, and February 2, 2023, FY23 2nd Quarter Labor Cost Report, NOAA Three-
14 Month Outlook Precipitation Probability – January 19, 2023, U.S. Seasonal Drought Outlook -
15 January 19, 2023.

16 The Board also received the following news articles: Marin IJ: Is Drought Over? – MARIN’S
17 WET WINTER, Inside California’s wild weather from the sky – ABOVE THE PACIFIC, Retired civil
18 engineer joins sewer board – IN YOUR TOWN, Plan allows thousands of homes – MARIN
19 COUNTY, Pt Reyes Light: North Marin Water Appoints Coastal Director.

20 **ADJOURNMENT**

21 President Fraites adjourned the meeting at 8:37 p.m.

22 Submitted by

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Eileen Mulliner
District Secretary

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MEMORANDUM

To: Board of Directors
From: Eric Miller, Chief Engineer & Assistant General Manager *EM* February 21, 2023
Subject: Approve GHD – Consulting Services Agreement (GIS Conversion to ESRI and Mapping Support)

R:\WON JOB No ISSUES\ESRI\BOD memos\02-21-23 BOD memo GHD contract.doc

RECOMMENDED ACTION: That the Board authorize the General Manager to execute an agreement with GHD for consulting services to convert the District's GIS data to the ESRI platform and develop an updated system distribution map.

FINANCIAL IMPACT: \$31,915 included in the current FY 22/23 budget

Background

Staff currently uses a geographic information system (GIS) database to track asset information for nearly all of the District's water distribution infrastructure. Use of GIS technology allows staff to access detailed as-built information for water mains, service laterals, meters, fire hydrants, other appurtenances, and even pressure zone information. The District began using GIS technology in 2012 with a program (Munsys) that integrates directly with engineering design software developed by Autodesk (AutoCAD). This program met the District's needs at the time and simplified the process of converting information from digital base maps and numerous physical drawings into a GIS database with a web-based viewer (Enlighten). While the program continues to meet our basic GIS needs, a number of limitations have become apparent that could be addressed by changing to a different software.

Discussion

The GIS sector has seen vast improvement in technology and user interface over the last decade. There are many different GIS programs in use today, however the program ArcGIS developed by ESRI has emerged as the ubiquitous GIS platform used by utility providers and public works agencies, as well as many other business sectors. A prime example of this can be found with the District's asset management program NextGen. The GIS integration feature within the NextGen program works natively with ArcGIS, but encounters problems when trying to connect to the District's existing GIS program.

By transitioning our GIS database to programs developed by ESRI, the District will be able to leverage the integration capabilities between the asset management and work order

Approved by GM *EM*

Date *2/17/2023*

features within NextGen. Additionally, the County-wide GIS platform known as MarinMap¹ is built on the ArcGIS platform. The District is not currently a participating member of MarinMap, but transitioning to ArcGIS would facilitate simple integration into membership which has numerous benefits to the District and our staff's user experience.

In addition to simplifying program integration and the improved user experience, there is a modest financial savings as well. The District's current GIS program has an annual cost of approximately \$15,000 which covers licensing, software updates and customer support. Assuming similar customer support needs, the estimated annual cost for the District to have the ArcGIS program and a MarinMap membership is \$13,000. These costs do not consider staff time saved by using more intuitive programs that integrate natively.

The scope of services to be provided by GHD under this contract is included as Attachment 1. Funding for this project was not specifically included in the FY 22/23 budget, however staff has identified surplus funding in the approved budget that will not be used for the budgeted purpose during this fiscal year. For this reason, there is available funding in the current fiscal year's approved budget to put towards this contract.

Consulting Agreement

Staff recommends GHD to provide consulting services to convert the District's GIS data onto the ESRI platform, as well as the preparation of a new large-format system distribution map for District use. GHD is a highly regarded firm in the GIS sector as well as an ESRI business partner. Additionally, the GHD staff members assigned to this project have provided quality service to District staff in the past.

Recommendation

That the Board authorize the General Manager to execute an agreement with GHD of Eureka, CA for the conversion of District GIS data to the ESRI platform and develop an updated system distribution map for a not-to-exceed fee of \$31,915.

Attachment 1: Proposed Scope and Fee for GIS Conversion to ESRI and Mapping Support by GHD, dated February 10, 2023

¹www.marinmap.org

Our ref: 12601174

February 10, 2023

Susan Dove
North Marin Water District
999 Rush Creek Place
Novato, CA, 94945

Proposed Scope and Fee for GIS Conversion to Esri and Mapping Support

Dear Ms. Dove

It is my pleasure to present this proposed scope and fee for a Geographic Information System (GIS) conversion to Esri and mapping support for the North Marin Water District (District). Below I have summarized our understanding of the District's needs based on our conference calls on December 7th, 2022 and January 25th 2023.

Project Understanding

The District currently manages its asset data using AutoCAD, and views the asset data using Enlighten. The District would like to transform from an AutoCAD based system to GIS based system, specifically the industry leading spatial software platform created by Esri including ArcGIS Pro and ArcGIS Online. By acquiring a license for Esri GIS desktop software, the District can take advantage of resources and tools not currently available within AutoCAD, manage their data in new ways including online through a web-browser and through mobile access, and facilitate future system map updates. Additionally, conversion to this GIS data format will integrate well with Marin Map should that become a priority for the District.

Currently, District staff rely on a static printed wall-size map that shows the location of the District's water lines, tanks, reservoirs, and stations, as well as roads, parcel boundaries, and waterways. The current pdf map was developed in AutoCAD, but the District would like to update the map, by developing and adding new contextual and informational layers and by improving the cartographic display of the data. Updates to the water assets, facilitated by Esri desktop software, and conversion to GIS data format will continue to be compatible with water modeling software such as InfoWorks.

Scope of Work

Task 1 – Project management

This includes project administration, internal and external coordination, kick-off and review meetings and quality control progress reports to be provided monthly or while activity is occurring. Progress reports will outline works completed and any issues identified, or changes proposed on the schedule or deliverables.

- Deliverable(s):
 - Attend one (1) virtual kick-off meeting with District staff
 - Monthly progress statements

Task 2 – Data conversion, topology, and creation

GHD will load and convert the District’s existing data into the Esri Local Government Information Model (LGIM). GHD utilizes the LGIM as a template for municipal system GIS data. All existing digital attribute information will be preserved.

GHD will then review the data for topological errors and adjust feature locations. District will provide guidance on which features should not be adjusted, i.e. moving a valve point vs moving a line vertex.

GHD will also create polygon features for each elevation zone in the district.

- Assumption(s):
 - District data will be provided in shapefile format (this includes .shp, .shx, .prj, .dbf files at a minimum) or AutoCAD drawing format (.dwg)
 - Manual data entry from AutoCAD annotation or other data updates are not included in this scope
 - Field verification of datasets is not included in this scope
- Deliverable(s):
 - One (1) Geodatabase (.gdb) file

Task 3 – Distribution map development

Using the GIS data developed in the previous task, GHD will create a large-format pdf wall map and a multi-page map series. GHD will meet with the District to develop a list of layers, preferred symbology, and page layout.

- Assumption(s):
 - This scope allows for one (1) round of map review and edits for each map
 - This scope does not include print or delivery of hard copy maps
- Deliverable(s):
 - One (1) pdf map size 32" x 48" or NMWD size preference
 - One (1) pdf multi-page map series size 8.5" x 11" or NMWD size preference
 - One (1) map package containing the map files used to create the pdf maps

Task 4 – Esri Project Delivery Subscription

GHD will coordinate with Esri to implement a one-year subscription to an Esri ArcGIS Online environment for the District, including a GIS Professional Basic subscription and an additional ArcGIS Online Viewer account.

- Assumption(s):
 - GHD will be available for 20 hours of on-call technical support
- Deliverable(s):
 - One year subscription to Esri ArcGIS Online

Schedule

GHD anticipates the completion of the above tasks by February 5th, 2024.

Fee

Please see detailed fee schedule below for staff and hours. The total fee estimate is \$31,915.



North Marin Water District GIS Conversion to Esri and Mapping Support
12601174

Description	Project Manager	GIS Analyst	Project Director	Total Hours	Labor Total	Esri PDS and GIS Professional Basic	Disb. Fee	Total Disb.	Estimated Project Total
	\$220.0	\$180.0	\$290.0						
Task1	16	1	4	21	\$4,860	\$0	\$137	\$137	\$4,997
Subtask 1.1 Project management	16	1	4	21	\$4,860	\$0	\$137	\$137	\$4,997
Task2	8	52	0	60	\$11,120	\$0	\$390	\$390	\$11,510
Subtask 2.1 CAD to GIS data conversion	2	24	0	26	\$4,760	\$0	\$169	\$169	\$4,929
Subtask 2.2 Data topology adjustments	4	16	0	20	\$3,760	\$0	\$130	\$130	\$3,890
Subtask 2.3 Data creation	2	12	0	14	\$2,600	\$0	\$91	\$91	\$2,691
Task3	8	40	0	48	\$8,960	\$0	\$312	\$312	\$9,272
Subtask 3.1 Distribution map development	8	40	0	48	\$8,960	\$0	\$312	\$312	\$9,272
Task4	4	20	0	24	\$4,480	\$1,500	\$156	\$1,656	\$6,136
Subtask 4.1 Esri Project Delivery Subscription	4	0	0	4	\$880	\$1,500	\$26	\$1,526	\$2,406
Subtask 4.2 On-call technical support	0	20	0	20	\$3,600	\$0	\$130	\$130	\$3,730
Total Labor Hours	36	113	4						
Estimated Project Total	\$7,920	\$20,340	\$1,160	153	\$29,420	\$1,500	\$995	\$2,495	\$31,915

Closing

Through this project, GHD hopes to improve the GIS the District relies upon, and to assist the District in a transition to an ESRI GIS based system.

If you have any questions or comments regarding this proposal, please feel free to call Julia Clark at 707-267-2267.

Regards

Julia Clark
Project Manager
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**MEMORANDUM**

To: Board of Directors

February 21, 2023

From: Tony Williams, General Manager *TW*Subj: Consider a 4:00 p.m. Convening Time for Board of Directors Meetings
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RECOMMENDED ACTION: Consider Approving a 4:00 p.m. convening time for Board of Directors Meetings and approving a revised 2023 Schedule of Board of Directors Meetings reflecting the new time.

FINANCIAL IMPACT: None at this time

The Regular Meetings of the Board of Directors are typically held on the first and third Tuesday of each month with some exceptions due to holidays and other specific needs of the District such as budget hearings. The scheduled convening time for the meetings has changed over the years and is currently shown on the adopted 2023 meeting schedule for 6:00 p.m. At the December 20, 2022 Board meeting, President Fraites announced a desire to consider meeting at 4:00 p.m. in lieu of 6:00 p.m. There are obvious pros and cons for an earlier meeting time but note that several other agencies in Marin County meeting earlier than 6:00 p.m. Specifically, the Las Gallinas Valley Sanitary District Board meets at 4:00 p.m. and the Ross Valley Sanitary District Board meets at 5:00 p.m. The County of Marin Board of Supervisors meet at 9 a.m. as does the Inverness Public Utilities District; the Novato Fire Protection District Board meets at 10 a.m.

Staff recommends approving this time change, beginning with the second March meeting, March 21, 2023, as shown on the attached revised schedule. The Board may set a different convening time for future public hearings, special meetings, or other unscheduled meetings as desired.

RECOMMENDATION

Approve a revised 2023 Schedule for Board of Directors Meetings showing a 4:00 p.m. convening time, beginning with the March 21, 2023 meeting.

ATTACHMENT

1. Revised 2023 Schedule for Board of Directors Meetings

REVSIED 2023 SCHEDULE
NORTH MARIN WATER DISTRICT
BOARD OF DIRECTORS MEETINGS

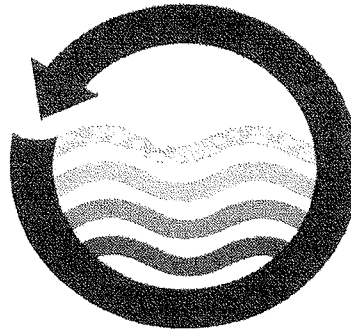
MONTH	DATE	TIME
January	3 (Tentative)	6:00 p.m.
	17	6:00 p.m.
February	7	6:00 p.m.
	21	6:00 p.m.
March	7	6:00 p.m.
	21	4:00 p.m.
April	4	4:00 p.m.
	18	4:00 p.m.
May	2	4:00 p.m.
	16	4:00 p.m.
June	6	4:00 p.m.
	13 (Tentative) Budget	4:00 p.m.
	20 (Point Reyes)	4:00 p.m.
July	18	4:00 p.m.
August	1 (Tentative)	4:00 p.m.
	15	4:00 p.m.
September	5 (Tentative)	4:00 p.m.
	19	4:00 p.m.
October	3	4:00 p.m.
	17	4:00 p.m.
November	7	4:00 p.m.
	21	4:00 p.m.
December	5	4:00 p.m.
	19	4:00 p.m.

All Board meetings are typically held the first and third Tuesday of the month at the District's Office in Novato, except one meeting to be scheduled in West Marin (and any others on an 'as-needed' basis).

If you would like information regarding agenda items, please contact District Secretary Eileen Mulliner at (415) 761-8921.

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NORTH MARIN WATER DISTRICT



FINANCIAL STATEMENT FISCAL YEAR 2022-23

December 31, 2022

**NORTH MARIN WATER DISTRICT
FINANCIAL STATEMENTS
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MEMORANDUM

To: Tony Williams, General Manager

February 15, 2023

From: Reviewed by: Julie Blue, Auditor-Controller

Prepared by: Nancy Williamson, Accounting Supervisor and Ling Reilly, Senior Accountant

Subj: Information – FY22/23 December Financial Statement

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FISCAL YEAR PERFORMANCE COMPARED TO THE ANNUAL BUDGET

<u>CONSOLIDATED SUMMARY</u>	Dec-22	FY22/23	FY22/23	FYTD /
Actual vs. Budget	Actual	Actual YTD	Budget	Budget %
Operating Revenue	\$1,698,524	\$13,273,782	\$25,510,000	52%
Operating Expense	1,841,869	12,067,362	23,093,000	52%
Non-Operating Revenue / (Expense)	84,638	293,159	(1,519,000)	(19%)
Net Income / (Loss)	(\$58,706)	\$1,499,579	\$898,000	167%
Other Sources / (Uses)*	(193,889)	(3,625,075)	(3,823,000)	95%
Cash Increase / (Decrease)	(\$252,596)	(\$2,125,496)	(\$2,925,000)	73%

* See Page 8.

For the first six months of the fiscal year 2022-2023, the District generated a net income of \$1,499,579 and saw a net cash decrease of \$2,125,496. On a seasonally adjusted basis, Operating Revenue came in 7% under budget and Operating Expense came in 2% over budget. \$4,004,723 (21%) of the Capital Improvement Projects Budget was expended this fiscal year to date. At month end the ratio of total cash to budgeted annual operating expense (sans depreciation) stood at 224%.

**SUMMARY INCOME STATEMENTS BY SERVICE AREA
PRESENTED IN ACCORDANCE WITH GENERALLY ACCEPTED ACCOUNTING PRINCIPALS**

<u>NOVATO WATER</u>	Dec-22	FY22/23	FY21/22	FY23 vs 22
Year over Year Comparison	Actual	Actual YTD	Actual YTD	Up/(Down)
Operating Revenue	\$1,566,415	\$11,563,239	\$10,813,159	7%
Operating Expense	1,618,088	10,577,002	10,294,688	3%
Other Income / (Expense)	67,104	347,531	(12,561)	-
Net Income / (Loss)	\$15,430	\$1,333,768	\$505,911	164%
Active Accounts	20,801	20,801	20,663	(1%)
Consumption (MG)	147	1,149	1,090	5%
Average Commodity Rate / 1,000 gal	\$6.86	\$7.03	\$7.05	(0%)
Income / (Loss) / Active Account	\$0.74	\$64.12	\$24.48	162%
Income / (Loss) / 1,000 Gal	\$0.10	\$1.16	\$0.46	0%
Connection Fee Revenue	\$56,620	\$172,420	\$811,780	(79%)
FRC Transfer (to)/from Recycled Water	(\$232,174)	(\$518,146)	(\$518,146)	0%
Caltrans Capital Contribution	\$0	\$0	\$8,415	0%
MMWD AEEP Capital Contribution	\$0	\$0	\$0	0%
Developer 'In-Kind' Contributions	\$8,555	\$479,535	\$332,549	44%

Consumption for the fiscal year to date was 5% more than the prior year same period. Total operating revenue, which includes wheeling and other miscellaneous service charges, increased \$750,081 from the prior year same period. Included in the above charges is a drought surcharge of 5% for all customers. Total operating expense was \$282,314 more than last year.

The Stafford Treatment Plant produced 266 MG this fiscal year-to-date at a cost of \$4,829/MG¹ versus \$3,382/MG³ from SCWA. The budget for Stafford is 500 MG at a cost of \$4,365/MG.

The fiscal year net income (which includes non-operating items such as interest revenue and expense) of \$1,333,458 compares to a budgeted net income for the year of \$1,098,000 and to a net income of \$505,911 for the prior year. \$3,627,264 (22%) of the Novato Water Capital Improvement Project Budget was spent versus \$1,704,720 (20%) for the prior year. \$172,420 in connection fees have been collected (\$872,000 is budgeted). Connection Fee reserves totaling \$518,146 were transferred this fiscal year from the Novato Water Fund to the Recycled Water Fund. The Novato Connection Fee Reserve has a net deficit of \$7,927,021 arising from transfers to the RW Fund in advance of Connection Fee receipts. This is up from a net deficit of \$5,390,786 last year. That deficit will be reimbursed by future Connection Fee revenue. The Novato cash balance decreased \$165,938 in December, and stood at \$34,514,294 at month end, compared to a budgeted projection of \$16,319,000 at fiscal year-end.

<u>NOVATO RECYCLED</u>	Dec-22	FY22/23	FY21/22	FY23 vs 22
Year over Year Comparison	<u>Actual</u>	<u>Actual YTD</u>	<u>Actual YTD</u>	<u>Up/(Down)</u>
Operating Revenue	\$34,102	\$1,001,303	\$950,395	4%
Operating Expense	101,531	789,382	684,221	15%
Other Income / (Expense)	13,917	(61,234)	(98,623)	(38%)
Net Income / (Loss)	<u>(\$53,512)</u>	<u>\$150,687</u>	<u>\$167,551</u>	(10%)
Active Accounts	100	100	96	4%
Consumption (MG)	3	132	132.9	(1%)
Average Commodity Rate / 1,000 gal (net)	\$7.01	\$6.96	\$6.61	5%
Deer Island Production (MG)	0.0	0.0	0.0	-
Novato Sanitary Production (MG)	0.0	113.8	117.2	(3%)
Las Gallinas Production (MG)	0.3	30.2	26.2	15%
Potable Water Input (MG)	1.1	4.1	3.0	37%
Connection Fee Alloc from Novato	\$232,174	\$518,146	\$518,146	0%
Developer 'In-Kind' Contributions	\$0	\$0	\$0	-
RW Costs	\$2,427	\$244,132	\$174,991	40%

132.0 MG was delivered to RW customers this fiscal year to date, 1% less than the prior year. Operating revenue was 4% more than last year. Total operating expense was 15% more than the prior year. The recycled water was produced at a cost of \$2,143/MG² (including potable water consumed) versus \$3,382/MG³ from SCWA. The budgeted production cost of recycled water is \$2,827/MG.

The fiscal year net income of \$150,687 compares to a budgeted net loss for the year of \$389,000 and a net income of \$167,551 for the prior year. \$0 (0%) of the Recycled Water Capital Improvement Project Budget was spent versus \$28,857 (29%) for the prior year.

The Novato Recycled cash balance stood at \$6,937,997 at month end, \$3.5M of which amount resides in restricted reserves for debt service, the Deer Island Facility Replacement Fund and the Recycled Water Capital Replacement and Expansion Fund.

¹ Stafford production cost = TP op expense (\$906,737) + SRF loan interest (\$82,626) + plant depreciation (\$295,085)/266 MG produced

² Recycled Water production cost = purchased water cost (\$244,132) + treatment expense (\$0) + Deer Island RW Facility SRF loan interest (\$15,284) + Deer Island plant depreciation (\$57,960)/148.1 MG produced

³ SCWA production cost per MG = O&M charge (\$2,753) + debt service charge (\$232) + Russian River conservation charge (\$354) + Russian River projects charge (\$43)

<u>WEST MARIN WATER</u>	Dec-22	FY22/23	FY21/22	FY23 vs 22
Year over Year Comparison	<u>Actual</u>	<u>Actual YTD</u>	<u>Actual YTD</u>	<u>Up/(Down)</u>
Operating Revenue	\$72,628	\$556,960	\$522,626	7%
Operating Expense	78,263	558,036	448,205	25%
Other Income / (Expense)	568	1,059	27,079	(96%)
Net Income / (Loss)	<u>(\$5,067)</u>	<u>(\$17)</u>	<u>\$101,499</u>	-
Active Accounts	792	792	789	0%
Consumption (MG)	4	33.2	28.5	16%
Average Commodity Rate / 1,000 gal (net)	\$12.70	\$12.86	\$14.12	(9%)
Income/ (Loss) / Active Account	(\$6.40)	(\$0.02)	\$128.64	-
Income / (Loss) / 1,000 Gal	(\$1.31)	(\$0.00)	\$3.56	-
Connection Fee Revenue	\$0	\$0	\$38,800	(100%)
Developer 'In-Kind' Contributions	\$0	\$48,166	\$3,659	1216%

Consumption for the fiscal year was 16% more than the prior year. Operating revenue was 7% more than last year.

Operating expenditures were \$109,831, or 25% more than the previous year. The fiscal year net loss of \$17 compares to a budgeted annual net income of \$129,000 and to a net income of \$101,499 for the prior year. \$315,940 (49%) of the Capital Improvement Project Budget was expended this fiscal year, and \$0 in connection fees have been collected (\$0 is budgeted). The West Marin cash balance decreased \$5,198 in December and stood at \$587,381 at month end, compared to a budgeted projection of \$934,000 at fiscal year-end.

<u>OCEANA MARIN SEWER</u>	Dec-22	FY22/23	FY21/22	FY23 vs 22
Year over Year Comparison	<u>Actual</u>	<u>Actual YTD</u>	<u>Actual YTD</u>	<u>Up/(Down)</u>
Operating Revenue	\$25,380	\$152,280	\$145,230	5%
Operating Expense	43,987	142,942	153,677	(7%)
Other Income / (Expense)	3,049	5,804	36,579	(84%)
Net Income / (Loss)	<u>(\$15,557)</u>	<u>\$15,141</u>	<u>\$28,133</u>	(46%)
Active Accounts	235	235	235	0%
Monthly Sewer Service Charge	\$108	\$108	\$103.00	5%
Income / (Loss) / Active Account	(\$66.20)	\$64.43	\$119.71	-
Connection Fee Revenue	\$0	\$0	\$0	-

Operating revenue of \$152,280 was 5% more than the previous year due to the 5% rate increase effective July 1, 2022. Operating expenditures were 7%, or \$10,734 less than the previous year. The fiscal year net income of \$15,141 compares to a budgeted annual net income of \$102,000 and to a net income of \$28,133 for the prior year. \$61,519 (4%) of the Capital Improvement Project Budget has been expended this fiscal year.

No connection fees have been collected (\$0 is budgeted). The Oceana Marin cash balance increased \$113,397 in December and stood at \$492,707 at month end, compared to a budgeted projection of \$297,000 at June 30, 2023.

**NORTH MARIN WATER DISTRICT
STATEMENT OF NET POSITION
FOR THE PERIOD ENDING DECEMBER 31, 2022**

	TOTAL	NOVATO WATER	NOVATO RECYCLED	WEST MARIN WATER	OCEANA MARIN SEWER
ASSETS					
Cash & Investments					
Unrestricted/Undesignated Cash	\$6,424,479	\$2,588,027	\$3,180,181	\$237,830	\$418,441
Restricted Cash (Note 1)					
Connection Fee Fund	\$0	\$0	\$0	\$0	\$0
Deer Island RWF Replacement Fund	215,000	0	215,000	0	0
Capital Replacement & Expansion Fund	2,417,211	0	2,417,211	0	0
Tax Receipts Held in Marin Co Treasury	0	0	0	0	0
STP SRF Reserve-Marine Co Treasury	1,044,474	1,044,474	0	0	0
RWS North/South SRF Reserve Fund	614,299	0	614,299	0	0
RW Central Area SRF Reserve Fund	275,773	0	275,773	0	0
DL Falk Const Escrow Acct	109,260	109,260	0	0	0
Designated Cash (Note 2)					
Liability Contingency Fund	1,705,370	1,606,485	0	98,885	0
Workers' Compensation Fund	20,125	18,659	534	666	266
Retiree Medical Benefits Fund	4,343,600	4,343,600	0	0	0
Maintenance Accrual Fund	4,000,000	4,000,000	0	0	0
Operating Reserve Fund	6,339,000	5,780,000	235,000	250,000	74,000
Webster Bank-Admin Bldg/CIP Fund	15,521,939	15,521,939	0	0	0
Total Cash	\$43,030,530	\$35,012,445	\$6,937,997	\$587,381	\$492,707
Gain/(Loss) on MV of Investments	(\$497,840.28)	(\$497,840)	\$0	\$0	\$0
Market Value of Cash & Investments	\$42,532,690	\$34,514,605	\$6,937,997	\$587,381	\$492,707
Current Assets					
Net Receivables - Consumers	\$931,566	\$797,282	\$68,013	\$81,500	(\$15,228)
Accrued Water Sales	1,582,186	1,479,511	7,677	94,997	0
Accounts Receivable-Other	377,350	206,310	19,059	(300)	152,280
Prepaid Expense	736,415	736,417	0	0	(2)
Reimbursable Small Jobs	1,335	1,335	0	0	0
Interest Receivable	280,368	280,368	0	0	0
Inventories	818,895	818,895	0	0	0
Deposits Receivable	23,114	23,114	0	0	0
Total Current Assets	\$4,751,228	\$4,343,232	\$94,749	\$176,198	\$137,050

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**NORTH MARIN WATER DISTRICT
STATEMENT OF NET POSITION
FOR THE PERIOD ENDING DECEMBER 31, 2022**

	<u>TOTAL</u>	<u>NOVATO WATER</u>	<u>NOVATO RECYCLED</u>	<u>WEST MARIN WATER</u>	<u>OCEANA MARIN SEWER</u>
Loans Receivable					
Employee Loans (Note 3)	250,000	\$250,000	\$0	\$0	\$0
Other Long Term Receivables (Note 4)	4,292,869	3,163,315	1,112,201	17,353	0
Loans Receivable	\$4,542,869	\$3,413,315	\$1,112,201	\$17,353	\$0
Property and Plant					
Land & Land Rights	\$1,493,091	\$1,368,872	\$0	\$123,411	\$808
Dam, Lake, & Source Facilities	5,675,845	5,183,433	0	492,412	0
Treatment Facilities	23,012,983	19,003,260	2,666,198	485,163	858,362
Storage Facilities	26,174,758	20,962,751	1,643,458	3,568,548	0
Transmission Facilities (16"+)	29,503,127	29,380,803	0	122,324	0
Distribution and Pumping Facilities	110,617,900	72,685,733	31,863,471	6,068,695	0
Sewer Mains, Pumps, & Laterals	1,267,600	0	0	0	1,267,600
Sub-Total	\$197,745,304	\$148,584,853	\$36,173,127	\$10,860,553	\$2,126,771
Less Accumulated Depreciation (Note 5)	(68,888,888)	(56,820,771)	(6,215,170)	(4,647,094)	(1,205,854)
Net Property and Plant	\$128,856,416	\$91,764,082	\$29,957,958	\$6,213,459	\$920,917
Buildings and Equipment (Note 6)					
Buildings	\$2,119,365	\$2,119,365	\$0	\$0	\$0
Office Equipment	1,239,206	1,239,206	0	0	0
Laboratory Equipment	323,072	323,072	0	0	0
Trucks & Automobiles	1,825,516	1,825,516	0	0	0
Construction Equipment	974,333	974,333	0	0	0
Tools, Shop Equipment	347,955	347,955	0	0	0
Lease Assets	587,691	587,691	0	0	0
Sub-Total	\$7,417,138	\$7,417,138	\$0	\$0	\$0
Less Accumulated Depreciation (Note 5)	(5,390,121)	(5,390,121)	0	0	0
Net Buildings and Equipment	\$2,027,017	\$2,027,017	\$0	\$0	\$0
Construction In Progress					
Developer	\$1,517,245	\$1,456,668	\$0	\$60,577	\$0
District	10,840,474	8,215,633	89,594	2,151,066	384,180
Total Construction in Progress	12,357,719	9,672,302	89,594	2,211,643	384,180
Net Utility Plant	143,241,153	103,463,401	30,047,552	8,425,102	1,305,097
Deferred Outflow of Resources-GASB68	2,769,512	2,769,512	0	0	0
Deferred Outflow of Resources-GASB75	28,485	28,485	0	0	0
TOTAL ASSETS	\$197,865,937	\$148,532,549	\$38,192,500	\$9,206,035	\$1,934,854

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**NORTH MARIN WATER DISTRICT
STATEMENT OF NET POSITION
FOR THE PERIOD ENDING DECEMBER 31, 2022**

	<u>TOTAL</u>	<u>NOVATO WATER</u>	<u>NOVATO RECYCLED</u>	<u>WEST MARIN WATER</u>	<u>OCEANA MARIN SEWER</u>
LIABILITIES AND NET ASSETS					
Current Liabilities					
Trade Accounts Payable	\$1,470,912	\$1,416,842	\$54,070	\$0	\$0
Reimbursement Prog. Unclaimed Funds	386,136	365,886	0	20,250	0
Loan Debt Principal Payable-Current	1,390,486	447,507	942,978	0	0
Bank of Marin Principal Payable-Current	415,948	362,696	0	53,252	0
JP Morgan/Chase AMI Loan-Current	280,000	280,000	0	0	0
Webster Bank-Admin Bldg/CIP Loan-Curren	879,669	879,669	0	0	0
Accrued Interest Payable-SRF Loan	46,074	2,611	43,463	0	0
JP Morgan/Chase AMI Loan Interest Payable	31,794	31,794	0	0	0
Webster Bank Loan Interest Payable	155,500	155,500	0	0	0
Deposits/Performance Bonds	416,752	383,921	0	29,831	3,000
Unemployment Insurance Reserve (Note 8)	25,353	25,353	0	0	0
Workers' Comp Future Claims Payable	20,125	18,659	534	666	266
Payroll Benefits (Note 9)	1,015,986	923,999	38,616	41,139	12,232
Enterprise Vehicle Leases	57,278	57,278	0	0	0
Lease Liability-Current	283,331	283,331	0	0	0
Deferred Revenue	152,280	0	0	0	152,280
Total Current Liabilities	\$7,027,624	\$5,635,047	\$1,079,661	\$145,139	\$167,778
Restricted Liabilities					
Construction Advances	\$409,064	\$297,139	\$0	\$111,925	\$0
Total Restricted Liabilities	\$409,064	\$297,139	\$0	\$111,925	\$0
Long Term Liabilities (Note 7)					
JP Morgan/Chase AMI Loan Payable	\$3,275,000	\$3,275,000	\$0	\$0	\$0
Webster Bank-Admin Bldg/CIP Loan Payab	19,120,331	19,120,331	0	0	0
WM Loan from Novato	1,000,000	0	0	1,000,000	0
STP Rehab SRF Loan	5,806,044	5,806,044	0	0	0
RWF SRF Loan	1,030,881	0	1,030,881	0	0
RWS North/South Expansion SRF Loan	4,949,207	0	4,949,207	0	0
RWS Central Expansion SRF Loan	5,858,350	0	5,858,350	0	0
Bank of Marin Loan	3,792,252	3,306,844	0	485,408	0
Enterprise Vehicle Leases	254,267	254,267	0	0	0
Lease Liability	66,841	66,841	0	0	0
Net Pension Liability	9,267,034	9,267,034	0	0	0
Total OPEB Liability (Note 2)	4,343,600	4,343,600	0	0	0
Total Long Term Liabilities	\$58,763,807	\$45,439,960	\$11,838,439	\$1,485,408	\$0
Deferred Inflow of Resources-GASB 68	8,578,329	8,578,329	0	0	0
Deferred Inflow of Resources-GASB 75	249,134	249,134	0	0	0
Deferred Inflow of Resources-Leases	370,553	\$354,859	0	\$15,694	0
TOTAL LIABILITIES	\$75,398,511	\$60,554,468	\$12,918,100	\$1,758,166	\$167,778

**NORTH MARIN WATER DISTRICT
STATEMENT OF NET POSITION
FOR THE PERIOD ENDING DECEMBER 31, 2022**

	<u>TOTAL</u>	<u>NOVATO WATER</u>	<u>NOVATO RECYCLED</u>	<u>WEST MARIN WATER</u>	<u>OCEANA MARIN SEWER</u>
Net Assets					
Invested in Capital Assets					
Contributions in Aid of Construction	\$87,614,488	\$78,925,680	\$5,810,128	\$2,198,925	\$679,755
Grants in Aid of Construction	13,922,156	426,448	10,108,537	3,287,752	99,418
Connection Fees	47,056,289	31,783,839	12,084,852	2,468,486	719,112
Total Investment	\$148,592,933	\$111,135,968	\$28,003,518	\$7,955,163	\$1,498,284
Restricted Reserves					
Connection Fee Fund	(\$9,089,432)	(\$7,927,021)	\$0	(\$936,995)	(\$225,416)
Deer Island RWF Replacement Fund	215,000	0	215,000	0	0
Capital Replacement & Expansion Fund	2,417,211	0	2,417,211	0	0
RWS North/South SRF Reserve Fund	614,299	0	614,299	0	0
RW Central Area SRF Reserve Fund	275,773	0	275,773	0	0
Designated Reserves					
Liability Contingency Fund	1,705,370	1,606,485	0	98,885	0
Maintenance Accrual Fund	4,000,000	4,000,000	0	0	0
Retiree Medical Benefits Fund	2,759,513	2,759,513	0	0	0
Operating Reserve Fund	6,339,000	5,780,000	235,000	250,000	74,000
Webster Bank-Admin Bldg/CIP Reserve	15,521,939	15,521,939	0	0	0
Earned Surplus - Prior Yrs	(54,907,311)	(48,819,123)	(6,625,087)	127,832	409,067
Net Income/(Loss)	1,499,579	1,333,768	150,687	(17)	15,141
Transfer (To)/From Reserves (see below)	2,523,554	2,586,554	(12,000)	(47,000)	(4,000)
Total Restricted & Designated	(\$26,125,506)	(\$23,157,885)	(\$2,729,118)	(\$507,295)	\$268,792
TOTAL NET POSITION	\$122,467,427	\$87,978,082	\$25,274,400	\$7,447,869	\$1,767,076
Transfer (To)/From Reserves					
Connection Fee	\$0	\$0	\$0	\$0	\$0
Liability Reserve	0	0	0	0	0
Capital Replacement & Expansion Fund	0	0	0	0	0
Maintenance Reserve	0	0	0	0	0
RWF Replacement Fund	0	0	0	0	0
Retiree Medical Insurance Fund	0	0	0	0	0
(Gain)/Loss WC Fund	0	0	0	0	0
Bank of Marin Project Fund	0	0	0	0	0
Operating Reserve Fund	(120,000)	(57,000)	(12,000)	(47,000)	(4,000)
Trsf to Webster Bank-Admin Bldg/CIP Func	2,643,554	2,643,554	0	0	0
Total Transfer	\$2,523,554	\$2,586,554	(\$12,000)	(\$47,000)	(\$4,000)
TOTAL LIABILITIES AND FUND BALANCE	\$197,865,938	\$148,532,550	\$38,192,500	\$9,206,035	\$1,934,854

**NORTH MARIN WATER DISTRICT
SOURCES AND USES OF FUNDS STATEMENT - ALL SERVICE AREAS COMBINED
FOR THE PERIOD ENDING DECEMBER 31, 2022**

	YTD Actual	Annual Budget	YTD/ Budget %	Prior YTD Actual
OPERATING REVENUE				
Water Sales	\$9,433,947	\$19,105,000	49%	\$8,970,785
Bimonthly Service Charge	3,483,660	5,718,000	61%	3,140,786
Sewer Service Charge	152,280	306,000	50%	145,230
Wheeling & Misc Service Charges	203,894	381,000	54%	174,606
TOTAL OPERATING REVENUE	\$13,273,782	\$25,510,000	52%	\$12,431,408
OPERATING EXPENDITURES				
Source of Supply	\$3,085,749	\$6,182,000	50%	\$3,334,230
Pumping	266,025	627,000	42%	243,248
Operations	509,250	1,120,000	45%	489,553
Water Treatment	1,382,357	2,802,000	49%	1,106,241
Sewer Service	91,635	195,000	47%	106,240
Transmission & Distribution	1,833,886	3,898,000	47%	1,786,522
Consumer Accounting	239,001	508,000	47%	207,596
Water Conservation	198,005	462,000	43%	237,105
General & Administrative	2,173,590	3,222,000	67%	2,113,399
Depreciation	2,287,864	4,077,000	56%	1,956,712
TOTAL OPERATING EXPENDITURES	\$12,067,362	\$23,093,000	52%	\$11,580,845
NET OPERATING INCOME (LOSS)	\$1,206,420	\$2,417,000	50%	\$850,562
NON-OPERATING REVENUE/(EXPENSE)				
Tax Proceeds	\$0	\$123,000	0%	\$66,388
Interest Revenue	630,453	332,000	190%	155,111
Miscellaneous Revenue	250,726	142,000	177%	81,066
Bond & Loan Interest Expense	(527,179)	(1,119,000)	47%	(347,757)
Miscellaneous Expense	(60,841)	(590,000)	10%	(2,333)
Capital Contribution Expense-NSD & LGVSD	0	(407,000)	0%	0
TOTAL NON-OP REVENUE/(EXPENSE)	\$293,159	(\$1,519,000)	-19%	(\$47,525)
NET INCOME/(LOSS)	\$1,499,579	\$898,000	167%	\$803,038
OTHER SOURCES/(USES) OF FUNDS				
Add Depreciation Expense	\$2,287,864	\$4,077,000	56%	\$1,956,712
Connection Fees	172,420	902,000	19%	850,580
Loan Proceeds	0	12,150,000	0%	0
Grant Proceeds	11,151	1,300,000	1%	0
Marin County Club Loan Principal Pmts	23,183	39,000	59%	18,776
Caltrans AEEP Capital Contribution	0	0	-	8,415
MMWD AEEP Capital Contribution	0	205,000	0%	0
Transfers In from Capital Expansion Fund	0	350,000		
Capital Equipment Expenditures	(194,850)	(557,000)	35%	(89,802)
Capital Improvement Projects	(4,004,723)	(18,899,000)	21%	(1,955,885)
Lease Assets Acquisition	0	0	-	0
Bond & Loan Principal Payments	(1,236,250)	(3,459,000)	36%	(1,057,152)
Change in Working Capital	(683,870)	69,000		1,241,819
TOTAL OTHER SOURCES/(USES)	(\$3,625,075)	(\$3,823,000)	95%	\$973,463
CASH INCREASE/(DECREASE)	(\$2,125,496)	(\$2,925,000)	73%	\$1,776,501

**NORTH MARIN WATER DISTRICT
INCOME STATEMENT AND CASH FLOW BY SERVICE AREA
FOR THE PERIOD ENDING DECEMBER 31, 2022**

<u>SUMMARY INCOME STATEMENT</u>	TOTAL	NOVATO WATER	NOVATO RECYCLED	WEST MARIN WATER	OCEANA MARIN SEWER
Operating Revenue	\$13,273,782	\$11,563,239	\$1,001,303	\$556,960	\$152,280
Operating Expense	12,067,362	10,577,002	789,382	558,036	142,942
OPERATING INCOME/(LOSS)	\$1,206,420	\$986,238	\$211,921	(\$1,077)	\$9,338
Non-Operating Revenue/(Expense)	293,159	347,531	(61,234)	1,059	5,804
NET INCOME/(LOSS)	\$1,499,579	\$1,333,768	\$150,687	(\$17)	\$15,141
CAPITAL CONTRIBUTIONS					
Developer In-Kind Contributions	\$527,701	\$479,535	\$0	\$48,166	\$0
Caltrans AEEP Capital Contributions	0	0	0	0	0
Connection Fees	172,420	172,420	0	0	0
Cal OES & CA Dept of Water Resources Grants	11,151	0	0	0	11,151
FRC Transfer	0	(518,146)	518,146	0	0
CAPITAL CONTRIBUTIONS	\$711,271	\$133,809	\$518,146	\$48,166	\$11,151
Prior Period Adjustments	0	0	0	0	0
CHANGE IN NET POSITION	\$2,210,850	\$1,467,577	\$668,832	\$48,149	\$26,292
Net Position June 30, 2022	120,256,577	86,510,505	24,605,568	7,399,720	1,740,784
Net Position December 31, 2022	\$122,467,427	\$87,978,082	\$25,274,400	\$7,447,869	\$1,767,076
CASH FLOW STATEMENT					
Net Income/(Loss)	\$1,499,579	\$1,333,768	\$150,687	(\$17)	\$15,141
Add back Depreciation	2,287,864	1,735,479	394,256	134,758	23,372
Cash Generated From Operations	\$3,787,443	\$3,069,248	\$544,942	\$134,740	\$38,513
Other Sources (Uses) of Funds					
Connection Fee Revenue	\$172,420	\$172,420	\$0	\$0	\$0
Grant Proceeds	11,151	0	0	0	11,151
Capital Assets Acquisition	(4,199,573)	(3,822,113)	0	(315,940)	(61,519)
Caltrans AEEP Capital Contribution	0	0	0	0	0
Marin Country Club Loan Principal Pmts	23,183	0	23,183	0	0
Principal Paid on Debt	(1,236,250)	(810,975)	(399,230)	(26,045)	0
Consumer Receivables Decr (Incr)	515,461	244,442	267,856	(12,066)	15,228
Construction Advances (Decr) Incr	(335,475)	(285,409)	0	(50,066)	0
Other Assets Decr (Incr)	621,062	680,144	12,916	76,812	(148,811)
Other Liabilities (Decr) Incr	(381,582)	(223,527)	(303,510)	(8,047)	153,502
Trade Accounts Payable (Decr) Incr	(1,103,335)	(1,152,142)	54,070	(5,263)	0
Connection Fee Transfer	0	(518,146)	518,146	0	0
Interdistrict Transfers	0	0	0	0	0
Total Other Sources (Uses)	(\$5,912,939)	(\$5,715,305)	\$173,430	(\$340,616)	(\$30,449)
Net Cash Provided (Used)	(\$2,125,496)	(\$2,646,057)	\$718,372	(\$205,876)	\$8,064
MV Cash & Investments June 30, 2022	\$44,658,187	\$37,160,662	\$6,219,625	\$793,256	\$484,643
MV Cash & Investments Dec 31, 2022	\$42,532,690	\$34,514,605	\$6,937,997	\$587,381	\$492,707

NOVATO WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING DECEMBER 31, 2022

	DEC 2022	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
OPERATING REVENUE				
Water Sales	\$1,011,782	\$8,102,815	49%	\$7,712,567
Bill Adjustments	(3,041)	(29,958)	50%	(35,188)
Bimonthly Service Charges	521,674	3,291,697	62%	2,964,958
Account Turn-on Charges	7,570	43,300	71%	0
New Account Charges	235	2,200	55%	3,045
Returned Check Charges	72	171	14%	90
Hydrant Meter Up/Down Charges	0	300	8%	360
Backflow Service Charges	14,374	85,308	71%	79,914
Lab Service-Outside Clients	214	16,734	64%	16,142
Wheeling Charges - MMWD	13,536	50,671	36%	71,270
TOTAL OPERATING REVENUE	\$1,566,415	\$11,563,239	52%	\$10,813,159
TOTAL EXPENDITURES				
SOURCE OF SUPPLY				
Supervision & Engineering	\$358	\$3,255	36%	\$4,383
Operating Expense - Source	0	1,019	7%	3,519
Maint/Monitoring of Dam	250	19,764	52%	17,058
Maint of Lake & Intakes	0	0	0%	46
Maint of Structures	0	0	0%	0
Maint of Watershed	300	12,829	41%	3,549
Water Quality Surveillance	0	0	0%	412
Fishery Maint	0	0	0%	0
Erosion Control	0	0	0%	0
Purchased Water	337,156	2,794,476	49%	3,078,026
Purchased Water-Backfeed	0	0	-	40,796
GASB68 Adjustment	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
SOURCE OF SUPPLY	\$338,064	\$2,831,343	49%	\$3,147,789
PUMPING				
Maint of Structures & Grounds	\$673	\$16,659	52%	\$14,611
Maint of Pumping Equipment	1,111	6,782	14%	7,073
Electric Power	15,499	204,920	46%	190,380
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
PUMPING	\$17,283	\$228,361	42%	\$212,064
OPERATIONS				
Supervision & Engineering	\$23,852	\$142,748	68%	\$129,162
Operating Expense - Operations	54,658	238,910	63%	240,208
Maintenance Expense	3,403	24,117	38%	31,994
Telemetry Equipment/Controls Maint	10,642	28,198	46%	18,041
Leased Lines	2,195	11,889	59%	9,262
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
OPERATIONS	\$94,749	\$445,861	48%	\$428,667

NOVATO WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING DECEMBER 31, 2022

	DEC 2022	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
WATER TREATMENT				
Supervision & Engineering	\$86,071	\$149,672	80%	\$126,047
Operating Expense - Water Treatment	6,514	206,907	83%	148,464
Purification Chemicals	0	217,227	50%	95,779
Sludge Disposal	2,844	53,818	48%	54,637
Maint of Structures & Grounds	6,296	27,815	34%	52,001
Maint of Purification Equipment	37,356	177,266	80%	130,916
Electric Power	6,036	74,033	47%	53,285
Water Quality Programs	8,073	45,213	55%	45,866
Laboratory Direct Labor	31,901	197,705	42%	185,551
Lab Service-Outside Clients	1,299	16,753	152%	12,927
Water Quality Supervision	5,534	46,048	52%	41,962
Laboratory Supplies & Expense	2,764	48,920	65%	38,033
Customer Water Quality	2,842	21,874	49%	9,970
Lab Cost Distributed	(1,933)	(17,274)	-	(16,354)
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
WATER TREATMENT	\$195,596	\$1,265,977	50%	\$979,084
TRANSMISSION & DISTRIBUTION				
Supervision & Engineering	\$63,639	\$353,835	52%	\$410,482
Maps & Records	12,757	127,114	87%	73,673
Operation of T&D System	20,264	81,835	88%	95,369
Facilities Location	10,560	64,699	47%	71,691
Safety: Construction & Engineering	4,005	24,171	61%	25,958
Customer Service Expense	20,373	124,126	47%	113,093
Flushing	3,432	11,014	22%	3,305
Storage Facilities Expense	9,029	41,735	39%	35,371
Cathodic Protection	(215)	6,079	55%	3,702
Maint of Valves/Regulators	11,231	62,649	41%	110,789
Maint of Mains	17,270	86,137	52%	127,970
Leak Detection - Mains	468	10,425	43%	15,873
Backflow Prevention Program	49,618	208,146	88%	134,605
Maint of Copper Services	22,466	105,038	78%	94,808
Maint of PB Service Lines	29,311	248,693	59%	228,320
Single Service Installations	(11,827)	(6,663)	-8%	(3,511)
Maint of Meters	16,952	62,502	58%	70,579
Detector Check Assembly Maint	11,447	46,797	56%	66,134
Maint of Hydrants	9,120	18,124	23%	36,057
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
TRANSMISSION & DISTRIBUTION	\$299,900	\$1,676,456	46%	\$1,714,265

NOVATO WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING DECEMBER 31, 2022

	DEC 2022	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
CONSUMER ACCOUNTING				
Meter Reading	\$2,062	\$11,855	44%	\$9,884
Collection Expense - Labor	1,285	5,872	24%	0
Collection Expense - Agency	141	235	12%	341
Billing & Consumer Accounting	11,041	73,548	48%	68,519
Contract Billing	1,312	8,027	54%	7,961
Stationery, Supplies & Postage	5,841	35,600	59%	32,572
Online Payment Processing Fees	410	34,053	57%	25,958
Lock Box Service	912	5,472	50%	5,526
Uncollectable Accounts	3,588	13,418	134%	9,438
Office Equipment Expense	520	43,180	67%	41,439
Distributed to West Marin (4.1%)	(859)	(8,613)	54%	(7,835)
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
CONSUMER ACCOUNTING	\$26,254	\$222,645	47%	\$193,802
WATER CONSERVATION				
Residential	\$16,383	\$133,664	50%	\$133,280
Commercial	152	1,854	37%	1,599
Public Outreach/Information	11,481	57,276	52%	81,612
Large Landscape	418	2,211	22%	6,310
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
TOTAL WATER CONSERVATION	\$28,434	\$195,006	44%	\$222,800
GENERAL AND ADMINISTRATIVE				
Directors Fees	\$3,584	\$18,339	40%	\$24,086
Legal Fees	2,745	9,090	29%	\$12,967
Human Resources	12,322	74,305	38%	81,665
Auditing Fees	0	9,636	39%	9,487
Consulting Services/Studies	5,212	53,316	16%	143,195
General Office Salaries	99,065	678,224	54%	640,605
Safety: General District Wide	6,163	20,753	46%	19,390
Office Supplies	1,439	13,227	37%	10,102
Employee Events	644	1,817	15%	3,083
Other Administrative Expense	438	2,494	23%	4,046
Dues & Subscriptions	205	69,269	71%	101,172
Vehicle Expense	676	4,056	51%	4,056
Meetings, Conferences & Training	20,227	91,074	58%	33,120
Recruitment Expense	65	1,314	66%	564
Gas & Electricity	435	4,804	12%	20,917
Telephone	1,465	10,151	65%	4,896
Water	249	855	43%	1,083
Buildings & Grounds Maint	2,096	39,572	124%	34,830
Office Equipment Expense	6,911	85,590	67%	76,969
Insurance Premiums & Claims	13,982	120,402	62%	74,572
Retiree Medical Benefits	17,115	102,827	47%	100,557
(Gain)/Loss on Overhead Charges	28,029	38,906	24%	43,309
G&A Applied to Other Operations (5.9%)	(15,115)	(104,740)	62%	(97,665)
G&A Applied to Construction	(22,876)	(181,664)	50%	(172,228)
GASB75 Adjustment (OPEB)	0	0	-	0
GASB68 Adjustment (Pension)	142,329	812,259	175%	771,959
GENERAL & ADMINISTRATIVE	\$327,405	\$1,975,873	67%	\$1,946,735
Depreciation (Note 5)	290,403	1,735,479	58%	1,449,481
TOTAL OPERATING EXPENSE	\$1,618,088	\$10,577,002	52%	\$10,294,688
OPERATING INCOME/(LOSS)	(\$51,673)	\$986,238	50%	\$518,471

**NOVATO WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING DECEMBER 31, 2022**

	DEC 2022	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
NON-OPERATING REVENUE				
Interest:				
General Funds	(\$110,997)	\$15,298	6%	\$29,290
Retiree Medical Insurance Fund	42,658	72,477	805%	43,591
Interest Revenue-Leases	302	10,794	-	0
Worker's Comp Fund	186	325	-	2,540
Admin Bldg/CIP Project Fund	287,923	404,211	-	0
Aqueduct Energy Efficiency Proj Fund	0	0	0%	0
Funds Held in County Treasury	0	9,721	49%	(5,294)
MMWD Interconnection Agreement Loan	0	52,378		56,418
Total Interest Revenue	\$220,072	\$565,203	202%	\$126,545
Rents & Leases	7,044	53,059	66%	61,297
Other Non-Operating Revenue	71,373	90,881	162%	41,600
Gain/(Loss) on MV of Investments	(143,884)	101,073	-	(27,459)
NON-OPERATING REVENUE	\$154,605	\$810,216	195%	\$201,983
NON-OPERATING EXPENSE				
Bond Interest Expense	\$0	\$0	-	\$0
Bank of Marin AEEP Loan Interest Exp	\$10,544	\$63,503	50%	\$70,448
STP SRF Loan Interest Expense	13,771	82,626	53%	91,140
JP Morgan/Chase AMI Loan Interest Expense	7,969	47,815	50%	51,513
Webster Bank Loan Interest Expense	25,917	207,909	44%	0
Other Non-Operating Expense	29,301	60,833	15%	1,442
GASB68 Adjustment	0	0	-	0
NON-OPERATING EXPENSE	\$87,502	\$462,685	37%	\$214,544
NET INCOME/(LOSS)	\$15,430	\$1,333,768	119%	\$505,911
BEGINNING FUND EQUITY				
		\$86,510,505		\$89,023,591
NET INCOME/(LOSS)	15,430	1,333,768		505,911
CONTRIBUTED CAPITAL				
CDPH Grant	0	0	-	0
SCWA 84 Water Conservation Grant	0	0	-	0
SCWA UFR Water Conservation Grant	0	0	-	0
Developer 'In-Kind' Contributions	8,555	479,535	-	332,549
Caltrans AEEP Capital Contribution	0	0	-	8,415
MMWD AEEP Capital Contribution	0	0	0%	0
Connection Fees	56,620	172,420	20%	811,780
2% @ 55 Fund Interest	0	0	-	0
FRC Transfer to/from Recycled Water	(232,174)	(518,146)	58%	(518,146)
Prior Period Adjustment (Note 12)	0	0	-	0
ENDING FUND EQUITY		\$87,978,082		\$90,164,100

**NOVATO RECYCLED WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING DECEMBER 31, 2022**

	DEC 2022	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
OPERATING REVENUE				
Recycled Water Sales	\$22,602	\$918,465	53%	\$878,397
Bimonthly Service Charges	11,040	66,978	54%	59,838
Water Loads	460	15,860	106%	12,160
TOTAL OPERATING REVENUE	\$34,102	\$1,001,303	53%	\$950,395
OPERATING EXPENSE				
SOURCE OF SUPPLY				
Supervision & Engineering	\$0	\$757	-	\$0
Purchased Water - NSD	1,754	176,975	66%	166,611
Purchased Water - LGVSD	673	66,400	60%	8,380
SOURCE OF SUPPLY	\$2,427	\$244,132	64%	\$174,991
PUMPING				
Maint of Structures & Grounds	\$0	\$0	0%	\$0
Maint of Pumping Equipment	0	0	0%	0
Electric Power	20	1,805	60%	1,957
GASB68 Adjustment (Pension)	0	0	0%	0
PUMPING	\$20	\$1,805	26%	\$1,957
OPERATIONS				
Supervision & Engineering	\$358	\$5,194	39%	\$5,107
Operating Expense - Operations	0	213	2%	433
Potable Water Consumed	15,017	27,578	55%	26,068
Maintenance Expense	0	3,984	48%	1,122
Telemetry Equipment/Controls Maint	0	0	0%	0
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
OPERATIONS	\$15,375	\$36,969	36%	\$32,730
WATER TREATMENT				
Purification Chemicals	\$0	\$0	0%	\$1,073
Maint of Purification Equipment	0	0	0%	689
Electric Power	0	0	0%	2,622
Water Quality Programs	0	0	-	108
Laboratory Direct Labor	0	63	2%	4
Laboratory Supplies & Expense	0	0	-	0
Customer Water Quality	0	0	0%	2
Lab Expense Distributed from Novato	(1)	34	-	2
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
WATER TREATMENT	(\$1)	\$97	0%	\$4,500
TRANSMISSION & DISTRIBUTION				
Supervision & Engineering	(\$52)	\$753	14%	(\$375)
Maps & Records	0	0	0%	0
Operation of T&D System	0	0	0%	0
Facilities Location	0	0	0%	127
Cathodic Protection	0	0	0%	0
Customer Service Expense	290	17,133	129%	17,534
Storage Facilities Expense	18	60	1%	395
Maint of Valves/Regulators	5,782	10,040	115%	0
Backflow Prevention Program	0	0	0%	0
Single Service Installations	0	8,987	-	0
Hydrant Maint & Operations	0	0	0%	0
Maint of Meters	0	0	0%	0
Maint of Mains	1,398	5,389	82%	336
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
TRANSMISSION & DISTRIBUTION	\$7,436	\$42,360	57%	\$18,017

**NOVATO RECYCLED WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING DECEMBER 31, 2022**

	DEC 2022	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
CONSUMER ACCOUNTING				
Distributed from Novato (0.2%)	\$85	\$864	43%	\$780
CONSUMER ACCOUNTING	\$85	\$864	43%	\$780
GENERAL AND ADMINISTRATIVE				
Legal Fees	\$0	\$0	0%	\$0
Dues & Subscriptions	0	0	0%	0
Consulting Services/Studies	2,235	13,758	-	18,795
Distributed from Novato (2.4%)	6,345	43,970	49%	43,874
GASB68 Adjustment	1,899	11,170	-	4,959
GENERAL & ADMINISTRATIVE	\$10,479	\$68,898	66%	\$67,628
Depreciation (Note 5)	65,709	394,256	50%	383,619
TOTAL OPERATING EXPENSE	\$101,531	\$789,382	53%	\$684,221
OPERATING INCOME/(LOSS)	(\$67,429)	\$211,921	54%	\$266,174
NON-OPERATING REVENUE				
Interest:				
General Funds	\$33,244	\$50,202	1004%	\$2,505
RWF Replacement Fund	0	0	\$0	17,509
Self-Insured Workers' Comp Fund	5	9	-	42
StoneTree RWF Loan	0	4,547	45%	5,635
Total Interest Revenue	\$33,249	\$54,758	137%	\$25,691
Other Non-Operating Revenue	0	0	-	0
NON-OPERATING REVENUE	\$33,249	\$54,758	137%	\$25,691
NON-OPERATING EXPENSE				
RWF SRF Loan Interest Expense	\$2,547	\$15,284	51%	\$18,315
Expansion SRF Loan Interest Expense	16,785	100,708	50%	105,999
Other Non-Operating Expense	0	0	-	0
Interest-Advance from Novato (Note 10)	0	0	-	0
Capital Contribution Expense-NSD&LGVSD	0	0	0%	0
GASB68 Adjustment	0	0	-	0
NON-OPERATING EXPENSE	\$19,332	\$115,992	14%	\$124,314
NET INCOME/(LOSS)	(\$53,512)	\$150,687	(39%)	\$167,551
BEGINNING FUND EQUITY				
		\$24,605,568		\$23,632,803
NET INCOME/(LOSS)	(53,512)	150,687		167,553
Developer 'In-Kind' Contributions	0	0	-	0
State Prop 50 Grant	0	0	-	0
IRWMP Prop 84 Grant	0	0	-	0
Water Smart Grant	0	0	-	0
Federal ARRA Grant	0	0	-	0
FRC Transfer to/from Novato	232,174	518,146	58%	518,146
RW Central Area Expansion Grant	0	0	-	0
Prior Period Adjustment (Note 12)	0	0		0
ENDING FUND EQUITY		\$25,274,400		\$24,318,502

**WEST MARIN WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING DECEMBER 31, 2022**

	DEC 2022	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
OPERATING REVENUE				
Water Sales	\$49,577	\$433,700	52%	\$411,617
Bill Adjustments	(326)	(6,935)	28%	(8,767)
Bimonthly Service Charges	21,700	124,986	49%	115,991
Account Turn-on Charges	325	1,130	113%	0
New Account Charges	15	55	-	55
Backflow Service Charges	1,336	4,025	57%	3,730
TOTAL OPERATING REVENUE	\$72,628	\$556,960	52%	\$522,626
OPERATING EXPENSE				
SOURCE OF SUPPLY				
Supervision & Engineering	\$0	\$1,319	19%	\$1,732
Operating Expense	56	186	3%	1,355
Maint of Structures	0	8,770	97%	8,363
Water Quality Surveillance	0	0	0%	0
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
SOURCE OF SUPPLY	\$56	\$10,275	38%	\$11,450
PUMPING				
Maint of Structures and Grounds	\$0	\$1,784	34%	\$3,952
Maint of Pumping Equip	2,449	14,688	88%	4,492
Electric Power	1,689	19,388	43%	20,782
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
PUMPING	\$4,138	\$35,859	49%	\$29,226
OPERATIONS				
Supervision & Engineering	\$1,432	\$10,436	53%	\$12,063
Operating Expense	418	10,610	52%	10,498
Maintenance Expense	0	0	0%	1,076
Maint of Telemetry Lines	0	0	0%	0
Maint of Telemetry Equipment	0	3,249	25%	2,417
Leased Lines	433	2,124	42%	2,104
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
OPERATIONS	\$2,283	\$26,419	32%	\$28,157
WATER TREATMENT				
Supervision & Engineering	\$513	\$7,051	62%	\$8,083
Operating Expense	9,581	25,755	57%	24,047
Purification Chemicals	293	4,043	81%	946
Maint of Structures & Grounds	378	1,109	25%	1,088
Maint of Purification Equipment	813	3,636	19%	8,389
Electric Power	0	10,179	42%	9,841
Laboratory Direct Labor	4,666	29,837	61%	29,593
Laboratory Services	220	4,010	40%	5,694
Water Quality Supervision	1,508	8,540	47%	5,274
Customer Water Quality	156	5,853	29%	14,514
Lab Expense Distributed from Novato	1,975	16,271	-	15,189
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
WATER TREATMENT	\$20,103	\$116,282	45%	\$122,657

**WEST MARIN WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING DECEMBER 31, 2022**

	DEC 2022	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
TRANSMISSION & DISTRIBUTION				
Supervision & Engineering	\$1,289	\$9,941	66%	\$1,724
Maps & Records	0	0	0%	0
Facilities Location - USA	0	0	0%	3,824
Customer Service Expense	745	1,778	26%	4,948
Flushing	0	0	-	21
Storage Facilities Expense	6,457	19,495	53%	12,644
Cathodic Protection	0	0	0%	0
Maint of Valves	(64)	2,740	91%	495
Valve Operation Program	0	8,509	-	0
Maint of Mains	3,809	12,327	143%	16,714
Water Quality Maintenance	0	0	0%	33
Maint of Backflow Devices	0	0	0%	0
Backflow Dev Inspection/Survey	0	5,879	92%	707
Maint of Copper Services	0	758	30%	1,429
Maint of PB Service Lines	233	43,938	163%	11,179
Maint of Meters	84	405	11%	736
Detector Check Assembly Maint	0	475	28%	251
Maint of Hydrants	0	194	6%	2,986
Hydrant Operation	0	8,633	-	0
Single Service Installation	0	0	0%	(3,451)
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
TRANSMISSION & DISTRIBUTION	\$12,552	\$115,070	71%	\$54,240
CONSUMER ACCOUNTING				
Meter Reading	\$232	\$5,452	52%	\$5,608
Collection Expense - Labor	0	361	72%	0
Uncollectable Accounts	1579	1579	158%	0
Online Payment Processing Fees	0	0	-	0
Distributed from Novato (3.6%)	691	7,029	54%	\$6,375
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
CONSUMER ACCOUNTING	\$2,503	\$14,421	52%	\$11,983
WATER CONSERVATION				
Water Conservation Program	\$561	\$2,999	20%	\$14,305
GASB68 Adjustment (Pension)	0	0	-	0
GASB75 Adjustment (OPEB)	0	0	-	0
TOTAL WATER CONSERVATION	\$561	\$2,999	20%	\$14,305
GENERAL AND ADMINISTRATIVE				
Legal Fees	\$0	\$0	0%	\$1,858
Consulting Services/Studies	488	13,602	39%	405
Distributed from Novato (3.6%)	6,760	46,843	72%	40,065
GASB68 Adjustment (Pension)	7,194	41,509	-	33,477
GENERAL & ADMINISTRATIVE	\$14,442	\$101,954	99%	\$75,804
Depreciation (Note 5)	21,626	134,758	59%	100,382
TOTAL OPERATING EXPENSE	\$78,263	\$558,036	57%	\$448,205
OPERATING INCOME/(LOSS)	(\$5,636)	(\$1,077)	(1%)	\$74,421

**WEST MARIN WATER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING DECEMBER 31, 2022**

	DEC 2022	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
NON-OPERATING REVENUE				
Interest - General Funds	\$2,109	\$4,220	60%	\$0
Interest - Self-Insured WC Fund	7	12	-	85
Interest - Bank of Marin Project Fund	0	0	0%	0
Interest Revenue-Leases	0	698	-	0
Rents & Leases	0	5,447	91%	5,628
Tax Proceeds - PR-2 Tax Allocation	0	0	0%	32,124
Other Non-Operating Revenue	0	16	-	0
NON-OPERATING REVENUE	\$2,116	\$10,393	14%	\$37,836
NON-OPERATING EXPENSE				
Bank of Marin Loan Interest Expense	\$1,548	\$9,334	49%	\$10,341
Other Non-Operating Expense	0	0	0%	417
GASB68 Adjustment	0	0	-	0
NON-OPERATING EXPENSE	\$1,548	\$9,334	22%	\$10,758
NET INCOME/(LOSS)	(\$5,067)	(\$17)	(0%)	\$101,499
BEGINNING FUND EQUITY				
NET INCOME/(LOSS)	(5,067)	(17)		101,499
CONTRIBUTED CAPITAL				
New Gallagher Well #2 Grant	0	0	-	0
Developer 'In-Kind' Contributions	0	48,166	-	3,659
Connection Fees	0	0	-	38,800
PRIOR YEAR ADJUSTMENTS (Note 11c)	0	0		0
ENDING FUND EQUITY		\$7,447,869		\$7,481,156

**OCEANA MARIN SEWER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING DECEMBER 31, 2022**

	DEC 2022	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
OPERATING REVENUE				
Sewer Service Charges	\$25,380	\$152,280	50%	\$145,230
TOTAL OPERATING REVENUE	\$25,380	\$152,280	50%	\$145,230
OPERATING EXPENSE				
SEWAGE COLLECTION				
Supervision & Engineering	\$29,296	\$38,669	87%	\$5,392
Inspection	0	0	0%	0
Maps & Records	0	0	0%	0
Operating Expense	85	741	4%	8,105
Facilities Location	0	0	0%	1,956
Maint of Telemetry Equipment	23	859	86%	121
Maint of Lift Stations	1,487	7,173	90%	9,526
Maint of Manholes	0	0	0%	0
Maint of Sewer Mains	0	2,855	48%	0
Electric Power	852	9,424	59%	13,287
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
SEWAGE COLLECTION	\$31,742	\$59,721	57%	\$38,387
SEWAGE TREATMENT				
Supervision & Engineering	\$0	\$0	-	\$0
Operating Expense	1,662	11,283	34%	29,539
Maint of Structures	0	0	0%	0
Maint of Equipment	0	1,484	16%	1,300
Laboratory Direct Labor	0	1,775	-	2,268
Lab Expense Distributed from Novato	(40)	968	16%	1,164
Electric Power	718	6,727	56%	6,817
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
SEWAGE TREATMENT	\$2,340	\$22,237	-	\$41,087
SEWAGE DISPOSAL				
Operating Expense	\$310	\$3,620	31%	\$7,584
Maint of Pump Stations	478	1,541	16%	8,777
Maint of Storage Ponds	0	0	0%	9,532
Maint of Irrigation Field	710	4,516	58%	873
GASB68 Adjustment (Pension)	0	0	0%	0
GASB75 Adjustment (OPEB)	0	0	-	0
SEWAGE DISPOSAL	\$1,498	\$9,677	22%	\$26,766
CONSUMER ACCOUNTING				
Collection Expense - County of Marin	\$351	\$351	-	\$351
Distributed from Novato (0.6%)	82	\$720	36%	680
CONSUMER ACCOUNTING	\$433	\$1,071	54%	\$1,031

**OCEANA MARIN SEWER
DETAIL INCOME STATEMENT
FOR THE PERIOD ENDING DECEMBER 31, 2022**

	DEC 2022	YEAR TO DATE ACTUAL	YTD/ BUDGET%	PRIOR YTD ACTUAL
GENERAL AND ADMINISTRATIVE				
Consulting Services/Studies	\$0	\$678	-	\$369
Distributed from Novato (1.1%)	2,010	13,928	58%	13,727
Liability Insurance	210	1,262	63%	1,102
GASB68 Adjustment	1,858	10,997	-	8,033
GENERAL AND ADMINISTRATIVE	\$4,078	\$26,865	103%	\$23,232
Depreciation (Note 5)	3,895	23,372	50%	23,174
TOTAL OPERATING EXPENSE	\$43,987	\$142,942	53%	\$153,677
OPERATING INCOME/(LOSS)	(\$18,607)	\$9,338	26%	(\$8,447)
NON-OPERATING REVENUE				
Rents & Leases	\$0	\$250	-	\$0
Interest - Connection Fee Reserve	0	0	-	0
Interest - General Funds	3,047	5,557	139%	2,759
Interest - Self Insured WC Fund	3	5	-	30
Tax Proceeds - OM-1/OM-3 Tax Alloc	0	0	0%	34,265
Other Non-Operating Revenue	0	0	-	0
NON-OPERATING REVENUE	\$3,049	\$5,812	9%	\$37,054
NON-OPERATING EXPENSE				
Other Non-Operating Expense	\$0	\$9	1%	\$474
NON-OPERATING EXPENSE	\$0	\$9	1%	\$474
NET INCOME/(LOSS)	(\$15,557)	\$15,141	15%	\$28,133
BEGINNING FUND EQUITY				
NET INCOME/(LOSS)	(15,557)	15,141		28,133
CONTRIBUTED CAPITAL				
Contribution in Aid of Construction	0	0	-	0
Connection Fees	0	0	0%	0
FEMA/CAL OES Grant-OM Treatment Pond	11,151	11,151		0
PRIOR YEAR ADJUSTMENTS (Note 11d)	0	0		0
ENDING FUND EQUITY		\$1,767,076		\$1,718,705

**NORTH MARIN WATER DISTRICT
EQUIPMENT EXPENDITURES
PERIOD ENDING DECEMBER 31, 2022**

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	DECEMBER 2022	FYTD TOTAL	FY 22/23 BUDGET	(OVER) UNDER	Notes
1 OPERATIONS/MAINTENANCE					
a. Meter Maintenance Program	\$0	\$127,065	\$150,000	\$22,935	
b. Total Organic Carbon (TOC) Analyzer	0	0	42,000	42,000	
	\$0	\$127,065	\$192,000	\$64,935	
2 ENGINEERING					
a. GPS Unit (Surveying)	\$0	\$0	\$40,000	\$40,000	
	\$0	\$0	\$40,000	\$40,000	
3 VEHICLE & ROLLING EQUIPMENT EXPENDITURES					
a. STP Forklift (5,000 Lbs)	\$0	\$0	\$60,000	\$60,000	
b. 100KW Portable Generator	0	0	60,000	60,000	
c. Leased Vehicles	0	67,785	205,000	137,215	
	\$0	\$67,785	\$325,000	\$257,215	
TOTAL EQUIPMENT EXPENDITURES	\$0	\$194,850	\$557,000	\$362,150	

**NORTH MARIN WATER DISTRICT
VEHICLE FLEET ANALYSIS
FOR PERIOD ENDING DECEMBER 31, 2022**

Fiscal Year to Date

Vehicle Cost per Mile

Year	Description	Veh#	Assigned	Mileage	Expense ¹	Recovery ²	Gain/(Loss)	Mileage	Life to Date	FYTD23	FYTD22
1	2002 Chev K1500 4x4	47	Construction	776	\$4,686	\$322	(\$4,364)	156,070	\$0.40	\$0.00	\$1.28
3	2008 Ford F250 4x4	506	Pool	0	\$3,878	\$35	(\$3,843)	80,413	\$0.84	\$0.00	\$0.23
4	2008 Chev Colorado 4x4	509	Construction	1,312	\$1,097	\$277	(\$821)	120,870	\$0.38	\$0.84	\$1.87
5	2010 Ford F150 4x4	511	Maintenance	2,805	\$514	\$259	(\$255)	106,936	\$0.51	\$0.18	\$3.61
6	2010 Ford F150	512	Davenport	2,131	\$3,590	\$1,484	(\$2,106)	136,701	\$0.51	\$1.68	\$1.21
7	2010 Ford F150	513	Construction	1,630	\$893	\$1,421	\$528	95,795	\$0.47	\$0.55	\$0.12
8	2012 Ford F250	515	Moniz	6,630	\$4,169	\$5,894	\$1,725	94,253	\$0.64	\$0.63	\$2.83
9	2012 Ford F250	516	Pearce	6,743	\$5,629	\$6,587	\$958	105,742	\$0.60	\$0.83	\$1.14
10	2014 Ford F150	517	Kurfirst	3,057	\$1,293	\$5,380	\$4,087	30,104	\$0.62	\$0.42	\$0.22
11	2015 Ford F250 4x4	518	Maintenance	5,953	\$4,811	\$4,107	(\$704)	111,574	\$0.46	\$0.81	\$0.47
12	2015 Ford Escape 4X4	520	Ladd	4,825	\$598	\$882	\$284	119,270	\$0.31	\$0.12	\$1.82
13	2015 Ford F150 4X4	521	Watkins/Shop	2,277	\$1,485	\$844	(\$641)	59,800	\$0.38	\$0.65	\$0.26
14	2016 Nissan Frontier	522	Roberto	3,326	\$1,682	\$179	(\$1,504)	56,895	\$0.40	\$0.51	\$0.21
15	2017 Ford Escape 4X4	523	Lab	1,447	\$585	\$854	\$269	37,782	\$0.34	\$0.40	\$1.92
16	2016 Nissan Frontier	524	Bynum	10,633	\$5,230	\$3,591	(\$1,639)	57,488	\$0.54	\$0.49	\$1.20
17	2018 Ford Cargo Van	526	On-Call	4,807	\$3,690	\$985	(\$2,706)	43,369	\$0.50	\$0.77	\$0.79
18	2018 Dodge Ram 2500	527	Breit	9,339	\$5,705	\$8,493	\$2,787	49,948	\$0.64	\$0.61	\$0.67
19	2019 Chev Colorado 4x4	528	Stompe	1,183	\$2,604	\$1,155	(\$1,449)	18,820	\$0.59	\$2.20	\$0.17
20	2019 NISSAN ROGUE	531	Eng/Wtr Consv	789	\$489	\$609	\$120	18,031	\$0.34	\$0.00	\$0.33
21	2019 NISSAN FRONTIER	533	Castellucci	5,912	\$3,443	\$4,851	\$1,407	31,666	\$0.42	\$0.58	\$0.39
22	2019 FORD F-150 2WD	534	Reed	2,829	\$1,243	\$3,577	\$2,334	8,357	\$0.53	\$0.44	\$0.17
23	2019 FORD F-150 4x4	535	STP	2,747	\$799	\$854	\$55	24,594	\$0.30	\$0.29	\$0.56
24	2020 CHEVROLET COLORADO 2WD	536	Lawrence	9,437	\$2,893	\$2,723	(\$170)	30,237	\$0.35	\$0.31	\$0.53
25	2020 FORD F250 4X4	537	Kehoe, Chris	7,611	\$3,985	\$4,466	\$482	38,073	\$0.51	\$0.52	\$0.85
26	2020 FORD F250 4X4	538	STP	1,716	\$1,037	\$784	(\$253)	11,037	\$0.56	\$0.60	\$0.16
27	2020 FORD F150 2WD	539	Construction	5,106	\$1,987	\$2,583	\$596	11,643	\$0.35	\$0.39	\$0.32
28	2020 FORD F150 2WD	540	Bergstrom	4,108	\$1,870	\$2,160	\$290	20,468	\$0.36	\$0.46	\$0.78
29	2021 NISSAN ROGUE	541	Clark	5,533	\$4,632	\$1,325	(\$3,308)	15,051	\$0.31	\$0.84	\$0.36
30	2021 NISSAN FRONTIER	542	STP	5,599	\$4,922	\$6,816	\$1,894	14,071	\$0.35	\$0.88	\$0.29
31	2021 Ford Ranger 4x4	543	LeBrun	4,184	\$4,894	\$8,480	\$3,586	18,161	\$0.27	\$1.17	\$0.41
32	2020 FORD F150	544	Grisso	1,185	\$471	\$1,855	\$1,384	1,185	\$0.40	\$0.40	\$0.00
33	2021 FORD F150	545	Kane	1,990	\$939	\$476	(\$463)	3,300	\$0.28	\$0.47	\$1.37
34	2021 FORD F150 4x4	546	Engineering	3,431	\$2,050	\$3,906	\$1,856	6,834	\$0.30	\$0.60	\$3.40
35	2022 CHEVY BOLT EUV	548	LAB	2,832	\$197	\$1,052	\$854	2,832	\$0.07	\$0.07	\$0.00
36	2023 CHEVY BOLT EUV	549	LeBrun	3,554	\$177	\$287	\$110	3,554	\$0.00	\$0.00	\$0.00
Total 3/4 Ton & Under				137,437	\$88,167	\$89,550	\$1,382	1,740,924	\$0.48	\$0.64	\$0.56
1	1999 Ford F350 W/Svc Body	19	Pool	252	\$406	\$231	(\$175)	140,232	\$0.00	\$0.00	\$0.25
2	2002 Int'l 5 Yd Dump	44	Construction	361	\$77	\$154	\$77	117,288	\$1.70	\$0.21	\$3.78
3	2006 Int'l 4300 Crew	503	Construction/Crew	846	\$1,409	\$16,044	\$14,635	56,118	\$2.42	\$1.66	\$1.76
4	2009 Peterbilt 325 Crew	508	Construction/Crew	2,389	\$12,097	\$11,480	(\$617)	48,467	\$1.87	\$5.06	\$2.08
5	2012 Int'l 5 Yd Dump	514	Construction	2,683	\$5,461	\$7,462	\$2,001	56,050	\$1.28	\$2.04	\$3.29
6	2015 Int'l 5 Yd Dump	519	Sjblom	2,990	\$5,925	\$6,398	\$4,337	57,739	\$0.66	\$1.98	\$0.59
7	2017 Ford F350 4x4	525	Lemos	4,280	\$5,611	\$8,043	\$2,432	52,801	\$0.51	\$1.31	\$2.26
8	2019 FORD F550 3 YD DUMP	530	Construction	1,610	\$1,963	\$6,300	\$4,337	12,200	\$0.66	\$1.22	\$0.59
9	2021 Int'l 5 Yd Dump	547	Breit	1,588	\$8,680	\$287	(\$8,393)	3,102	\$0.06	\$5.47	\$3.55
Total 1 Ton & Over				16,999	\$41,628	\$56,399	\$18,636	543,997	\$1.30	\$2.45	\$2.79

¹ Expense amount shown excludes depreciation (approximately \$195,000 for FY23).

² Recovery is the amount charged to projects and operations to recover the expense of owning and operating the vehicle. Commencing 7/1/17 the recovery rate for vehicles 3/4-ton and under is \$7/hr and the recovery rate for vehicles 1-ton and over is \$14/hr. An additional 50% is charged to developer projects to reflect the fair market value of the vehicle being used.

**NORTH MARIN WATER DISTRICT
WATER CONSERVATION PROGRAM DETAIL
PERIOD ENDING DECEMBER 31, 2022**

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Description		COST THRU JUNE 2022	DECEMBER 2022	FYTD TOTAL	FY 22/23 BUDGET	(OVER) UNDER	TOTAL COST	Notes			
NOVATO											
a. Residential											
1-7700-01	1-7700-26	1	Cash for Grass	\$513,533	\$1,884	\$25,908	\$60,000	\$34,092	\$539,441	(e)	58001-01-21
1-7700-02	1-7700-27	2	Landscape Efficiency Rebates	32,897	606	5,337	6,000	663	38,233	(e)	58001-01-21
1-7700-03		3	Fixtures Purchases	71,840	0	0	5,000	5,000	71,840	(e)	58001-01-21
1-7700-06	1-7700-28	4	Washing Machine Rebates	362,244	126	2,747	5,000	2,253	364,990	(e)	58001-01-21
1-7700-07		5	Demonstration Garden Improvements	55,105	0	0	0	0	55,105	(e)	58001-01-21
1-7700-11	1-7700-29	6	Toilet Rebate-Residential	1,062,742	1,862	7,834	25,000	17,166	1,070,576	(e)	58001-01-21
1-7700-13		8	Residential Audits	492,345	0	4,882	20,000	15,118	497,227	(e)	58001-01-21
1-7700-15		9	High Efficiency Toilet Distribution	242,197	0	0	0	0	242,197	(e)	58001-01-21
1-7700-16		10	Water Waste Ordinance Monitoring	133,328	1,981	21,210	30,000	8,790	154,538	(e)	58001-01-21
1-7700-17	1-7700-31	11	Swimming Pool Cover Rebate	10,747	22	1,490	5,000	3,510	12,237	(e)	58001-01-21
1-7700-19	1-7700-32	12	ET Controller Rebate	56,235	43	1,381	6,000	4,619	57,616	(e)	58001-01-21
1-7700-08		13	Administration	1,852,654	8,902	57,323	126,000	68,677	1,909,977	(e)	58001-01-21
1-7700-20		14	New Development Wtr Cons Program	137,234	958	4,828	10,000	5,172	142,063	(e)	58001-01-21
1-7700-21	1-7700-33	15	Demand Offset Rebate Program	4,437	0	403	2,000	1,597	4,840	(e)	58001-01-21
1-7700-23		16	Grant Administration	3,300	0	0	1,000	1,000	3,300	(e)	58001-01-21
1-7700-24	1-7700-34	17	Hot Water Recirculation Rebate	4,145	0	321	2,000	1,679	4,466	(e)	58001-01-21
1-7700-25		18	Residential Fill Station	66,442	0	0	0	0	66,442	(e)	58001-01-21
1-7700-35		19	UWMP	16,733	0	0	0	(0)	16,733	(e)	58001-01-21
b. Non-Residential Programs											
1-7701-03	1-7701-04	1	Commercial Programs	42,953	152	1,854	6,295	4,441	44,807	(e)	58002-01-21
1-7702-01		2	Large Landscape Programs	43,829	418	2,211	12,967	10,756	46,040	(e)	58004-01-21
1-7700-04		c.	Public Outreach/Information	408,279	11,481	57,276	139,739	82,462	465,556	(e)	58003-01-21
TOTAL NOVATO WATER CONSERVATION				\$5,613,217	\$28,434	\$195,006	\$462,000	\$266,994	\$5,808,223		
WEST MARIN WATER											
2-5166-00		a.	Water Conservation Program	\$181,122	\$561	\$2,999	\$14,700	\$11,701	\$184,121	(e)	58000-02-21
TOTAL WEST MARIN WATER CONSERVATION				\$181,122	\$561	\$2,999	\$14,700	\$11,701	\$184,121		

**NORTH MARIN WATER DISTRICT
CAPITAL IMPROVEMENT PROJECTS
PERIOD ENDING DECEMBER 31, 2022**

Description		COST THRU JUNE 2022	DECEMBER 2022	FYTD TOTAL	FY 22/23 BUDGET	(OVER)/UNDER BUDGET	TOTAL COST
1 PIPELINE REPLACEMENTS/ADDITIONS							
a. Main/Pipeline Replacements							
1-7189-xx	1 Replace 12" Pipe S. Novato Blvd (785LF)	\$0	\$0	\$0	\$50,000	\$50,000	\$0
1-7183-xx	2 Replace Plastic thin Walled Pipe < 4-inch	0	0	0	150,000	150,000	0
1-7195-00	3 Novato Blvd Widening Diablo to Grant	65,725	977	6,211	1,000,000	993,789	71,935
1-7205-00	4 Copper Replacement-Jamison Ct (6)	16,532	0	22,700	0	(22,700)	39,232
1-7209-00	5 George St Main Replacement	0	0	3,631	0	(3,631)	3,631
b. Main/Pipeline Additions							
1-7150-00	1 San Mateo Tank 24" Transmission Main	231,968	0	3,915	20,000	16,085	235,883
1-7206-00	2 Loop Zone Mall Area Near Nave Ct/S. Novato	0	0	1,802	275,000	273,198	1,802
1-7204-00	3 Loop Dead End Mains-NMWD Yard	13,663	220	107,577	0	(107,577)	\$121,239
c. PB Service Line Replacements							
1-7139-xx	1 Repl PB in Sync w/City Paving (30 Svcs)	0	0	0	60,000	60,000	0
1-7123-xx	2 Other PB Replacements (40 Svcs)	0	0	0	80,000	80,000	0
d. Relocations to Sync w/City & County CIP							
1-8737-xx	1 Other Relocations	0	0	0	25,000	25,000	0
1-8737-08	Repl 8" CI w/pvc-Railroad/Rose	0	24,446	29,020	0	(29,020)	29,020
TOTAL PIPELINE REPLACEMENTS/ADDITIONS		\$327,888	\$25,643	\$174,855	\$1,660,000	\$1,485,145	\$502,743
e. Aqueduct Replacements & Enhancements							
1-7118-02	1 MSN B2-Utility Agreement Costs¹	\$141,379	\$0	\$0	\$12,000	\$12,000	\$141,379
		\$141,379	\$0	\$0	\$12,000	\$12,000	\$141,379
2 SYSTEM IMPROVEMENTS							
1-7007-16	a. Detector Check Assembly Repair/Repl-FY23 (~8/yr)	\$0	\$0	\$0	\$100,000	\$100,000	\$0
1-7007-15	b. Detector Check Assembly Repair/Repl-FY22 (~8/yr)	36,203	5,680	33,938	0	(33,938)	70,141
1-7090-04	c. Anode Installations-FY23 (150/yr)	264	0	0	10,000	10,000	264
1-7136-00	d. Facilities Security Enhancements	0	0	0	25,000	25,000	0
e. Other System Improvements							
1-7178-00	f. Asset Management Software Procurement/Implementation	337,596	0	537	200,000	200,000	0
TOTAL SYSTEM IMPROVEMENTS		\$374,063	\$5,680	\$34,475	\$335,000	\$300,525	\$408,538
3 BUILDINGS, YARD, & S.T.P. IMPROVEMENTS							
a. Administration Building							
1-6501-44	1 NMWD Headquarters Upgrade²	\$1,736,740	\$587,912	\$2,934,100	\$12,650,000	\$9,715,900	\$4,670,840
b. Yard							
1-6502-48	1 Repave Corp Yard	0	0	1,316	0	(1,316)	1,316
1-6502-47	2 Other Yard Improvements	0	673	673	0	(673)	673
c. Stafford Treatment Plant							
1-6610-22	1 Repair Sludge Line to Center Road (4" @ 4,400')	0	5,267	11,184	25,000	13,816	11,184
1-6600-xx	2 Other Treatment Plant Improvements	0	0	0	50,000	50,000	0
1-6600-97	3 Efficiency Improvements	0	0	0	50,000	50,000	0
1-6610-23	4 Water Supply Enhancement-STP Modifications	0	0	0	50,000	50,000	0
1-6600-96	5 Leveroni Creek Embankment Repair³	88,393	0	3,902	0	(3,902)	92,294
1-6610-21	6 STP-Corrosion Assessment	26,553	1,422	16,501	0	(16,501)	43,054
d. Stafford Dam/Watershed							
1-6610-24	1 Water Supply Enhancements-Dam	0	1,357	3,219	50,000	46,781	3,219
1-6600-34	HSPS #3 MOTOR R&R	101,182	166	53,313	0	(53,313)	154,494
TOTAL BUILDING, YARD, & STP IMPROVEMENTS		\$1,952,867	\$596,796	\$3,024,206	\$12,875,000	\$9,850,794	\$4,977,074

**NORTH MARIN WATER DISTRICT
CAPITAL IMPROVEMENT PROJECTS
PERIOD ENDING DECEMBER 31, 2022**

Description	COST THRU JUNE 2022	DECEMBER 2022	FYTD TOTAL	FY 22/23 BUDGET	(OVER)/UNDER BUDGET	TOTAL COST
4 STORAGE TANKS & PUMP STATIONS						
a. Clear Tank Sites						
1-6207-20 1 Old Ranch Rd Tank Replacement	\$1,539,765	\$22,687	\$301,714	\$100,000	(\$201,714)	\$1,841,479
b. Tank Rehabilitation						
1-6216-20 1 Fire Flow Backfeed Valve-Nunes Tank	0	0	0	200,000	200,000	0
	0	0	0	170,000	170,000	0
1-6213-24 3 Lynwood Tank #1 Seismic Upgrade/Coating	0	0	0	500,000	500,000	0
1-6414-20 4 Lynwood Tank #2 Seismic Upgrade/Coating	0	0	0	500,000	500,000	0
c. Pump Station Rehabilitation and Replacement						
1-6141-00 1 Crest PS	286,906	0	13,315	10,000	(3,315)	300,220
1-6112-26 2 Lynwood PS Upgrade	0	25,865	43,035	40,000	(3,035)	43,035
1-6112-24 3 Lynwood PS Motor Control Center	153,233	381	1,218	0	(1,218)	154,451
1-7187-00 4 Mobil Pump Station for Tank Cleaning	15,279	0	3,976	0	(3,976)	19,255
d. Hydropneumatic Systems						
1-7170-00 1 Hydropneumatic Tank Repairs	111,207	8,749	30,470	50,000	19,530	141,676
c. Other Tank & PS Improvements						
1 Other Tank & PS Improvements	0	0	0	75,000	75,000	0
TOTAL STORAGE TANKS & PUMP STATIONS	\$2,106,389	\$57,683	\$393,727	\$1,645,000	\$1,251,273	\$2,500,117
5 RECYCLED WATER						
5-7162-04 1 Replace CI-Atherton Ave ^b	\$0	\$0	\$0	\$350,000	\$350,000	\$0
TOTAL RECYCLED WATER	\$0	\$0	\$0	\$350,000	\$350,000	\$0
6 WEST MARIN WATER SYSTEM						
2-6609-20 a. New Gallagher Well #2 ^a	\$772,056	\$3,622	\$144,365	\$380,000	\$235,635	\$916,421
2-6609-21 b. GW #2-DWR Grant T1-Admin	0	0	3,366	0	(3,366)	3,366
2-6609-22 c. GW #2-DWR Grant T2-Well	21	0	3,597	0	(3,597)	3,618
2-6609-23 d. GW #2-DWR Grant T31-M&P	56,922	0	93,314	0	(93,314)	150,236
2-7185-00 e. Gallagher Ranch Streambank Stabilization	724,960	0	3,690	5,000	1,310	728,650
2-8912-00 f. Lagunitas Bridge Pipeline Replacement	75,768	152	7,882	52,000	44,118	83,651
g. Miscellaneous Water System Improvements ⁵	0	0	0	150,000	150,000	0
2-7192-xx h. Repl PRE 2" Galv Pipe	0	0	0	45,000	45,000	0
2-7192-01 i. Replace PRE 2" Galv Pipe-Balboa/Drakesview/Baywood	5,598	0	2,693	0	(2,693)	8,290
2-7192-02 j. PRE 2" Galvanized Pipe-Sunnyside/Dover/Carlton/Balboa	28	16,911	56,229	0	(56,229)	56,257
2-7203-00 k. Raise Valves for Hwy 1 Paving	9,122	0	805	15,000	14,195	9,927
TOTAL WEST MARIN WATER SYSTEM	\$1,644,475	\$20,684	\$315,940	\$647,000	\$331,060	\$1,960,415
7 OCEANA MARIN SEWER SYSTEM						
8-8672-28 a. Infiltration Repair (Manhole Relining)	\$113,113	\$25,462	\$25,462	\$40,000	\$14,538	\$138,575
8-7173-00 b. OM Treatment Pond Rehab-404 Grant-FEMA ⁷⁸⁸	194,628	0	10,522	1,200,000	1,189,478	205,150
8-7173-01 c. OM Treatment Pond Rehab-Grant Management	3,414	303	3,977	10,000	6,023	7,391
8-7208-xx d. Sewer Force Main Improvements				125,000	125,000	0
8-7208-01 1 Sewer Force Main Improvements-FM 1A	0	2,047	21,558	0	(21,558)	21,558
TOTAL OCEANA MARIN SEWER SYSTEM	\$311,155	\$27,811	\$61,519	\$1,375,000	\$1,313,481	\$372,674
TOTAL PROJECT EXPENDITURES	\$6,858,216	\$734,297	\$4,004,723	\$18,899,000	\$14,894,277	\$10,862,939

**NORTH MARIN WATER DISTRICT
CAPITAL IMPROVEMENT PROJECTS
PERIOD ENDING DECEMBER 31, 2022**

Description	COST THRU JUNE 2022	DECEMBER 2022	FYTD TOTAL	FY 22/23 BUDGET	(OVER)/UNDER BUDGET	TOTAL COST
8 LESS FUNDED BY GRANTS, LOANS & REIMBURSEMENTS						
(Accrued)/Deferred						
a. MSN Aqueduct Caltrans Reimb-Segment B2 ¹	(\$45,462)	\$0	\$0	\$0	\$0	(\$45,462)
b. NMWD Headquarters Upgrade ²	18,139,260	(587,912)	(2,934,100)	0	2,934,100	15,205,160
c. Leveroni Creek Embankment Repair ³	0	0	(3,902)	0	3,902	(3,902)
d. New Gallagher Well #2 ⁴	(40,083)	(3,622)	(60,281)	0	60,281	(100,364)
e. WM Miscellaneous Water System Improvements ⁵	0	0	0	0	0	0
f. Replace CI-Atherton Ave ⁶	0	0	0	0	0	0
g. OM Treatment Pond Rehab-404 Grant-FEMA ^{7,8}	(61,949)	11,151	5,466	0	(5,466)	(56,482)
FUNDING BY OTHERS (ACCRUED)/DEFERRED	\$17,991,765	(\$580,383)	(\$2,992,816)	\$0	\$2,992,816	\$14,998,949
Received						
a. MSN Aqueduct Caltrans Reimb-Segment B2 ¹	(\$120,684)	\$0	\$0	\$0	\$0	(\$120,684)
b. NMWD Headquarters Upgrade ²	(\$19,876,000)	0	0	0	0	(19,876,000)
c. Leveroni Creek Embankment Repair ³	\$0	0	0	0	0	0
d. New Gallagher Well #2 ⁴	(\$40,083)	0	(84,084)	(340,000)	(\$255,916)	(124,167)
e. WM Miscellaneous Water System Improvements ⁵	0	0	0	(150,000)	(\$150,000)	0
f. Replace CI-Atherton Ave ⁶	0	0	0	(350,000)	(\$350,000)	0
g. OM Treatment Pond Rehab-404 Grant-FEMA ^{7,8}	(86,060)	(11,151)	(13,358)	(960,000)	(\$946,642)	(99,418)
FUNDING BY OTHERS RECEIVED	(\$20,122,827)	(\$11,151)	(\$97,442)	(\$1,800,000)	(\$22,031,420)	(\$20,220,269)
NET PROJECT EXPENDITURES	\$4,727,154	\$142,763	\$914,465	\$17,099,000	(\$4,144,327)	\$5,641,619

CIP SUMMARY-GROSS EXPENDITURES:	Current Month	FYTD Total	FY 22/23 Budget	FYTD/ Budget%
Novato Water Capital Projects	\$685,801	\$3,627,264	\$16,527,000	22%
Novato Recycled Water Capital Projects	0	0	350,000	0%
West Marin Water Capital Projects	20,684	315,940	647,000	49%
Oceana Marin Sewer Capital Projects	27,811	61,519	1,375,000	4%
Gross Capital Improvement Project Outlays	\$734,297	\$4,004,723	\$18,899,000	21%

CIP SUMMARY-NET EXPENDITURES:	Current Month	FYTD Total	FY 22/23 Budget	FYTD/ Budget%
Novato Water Capital Projects	\$97,889	\$693,164	\$16,527,000	4%
Novato Recycled Water Capital Projects	0	0	350,000	0%
West Marin Water Capital Projects	17,063	167,674	647,000	26%
Oceana Marin Sewer Capital Projects	27,811	53,627	1,375,000	4%
Net Capital Improvement Project Outlays	\$142,763	\$914,465	\$18,899,000	5%

Notes to Capital Improvement Projects Schedule:

- (1) Funding provided 100% by Caltrans.
- (2) \$16.2M NMWD Headquarters Upgrade funded by a 20 year 3.11% bank loan.
- (3) Project developed as part of October 2017 Feasibility Assessment prepared by Prunuske Chatham.
- (4) WM CA DWR Drought Relief Grant.
- (5) Loan from Novato Water-As included in the 2021 WM Water rate study - to be paid with interest. Loan received 6/30/22.
- (6) Funded by Capital Replacement & Expansion Fund.
- (7) OM Treatment Pond Rehab-Project to be funded at 75% by grants. Eligible project costs are budgeted at \$2.2M (75%=\$1.425M)
- (8) Loan from Novato Water-As included in the five-year financial forecast

**NORTH MARIN WATER DISTRICT
CAPITAL IMPROVEMENT PROJECTS
PERIOD ENDING DECEMBER 31, 2022**

Description	COST THRU JUNE 2022	DECEMBER 2022	FYTD TOTAL	FY 22/23 BUDGET	(OVER)/UNDER BUDGET	TOTAL COST
CONSULTING SERVICES/STUDIES						
a. Novato Water Master Plan Study	\$0	\$0	\$0	\$175,000	\$175,000	\$0
1-4097-00 b. Novato Connection Fee Study	0	0	20,352	20,000	(352)	20,352
c. Compensation Survey & Review	0	0	0	15,000	15,000	0
d. Lynwood/San Marin Zone 2 Modification Evaluation	0	0	0	30,000	30,000	0
e. Drought Contingency Plan-NBWRA	0	0	0	9,000	9,000	0
2-4098-00 f. West Marin Connection Fee Study	0	0	10,580	10,000	(580)	10,580
2-4089-00 g. Coast Guard Housing-PRTP Study	6,459	488	3,022	25,000	21,978	9,481
h. Stafford Dam Master Plan	0	0	0	25,000	25,000	0
i. Pipeline Condition Assessment	0	0	0	50,000	50,000	0
1-4050-02 j. Annual Water Supply & Demand Assessment	4,531	0	634	0	(634)	0
1-4057-00 k. Local Water Supply Enhancement Study	271,351	0	10,889	0	(10,889)	282,240
1-4095-01 l. Stafford Lake Water Rights Review	0	390	4,626	0	(4,626)	4,626
1-4069-00 m. Strategic Long Range Plan	18,537	303	758	0	(758)	19,295
1-4077-00 n. Potter Valley Project FERC Relicensing	23,365.50	518	3,638	0	(3,638)	27,004
1-4093-00 o. Gateway Commons Backflow Study	5,993	744	1,379	0	(1,379)	7,372
1-6501-43 p. Electronic Document Mgmt System	30,415	3,257	6,540	0	(6,540)	36,955
5-4087-00 q. Recycled Water Program Strategy	0	2,235	3,408	0	(3,408)	3,408
5-4099-00 r. Connection Fee Study-RW	0	0	10,350	0	(10,350)	10,350
8-4096-00 s. Dillon Beach Wastewater Study	0	0	678	0	(678)	678
t. GASB 75 (OPEB) Disclosure Information & Actuarial Valuation	0	0	4,500	0	(4,500)	4,500
	<u>\$360,652</u>	<u>\$7,935</u>	<u>\$81,354</u>	<u>\$359,000</u>	<u>\$277,646</u>	<u>\$436,840</u>

North Marin Water District Financial Statement Notes

Note 1 - Restricted Cash

Connection Fee Fund: Cash available from collection of Connection Fees. The fee is charged to developers based upon the estimate of cost necessary to construct capacity to serve the new development. These funds are restricted by law for expansion of the water or sewer facilities within the service area where the development occurs. Funds are disbursed from the Connection Fee Reserve as expenditures are incurred to increase system capacity to serve new development. The fund balance accrues interest quarterly.

Deer Island RWF Replacement Fund: The State Revolving Fund (SRF) loan agreement for construction of the Deer Island RW Facility requires the District to establish and maintain a Water Recycling Capital Reserve Fund (WRCRF) for the expansion, major repair, or replacement of the water recycling facilities. The WRCRF is maintained in compliance with the State Water Resources Control Board's "Policy for Implementing the State Revolving Fund for Construction of Wastewater Treatment Facilities" in effect at the time the agreement was executed, July 2006. NMWD is required to deposit a minimum reserve of 0.5% of the SRF loan amount each year for a period of ten years. The balance in the DICRF is \$215,000 (\$4.3M x .5% x 10 years). The fund balance does not accrue interest.

Recycled Water Capital Replacement and Expansion Fund: The 2011 Interagency Agreements for Recycled Water between NSD, LGVSD & NMWD require that any payments to the Distributor (NMWD) by the End User (Consumers) in excess of actual costs (marginal payments) shall be deposited in this fund. Operation and Maintenance Costs are defined as the actual cost of: labor (including general and administrative overhead plus tools and supplies normally applied), equipment and vehicle charges, consumables (such as chemicals and electrical power), and spare parts and/or replaced components necessary to reliably treat and deliver recycled water to the End Users. Operation and Maintenance Costs do not include costs for major capital replacement or process changes. A payment of \$305,711 was made to Novato Sanitary District in December 2019 for the Clearwell Improvement Project. This fund balance does not accrue interest.

Tax Receipts held in Marin County Treasury: Balance of tax proceeds collected and disbursed by the County of Marin. The County credits interest to these funds quarterly.

STP SRF Reserve Fund – Marin County Treasury: The 2004 Stafford Treatment Plant State Revolving Fund (SRF) loan agreement requires the District to build a Reserve Fund equal to one year of payments (\$1,044,474) in the Marin County Treasury during the first ten years of the 20-year repayment period. Every January 1 and July 1, commencing January 1, 2010, the District deposits with the County 10% of the semi-annual SRF payment. This Reserve Fund was fully funded at 6/30/19. The County credits the fund with interest quarterly, which is applied to the semi-annual payments, and will use the Reserve to pay the last 2 semi-annual SRF loan payments.

RWS North/South SRF Reserve Fund: The State Water Resource Control Board Agreements for the seven Clean Water State Revolving Fund Loans made for expansion of the Recycled Water System distribution system require that the District establish a reserve fund equal to one year's debt service (\$614,299) prior to the construction completion date.

RWS Central SRF Reserve Fund: The State Water Resource Control Board Agreement for the Clean Water State Revolving Fund Loan made for expansion of the Recycled Water System distribution system requires that the District establish a reserve fund equal to one year's debt service (\$275,773) prior to the construction completion date.

Note 2 - Designated Cash

Liability Contingency Fund: Established in 1986 when the District first elected to self-insure its general liability risk. This reserve was funded with \$1 million initially and \$200,000 annually thereafter until it reached a balance of \$2 million. In FY98 the West Marin Water System was included in the fund and built-up a proportional reserve of \$74,000 over several years. Commencing FY93, \$1 million of the reserve was made available to fund loans to eligible employees under the District's Employer Assisted Housing Program. In August 2008, \$500,000 was transferred into this reserve from the Self-Insured Workers' Compensation Fund and made available to fund Employer Assisted Housing Program loans. Currently there is \$250,000 in one Employer Assisted Housing Loan outstanding (see Note 3). In March 2005, \$652,400 was expended from the fund to purchase a home at 25 Giacomini Road in Point Reyes Station. The home is currently rented. In 2006, \$8,885 was added from the sale of surplus property in West Marin. The fund balance does not accrue interest.

Workers' Compensation Fund: Commencing July 2019, the District switched from self-insuring its workers' compensation liability to 1st dollar workers' compensation insurance with Zenith Insurance Company. The premium for 1st dollar insurance is higher than staying with the SIR plan, but the risk of \$1M out of pocket costs is eliminated. The Worker's Comp Reserve Fund now stands at \$20,125, the amount of the one remaining claim filed when the District was self-insured, with the balance transferred to Unrestricted Cash.

Retiree Medical Benefits Fund: NMWD pays the cost of health insurance for retirees between the ages of 55 and 65 and spouse under any group plan offered by CalPERS. The retiree must be at least 55 and have a minimum of 12 years (for employees hired on or before September 30, 2018) and a minimum of 20 years (for employees hired after September 30, 2018) of NMWD service at the date of retirement. NMWD's contribution toward the chosen plan is capped in the same manner as all other NMWD employees in the same class. Coverage terminates for the spouse when the spouse becomes eligible for Medicare, or for both the retiree and spouse when the retiree becomes eligible for Medicare. When the retiree or spouse becomes eligible for Medicare, NMWD pays up to the couple annuitant rate, which is capped at \$3,830 per year (\$319/month). In August 2003, NMWD transferred \$2.55 million (\$2.3 million for current retirees plus \$250,000 for future retirees) from unrestricted cash into a reserve to fund this obligation. In 2010 the Board directed staff to add \$1,500 per employee annually as a payroll overhead to accrue and accelerate amortization of this liability. The accrual is maintained as a Long-Term Liability entitled Total OPEB Liability. In 2022 an Actuarial Analysis calculated NMWD's total actuarial liability at \$4.3 million. The Retiree Medical Benefits cash fund earns interest quarterly.

Maintenance Accrual Fund: Established in FY91 to provide a source of maintenance money for replacement of treatment, storage, transmission and distribution facilities as they wear out. The annual contribution from operating reserves was initially \$200,000. Net polybutylene claim settlement proceeds of \$671,060 were closed into the fund in FY93. In FY94 the annual contribution was reduced to \$100,000. Starting in FY21/22, this reserve was increased to \$4.0 million based on the District's planned pay-go capital spending per the 2020 Novato Water Rate Study and subsequent financial plans. Funds are borrowed from the Maintenance Accrual Fund to offset the shortfall in unrestricted Cash & Investments. The fund balance does not accrue interest.

Operating Reserve Fund: This reserve, comprised of four months of budgeted operating expenditures (less depreciation) as recommended by the District's financial advisors, serves to ensure adequate working capital for operating, capital, and unanticipated cash flow needs that arise during the year. Funds are borrowed from the operating Reserve Fund to offset the shortfall in unrestricted Cash & Investments. The fund balance does not accrue interest.

Webster Bank-Admin Bldg/CIP Fund: The District received a \$20 million loan from Webster Bank in May 2022 to fund the Admin Building Renovation and other CIP Projects. The 20-year, 3.11% annual percentage rate loan requires semi-annual payments and will be fully amortized on 3/1/42. The unexpended fund balance accrues interest quarterly.

Note 3 – Employee Loans

Housing Loans: The District's Employer Assisted Housing Program allows up to \$300,000 to be loaned to an employee for a period of up to 15 years for the purchase of a home within the District service territory that will enable the employee to respond rapidly to emergencies affecting the operation of the District. Repayment is due upon sale, termination of employment, or other event as described in the Program. Interest on the loan is contingent upon and directly proportional to the appreciation in value occurring on the purchased property. There is one employee-housing loan currently outstanding totaling \$250,000 dated March 2015.

Note 4 – Other Long Term Receivables

In 2014, the District entered into an interconnection agreement with MMWD for their share of the Aqueduct Energy Efficiency Project. The 2.71% \$3,622,882 loan will have yearly payments due of \$205,320, and the final payment is due in July 2032. In 2015 the District entered into an agreement with Marin Country Club for their share of the pipeline extension to provide recycled water for the Marin Country Club Golf Course. In 2016 the District received a \$6.6 million 30-year 1.0% SRF loan to finance the Recycled Water Central project, and Marin Country Club agreed to pay the District \$1,265,295 in bimonthly payments of \$8,142 at 1.0% over 30 years for their share of the pipeline extension. Marin Country Club also agreed to pay \$430,463 of the District's local share of the project in bimonthly payments of \$8,242 over 10 years at 2.8%, which is the Novato Potable Fund's weighted average cost of debt. The payments will coincide with Marin Country Club's water service payments. Marin Country Club paid the 10 year loan in full in December 2018. The final payment from Marin Country Club for the 30 year loan is due in November 2047. The Marin Country Club also owes the District \$189,402.89 in previously unbilled water receipts due to a recording error in their 6" AMI meter. \$89,990.87 of this amount was paid by Marin Country Club in October 2020 and the remaining balance due of \$99,412.02 will be re-paid in \$2,000 monthly installment payments and will be paid in full March 2025.

Note 5 – Depreciation

Assets are assigned a useful life based on consultations with the District Chief Engineer and a survey of other water agencies. Depreciation is computed on a straight-line basis over the estimated useful life of the various classes of property as follows:

<u>Facility</u>	<u>Life (Years)</u>
Aqueduct.....	150
Dam.....	100
Buildings & Structures.....	40
Mains.....	50
Pumping Equipment.....	25
Water Treatment Equipment.....	20
Storage & Transmission (16"+) Facilities.....	50
Distribution Facilities (includes Pump Stations).....	50
Office, Laboratory, Construction & Shop Tools & Equipment.....	10
Vehicles 1 ton or greater.....	10
All other vehicles.....	5
Sewer Mains.....	40
Sewer Pumps.....	10

Note 6 - Capitalization Policy

The Government Finance Officers Association *Guide for State and Local Governments* recommends that a capitalization policy incorporate a minimum threshold of \$5,000 and an estimated useful life of at least two years. It also cautions that federal grant and loan requirements prevent the use of capitalization thresholds in excess of \$5,000. Thus NMWD's capitalization threshold is \$5,000.

Note 7 – Bond & Loan Servicing Schedule for Fiscal Year 2022-2023

							FY 23		
Service Area	Description	Issue Date	Rate	Original Amount	Payment Due	Final Pmt	Interest Expense	Principal Paid	6/30/23 Outstanding Balance
Novato	SRF Loan - STP	2004	2.39%	\$16,528,850	7/1 & 1/1	07/01/29	\$154,744	\$889,730	\$5,806,043
Novato	Bank Marin Loan	2011	3.42%	\$7,000,000	27 th /mo	10/27/31	\$125,917	\$356,125	\$3,490,933
Novato	Chase Bank Loan	2018	2.69%	\$4,600,000	3/1 & 9/1	03/01/33	\$95,630	\$280,000	\$3,275,000
Novato	Webster Bank	2022	3.11%	\$20,000,000	3/1 & 9/1	03/01/42	\$608,321	\$879,669	\$19,120,331
Novato Total							\$984,612	\$2,405,524	\$31,692,307
RW TP	SRF Loan	2006	2.40%	\$4,302,560	20-Jun	06/19/27	\$30,568	\$242,799	\$1,030,881
RW North	SRF Loans (4)	2013	2.60%	\$4,375,605	Varies	Varies	\$66,092	\$215,800	\$2,326,202
RW South	SRF Loans (3)	2013	2.20%	\$5,361,952	Varies	Varies	\$72,462	\$259,945	\$3,033,761
RW Central	SRF Loan	2016	1.00%	\$7,130,503	19-Dec	12/31/47	\$62,863	\$212,910	\$6,073,389
Recycled Water Total							\$231,985	\$931,454	\$12,464,233
WM Water	Bank Marin Loan	2012	3.42%	\$1,000,000	27 th /mo	10/27/31	\$18,483	\$52,275	\$512,431
West Marin Water Total							\$18,483	\$52,275	\$512,431
FY23 Total							\$1,235,080	\$3,389,253	\$44,668,971

1. In April 2004 the California State Department of Water Resources approved a 2.39% 20-year loan for reconstruction of the Stafford Water Treatment Plant. The project was completed in FY09 with repair of the Outlet Tower Sluice Gate. Interest paid during construction totaled \$1,636,378. The loan covenants require an annual reserve fund contribution of \$104,447 (10% of the annual debt service obligation) be deposited into the Marin County Treasury during each of the first ten years of the repayment period. Debt service is funded 25% by Facility Reserve Charges. The first payment was made in December 2009.
2. In October 2011 Bank of Marin made a 20-year 3.54% (APR) loan of \$8 million to fund the District's share of the Aqueduct Energy Efficiency Project. See Note 15 below, and note to loan 9 above.
3. In March 2018 Chase Bank made a 15-year 2.69% (APR) loan of \$4.6 million to fund the District's Automated Meter Information system Project.
4. In August 2006 the California State Department of Water Resources approved a 2.4% 20-year loan of \$4,264,545 for construction of the Deer Island Recycled Water Facility. With the addition of \$38,015 in Construction Period Interest, the loan principal totaled \$4,302,560. The project was completed in June 2007, and the first payment was made June 19, 2008.
5. In July 2011 the California State Department of Water Resources approved a series of four 2.6% 20-year loans which totaled \$4,375,605 for the Recycled Water North Service Area Expansion Project. The projects were completed on October 31, 2012, and the first payment was made in November of 2012.
6. In March 2012 the California State Department of Water Resources approved a series of three 2.2% 20-year loans totaling \$5,361,952 for the Recycled Water South Service Area Expansion Project. The projects were completed on September 4, 2013, and the first payment was made in December of 2013.

7. In May 2016 the California State Department of Water Resources approved a 1.0% 30-year loan of \$7,130,503 for the Recycled Water Central Service Area Expansion. The project will be completed in December 2017, and the first payment was made December 31, 2018.
8. In June 2012 the Board authorized reallocating \$1 million of the Bank of Marin loan to West Marin Water to repay Novato Water \$223,000 owed for loans to fund Long Range Improvement Projects and the remainder to fund the Solids Handling Facility at the Point Reyes Water Treatment Plant. See note to loan 2 above.
9. In May 2022, Webster Bank made a 20-year 3.11% (APR) loan of \$20 million to fund the Admin Building Renovation and other Capital Improvement Projects.

Note 8 – Unemployment Insurance Reserve

NMWD uses the “Reimbursable Method” of paying for Unemployment Costs. Under this method, the District reimburses the State Employment Development Department for all unemployment benefits paid on our behalf. The reserve is maintained at an amount equal to the higher of the average claim amount paid over the last 5 years or 52 times the maximum weekly benefit amount (currently $\$450 \times 52 = \$23,400$).

Note 9 – Payroll Benefits

Payroll Benefits payable includes payroll taxes; vacation, sick, and holiday leave; Section 125 payments; cancer, long term care and disability insurance premiums; union dues; and employee benefit fund.

Note 10 - Interest Policy on Inter-District Loans

In the event an improvement district expends all of its Undesignated Funds, it shall borrow funds from that improvement district's Board Designated Fund reserves to meet ongoing requirements. In the event an improvement district expends all of its Board Designated Fund reserves, it may receive a loan from the Novato Improvement District in an amount sufficient to meet its ongoing requirements. Restricted Funds shall not be used to finance ongoing normal operating expenses.

No interest shall be paid by an improvement district on funds borrowed from that improvement district's Board Designated Fund reserves. Interest on loans from the Novato Improvement District shall be paid by the recipient district to the Novato district based upon the outstanding loan balance at the close of the previous accounting period. Interest shall be calculated at the higher of: 1. The weighted average interest rate of Novato improvement district debt (2.77% at 6/30/22); or 2. The average interest rate earned on the District treasury since the close of the previous accounting period; plus \$50 per month.

Note 11 – Budget Augmentations

Note 12 – Prior Period Adjustment

Note 13 – Explanation of Financial Statement Components

The District's financial statement is comprised of four components: 1) Statement of Net Position, 2) Sources and Uses of Funds Statement – All Service Areas Combined, 3) Income Statement and Cash Flow by Service Area, and 4) Notes to the Financial Statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

The Statement of Net Position (page 4) reports the District's assets and liabilities and provides information about the nature and amount of investments in resources (assets) and the obligations to the District's creditors (liabilities). The difference between assets and liabilities is reported as *net position*. Over time, increases or decreases in the fund balance may serve as a useful indicator of whether the financial position of the District is improving or deteriorating.

The Sources and Uses of Funds Statement – All Service Areas Combined (page 8) compares fiscal year-to-date performance against the Board approved annual budget – presented in the adopted budget format. This Sources and Uses of Funds Statement varies from the income statement in that it includes capital expenditures, debt principal repayment, connection fee revenue, and cash infusions from debt issuance.

The Income Statement and Cash Flow by Service Area (page 9) presents the net income (loss) for the fiscal year-to-date (FYTD) period for each of the District's four service areas. The income and expenses on this report are presented in conformity with Generally Accepted Accounting Principles (GAAP) and comply with Governmental Accounting Standards Board pronouncements. Accordingly, all income and expenses are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. This statement measures the success of each service area's operations and can be used to determine whether the service area has successfully recovered all costs through user fees and other charges.

Also included at the bottom of page 9 is a statement of Cash Flow by Service Area. The primary purpose of this statement is to reconcile in an informative manner the difference between the net income/(loss) for period of each service area with the resultant change in cash balance that occurred over the same period.

Notes to the Financial Statements (page 27) provide a summary of significant accounting policies and assumptions and other information of value to the financial statement reader.

Other Supplementary Information includes Detail Income Statements presented in accordance with GAAP for each of the four service areas (pages 10, 14, 16, 19). These statements present income and expenditures in close detail for further analysis. Other supplementary schedules of note include the Vehicle Fleet Analysis (page 22), Equipment Expenditures (page 21) and Capital Improvement Project Expenditures (page 24), which show outlays to date, compared with budget authority.

Note 14 –Connection Fee Transfers from Novato Water To Recycled Water

The following Connection Fee (FRC) reserve amounts have been transferred to the Recycled Water fund:
Recycled Water

FRC Transfers from Novato

\\finance\rc\recycled water frc transfers from novato.xlsxsheet1

	Expansion Local Share			SRF RWF Expansion				Transfer		
	North	South	Central	NBWRA	Loan	SRF Loan	BPGL Loan Repayment	CIP	Total	Executed
FY07				\$29,725					\$29,725	
FY08				\$50,478	\$22,795				\$73,273	
FY09				\$150,455	\$22,795				\$173,250	
FY10	\$133,659			\$75,198	\$22,795				\$231,652	\$133,659
FY11				\$133,319	\$22,795				\$156,114	\$1,175,098
FY12	\$233,478	\$265,500		\$115,883	\$22,795				\$637,666	(\$7,088)
FY13				\$315,023	\$22,795	\$464,572			\$802,390	\$1,970,400
FY14	\$236,291	\$723,525	\$4,024	\$63,035	\$22,795	\$500,529			\$1,550,200	\$1,550,200
FY15		\$17,563	(\$4,024)	\$38,283	\$22,795	\$614,299			\$688,916	\$688,916
FY16	\$0	\$0	\$66,729	\$102,842	\$22,795	\$614,299			\$806,664	\$806,664
FY17			\$362,524	\$194,636	\$22,795	\$614,299		\$36,687	\$1,230,940	\$1,230,940
FY18			\$5,071,512	\$38,908	\$22,795	\$614,299			\$5,747,513	\$5,747,513
FY19			(\$2,168,755)	\$8,966	\$22,795	\$890,072			(\$1,248,922)	(\$1,248,922)
FY20			\$5,499	\$0	\$0	\$350,287	(\$1,046,471)	\$1,084	(\$689,600)	(\$689,600)
FY21						\$890,072			\$890,072	\$890,072
FY 22						\$743,438			\$743,438	\$743,438
FY23						\$518,146			\$518,146	\$518,146
	\$603,428	\$1,006,589	\$3,337,509	\$1,314,751	\$273,539	\$6,814,311	(\$1,046,471)	\$37,771	\$12,341,427	\$12,341,427

8



MEMORANDUM

To: Board of Directors

February 21, 2023

From: Tony Williams, General Manager *TW*

Subj: Brown Act Training
l:\gm\bod misc 2023\2-21-23 meeting\2-21-23 bod legal refresher.docx

RECOMMENDED ACTION: None

FINANCIAL IMPACT: None at this time

Craig Judson and Sharon Nagle of the District's legal counsel of Bold, Polisner, Maddow, Nelson, and Judson (BPMNJ) will be providing an overview of the Brown Act which affects the actions by your Board. In addition to the presentation (Attachment 1), some additional training materials will be provided for future reference by Board members and key District staff. There will be time available for questions and answers related to the presentation.

ATTACHMENT

1. Brown Act Presentation by Bold, Polisner, Maddow, Nelson, and Judson



NMWD

The Brown Act

February 21, 2023

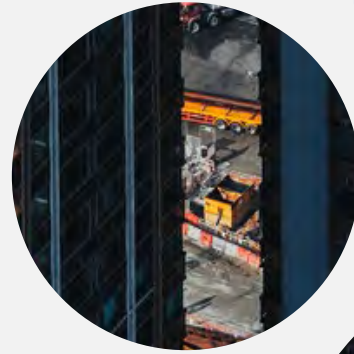
Bold, Polisner, Maddow, Nelson &
Judson

Craig L. Judson

Sharon M. Nagle

Agenda

- Introduction
- Brown Act Overview
- What Are Meetings?
- Notice and Agenda Requirements
- Rights of the Public
- Closed Session
- New Legislation
- Questions

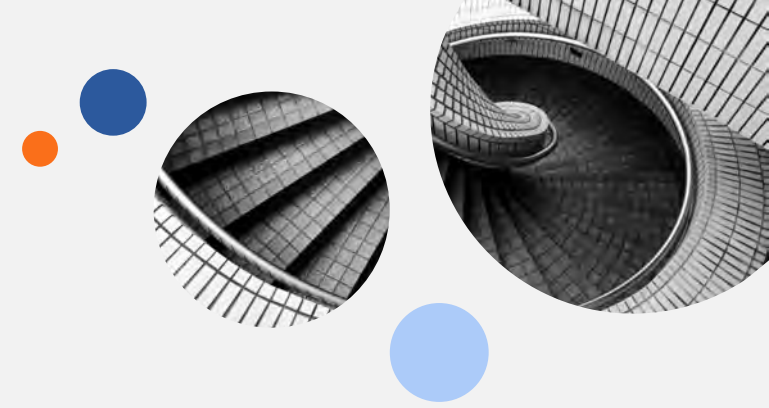


Introduction

The guiding principle of the Brown Act is that the business of the public must be conducted in public, with ample opportunity for public participation.

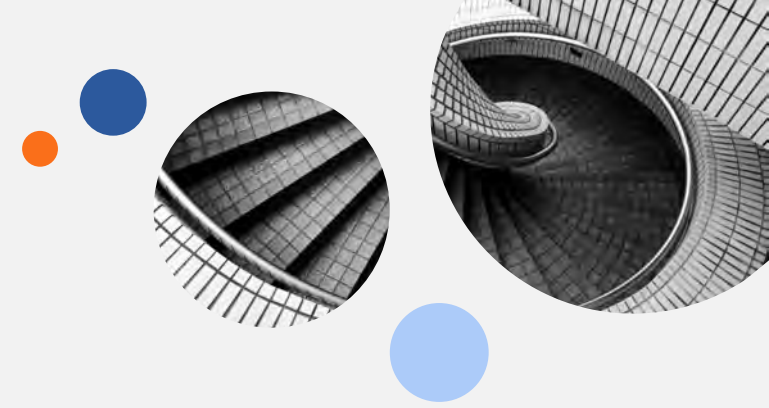


Who is subject to the Brown Act?



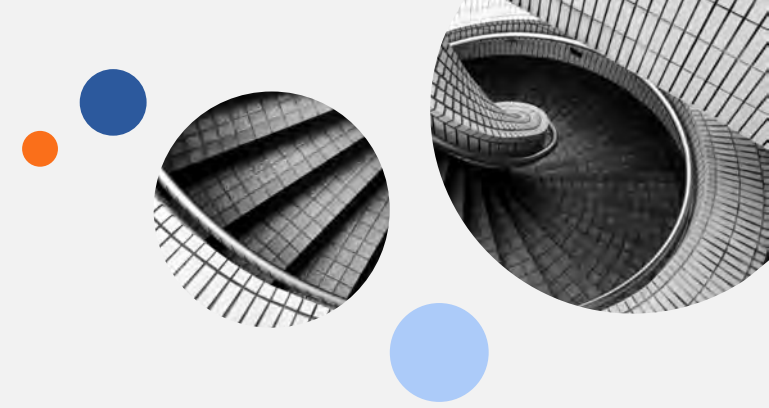
- The Brown Act applies to legislative bodies of local agencies, such as NMWD.
 - The Brown Act also applies to standing committees, even if made up of less than a quorum of members.
- It does not apply to ad hoc committees made up of less than a quorum of the body.
 - Ad hoc committees are temporary committees formed for a limited purpose, for example an advisory committee created to interview candidates for a vacant position.

The Open Meeting Rule



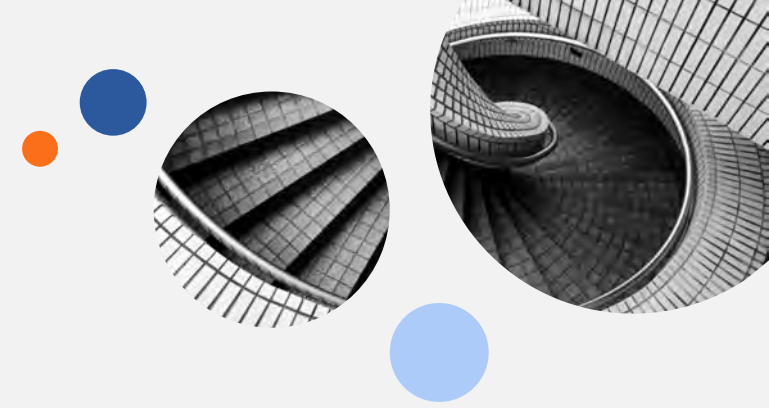
- Meetings must be open to the public
- Exceptions are narrowly construed
 - Exceptions are social or ceremonial occasions, conferences open to the public, open and public meetings held by another person or legislative body
- A majority of Board members may not discuss or transact business outside of a properly noticed meeting
- Role of General Counsel

What is a “meeting”



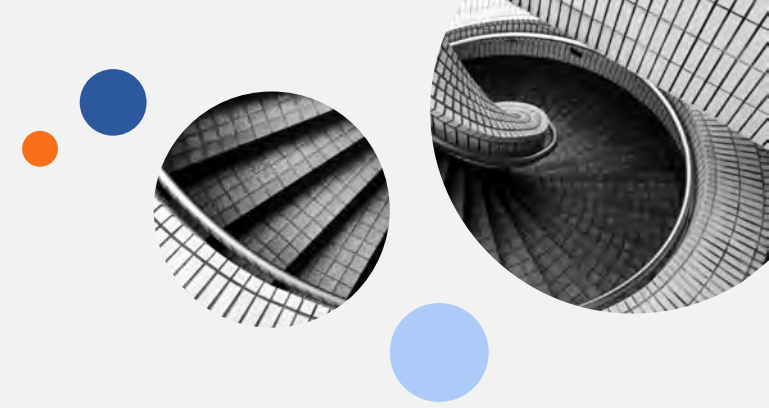
- A meeting takes place whenever a majority of the board or committee comes together at the same time or place to hear, discuss, and/or deliberate on any time of business within NMWD’s subject matter jurisdiction
- Meetings may be informal
- Meetings may involve only discussion, action, or both
- Meetings can be in person or virtual
- Examples: retreats, site visits, social gatherings, gathering before or after a formal meeting

Serial Meetings



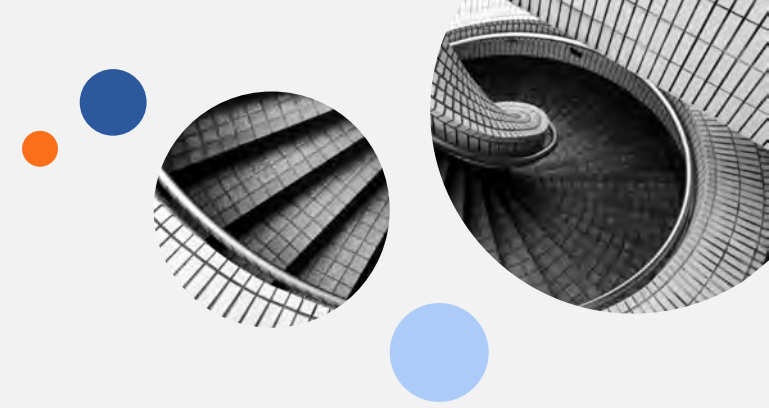
- Daisy chain meetings
 - Member A contacts Member B; Member B contacts Member C; Member C contacts Member D.
- Hub and spoke meetings
 - Member A separately contacts Members B, C, and D until a quorum has been contacted.
 - Staff member contacts a majority of members for discussion on a topic.
 - Staff can answer questions or provide information to board member as long as any views or positions by the member are not communicated by staff to other board members.
- Serial meetings can occur informally, through text, email, or phone.
 - Be wary of “reply all.”

Notice and Agenda Requirements



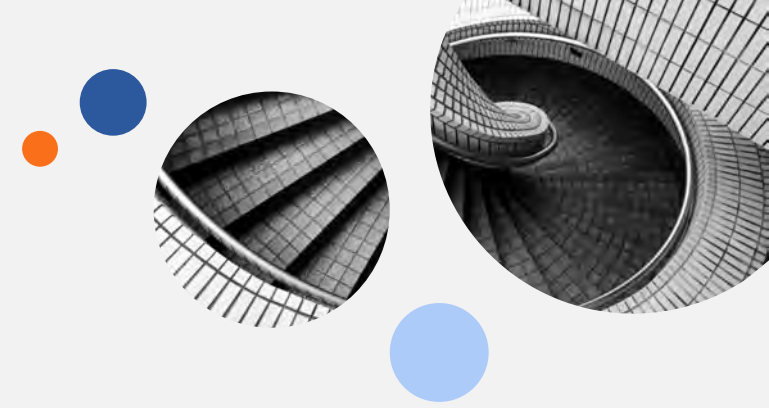
- Regular meeting agendas must be posted 72 hours in advance of the meeting
- Special meeting agendas must be posted 24 hours in advance of the meeting
- Agendas must describe the items to be considered with sufficient detail so that the public can understand. The board may not discuss and act on items not on the agenda or beyond the reasonable scope of the agenda.
- Exceptions:
 - Public health and safety
 - An items continued from the last agenda and that meeting was within the past five days
 - Newly arising item requiring immediate action

Rights of the Public



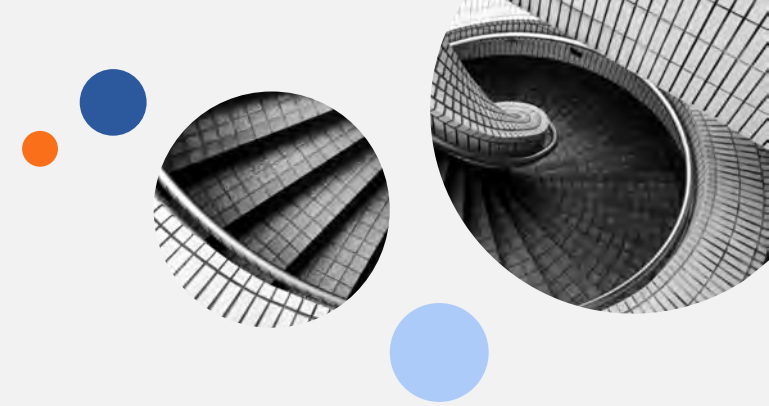
- To have open and public meetings in an ADA compliant location
- To have access to agendas of public meetings and documents associated with agenda items
- To audio/video record meetings and inspect recordings made by the public entity
- To attend meetings without prior registration
- To address the Board regarding any item on the agenda before or while the Board takes action
- To address the Board regarding general topics within the scope of the Board's jurisdiction. Board cannot discuss or substantively respond

Public Comments



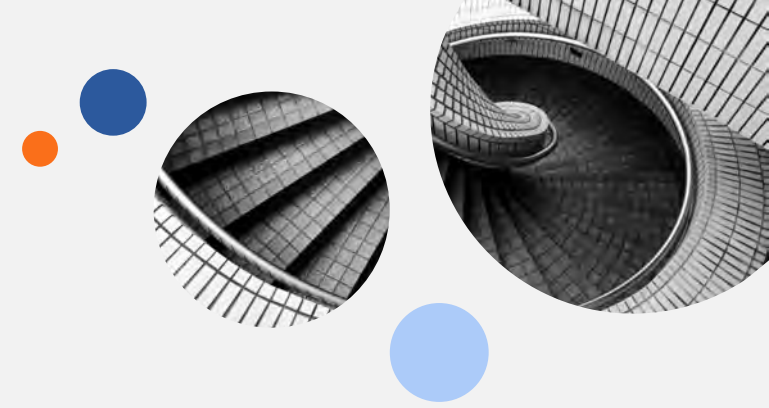
- The public has the right to equal time
- The public has the right to criticize
- No right to a response from the Board or staff
- The Board Chair may impose reasonable time, manner, and place restrictions on public participation
- The Board may exclude unruly speakers if necessary to allow the Board's business to continue

Closed Session



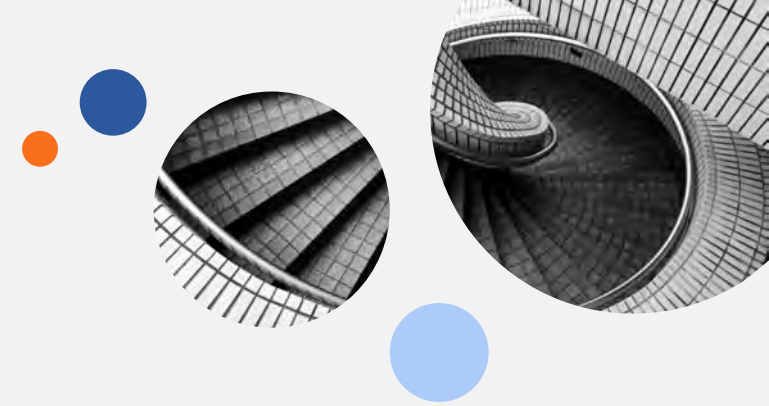
- All meetings must be open to the public unless the Brown Act authorizes a specific exception
 - Just because a topic may be sensitive, controversial, or embarrassing does not warrant a closed session
- The Brown Act authorizes closed sessions for certain topics, such as personnel, litigation, labor negotiations, and real estate negotiations
- Closed sessions items must be noted on the agenda, using “safe harbor” descriptions (Gov. Code § 54954.5)
- During a closed session, only Board members, necessary staff, and if needed, legal counsel may be present
- After a closed session, the Board must reconvene in open session and report any action taken in closed session

Penalties for Brown Act Violations



- Board actions taken in violation of the Brown Act are void
- A party may seek an injunction or declaratory relief to stop or prevent future violations
- Prevailing plaintiff may get an award of attorney's fees and costs
- Criminal penalties can be assessed
 - Complaint to District Attorney and referral to Grand Jury
 - Disclosure of closed session discussion
 - Board Member intends to deprive the public of information to which the public is entitled.

New Legislation



- AB 2449 - Hybrid meetings
 - Board Member may participate remotely if there is a quorum of Board Members physically present within a location open to the public and within NMWD jurisdiction. A Board Member must demonstrate:
 - Just cause – specified reasons such as childcare needs, contagious illness, traveling on official business.
 - A Board Member is limited to two virtual attendances in a calendar year based on “just cause”
 - Emergency – a physical or family medical emergency that prevents the Board Member from attending
 - The Board must approve an emergency appearance
 - Unlike traditional Brown Act rules, Board Member isn’t required to disclose or provide access to their non-public teleconference location, NMWD isn’t required to post agenda at teleconference location, and make all teleconference locations available to the public
 - Board Member must use both audio and visual technology, disclose whether any person over 18 is present in the room and disclose that person’s general relationship to the Board Member
 - NMWD must provide an opportunity for the public to remotely see and hear the meeting and the meeting must be broadcast live via streaming. No action may be taken if NMWD cannot broadcast the meeting
 - Sunsets on January 1, 2026, after which traditional Brown Act rules govern
- SB 1100 – Presiding Board Member may have disruptive individual removed
 - First give warning and notice that the individual may be removed
 - “Disruptive” behavior disrupts or impedes the orderly conduct of the meeting

Questions?



9

DISBURSEMENTS - DATED FEBRUARY 9, 2023

Date Prepared 2/6/23

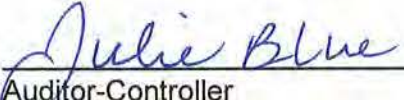
The following demands made against the District are listed for approval and authorization for payment in accordance with Section 31302 of the California Water Code, being a part of the California Water District Law:


Seq	Payable To	For	Amount
P/R*	Employees	Net Payroll PPE 1/31/23	\$168,460.64
90563*	Internal Revenue Service	Federal & FICA Taxes PPE 1/31/23	74,992.36
90564*	State of California	State Taxes & SDI PPE 1/31/23	16,070.60
90565*	CalPERS	Pension Contribution PPE 1/31/23	43,883.33
90562*	CalPERS	February Insurance Premium (Employer \$53,112, Retirees \$11,548 & Employee Contribution \$8,802)	73,462.10
1	Alpha Analytical Labs	Lab Testing	2,258.75
2	AT&T	Telephone (\$75), Fax (\$59), Leased Lines (\$143) & Data (\$257)	534.51
3	Automation Direct	Ethernet Port, Transmitter & Cable	735.63
4	Bender & Co Inc, Matthew	Water Codes Vol 21 & Vol 10	1,733.75
5	Borges & Mahoney	Replacement Controller for Chlorinator (\$2,402), Preventative Maintenance Kit (\$1,070) & Vacuum Regulator Repair (\$1,302) (STP)	4,774.54
6	Buck's Saw Service	Carburetors (2)	358.03
7	CA Association of Mutual Water Companies	Annual Membership Dues (1/23-1/24)	500.00
8	Coast Counties Peterbilt	Turbo Charger (\$3,781), Nuts (4), Clamp, Turbo Actuator & Core Kit (\$1,424) & Harness ('09 Peterbilt 335 Crew)	5,808.70
9	Comcast	Feb Phone Services (Wood Hollow, Buck Inst, Dist Yard & STP)	1,471.68
10	DataTree	January Subscription to Parcel Data Info	100.00
11	Direct Line Inc	January Telephone Answering Service	217.92
12	Environmental Resource Assoc	Annual PT Study (Lab)	4,241.28

Seq	Payable To	For	Amount
13	Fishman Supply Co	Rain Pants, Overalls & Jacket	167.96
14	Fisher Scientific	pH Meter (\$1,002) (STP), Chlorine Test, Graduated Cylinders (2), Conductivity Standards & pH Probe (Lab)	2,159.28
15	Grainger	Miscellaneous Maintenance Tools & Supplies	1,844.62
16		Vision Reimbursement	58.08
17	Lincoln Life Employer Serv	Deferred Compensation 1/31/23	11,866.83
18	Marin Landscape Materials	Sand (5 yds), Quik Mix (42) & Soil (2 yds)	759.61
19	Marin County	Annual Encroachment Permit	490.00
20	Martrel Business Printing	Typesetting Change for Digital Billing Receipts	65.00
21	Marin Country Club	Refund Overpayment on Open Account	21,745.01
22	McMaster-Carr Supply Co	Wire Cleaning Tool, Contact Sets (8) & Low-Carbon Steel Bar	382.52
23	MTS Training Academy	Class A Driving School (Rosas)	6,600.00
24	Nationwide Retirement Solution	Deferred Compensation 1/31/23	2,035.00
25	Novato Sanitary District	Treatment & Disposal of Discharge from STP (10/22-12/22)	922.09
26	ODP Business Solutions, LLC	Miscellaneous Office Supplies	497.37
27	O'Reilly Auto Parts	Diesel Fuel Additive & WD 40	470.19
28	Pace Supply	Replacement Pump for PRE#2	1,823.56
29	Andy Poncia Fertilizer	Sludge Hauling (29 loads)	6,525.00
30	Snap-On Industrial	Fleet Repair Software	1,526.92
31	USA BlueBook	Griffco Valve Repair Kit, Pressure Relief Valve & Silicone Sealant	932.21
32	Verizon Wireless	Cellular Charges: Data (\$1,268), Airtime, iPad for Asset Management & Equipment	1,721.17
33	VWR International LLC	Filters, Peristaltic Pump Tubing, Dehydrated Alcohol & Brilliant Green Broth (Lab)	706.41

Seq	Payable To	For	Amount
34	Watkins, Jeff	Exp Reimb: Automotive Service Excellence Tests	140.00
35	Webster Bank	Webster Loan Interest (Pymt #2 of 40)	1,190,669.00
36	West Yost Associates	Prog Pymt#13: Recycled Water Reg 18 Update (\$888), Prog Pymt#14: Coast Guard Housing (\$2,662), Prog Pymt#15: Pt. Reyes Coast Guard Housing Site Redeveloping (\$8,569) & Prog Pymt#16: T01 Staff Augmentation Pipeline Condition Assessment (\$4,327) (Balance Remaining on Contract \$97,289)	16,445.50
37	ZORO	Foam Hand Soap	57.53
TOTAL DISBURSEMENTS			<u>\$1,670,214.68</u>

The foregoing payroll and accounts payable vouchers totaling \$1,670,214.68 are hereby approved and authorized for payment.

 _____
Auditor-Controller
02/06/23
Date

 _____
General Manager
2/6/2023
Date

DISBURSEMENTS - DATED FEBRUARY 16, 2023

Date Prepared 2/13/23


The following demands made against the District are listed for approval and authorization for payment in accordance with Section 31302 of the California Water Code, being a part of the California Water District Law:

Seq	Payable To	For	Amount
1	ACI Payments Inc.	Return Payment-Unable to Locate Account	\$116.90
2	Arendell, Tony	Retiree Exp Reimb (Feb Health Ins)	1,234.14
3	Athens Administrators	January Indemnity Review Fee	105.00
4	Blankinship & Associates	Final Payment: NPDES Aquatic Weed Permit Compliance Support	1,425.00
5	Blue Earth Labs, LLC	Cleaning Solution for Actiflo Filter Units (STP)	19,454.01
6	Blue, Julie	Exp Reimb: Mileage & Parking for CSMFO Conference - Sacramento 01/31-02/03	137.94
7	Building Supply Center	Pressure Gauge (W.M.)	14.60
8	Chandrasekera, Carmela	Retiree Exp Reimb (Feb Health Ins)	1,234.14
9	Cilia, Joseph	Retiree Exp Reimb (Feb Health Ins)	457.46
10	Comcast	February Internet (100 Wood Hollow & 1250 Lynwood Dr)	566.10
11	Comcast	Ethernet Dedicated Internet (999 Rush Creek Place)	1,562.93
12	Core & Main	Angle Meter Stops (80) (\$6,354), Couplings (7), Hydrants (4) (\$14,843) & 3" Plugs (2) (\$1,161)	23,163.13
13	Ditch Witch West	Service Parts ('19 Ditch Witch)	2,105.58
14	Enterprise FM Trust	Monthly Leases for Nissan Rogue (2), Nissan Frontier (2), F-150's (7), F-250's (2), Ford Rangers (4), Chevy Bolts (2) & Chevy Colorado	11,555.96
15	Fedak & Brown LLP	Preparation of State Controller's Report for June 2022	750.00
16	Foehr, Emily	Novato "Water Smart Landscaping Efficiency" Rebate Program Residential	200.00

Seq	Payable To	For	Amount
17	Freyer & Laureta, Inc.	Prog Pymt #14: Engineering & Design Services for NMWD's Hydropneumatic Pressure Stations (\$19,973) (Balance Remaining on Contract \$28,052) & Prog Pymt #3: Engineering & Design Services for NMWD's Lynwood P/S (\$35,626) (Balance Remaining on Contract \$136,182)	55,599.00
18	Friedman's Home Improvement	Dry Caulk	8.12
19	Frontier Communications	Leased Lines	1,781.76
20	Grainger	Miscellaneous Maintenance Tools & Supplies	1,112.28
21	Hardy Diagnostics	E. Coli (Lab)	123.27
22	Kehoe, Chris	Exp Reimb: Bagels for Dept Meeting	38.90
23	Latanyshyn, Roman	Retiree Exp Reimb (Feb Health Ins)	457.46
24	Lemos, Kerry	Retiree Exp Reimb (Feb Health Ins)	1,234.14
25	Manzoni, Alicia	Retiree Exp Reimb (Feb Health Ins)	457.46
26	Marin County Ford	Service Parts ('12 F250, '15 F150, '14 F150)	248.44
27	County of Marin	Encroachment Permit (180 Third St-Point Reyes Station)	448.54
28	McMaster-Carr Supply Co	Suction Water Hose & Multipurpose Strip	394.53
29	Mitchell, Gregory	Novato "Washer" Rebate Program	100.00
30	North Marin Auto Parts	Service Parts ('19 Generac Generator, '18 Dodge Ram, '18 Polaris Gem Cart, '06 Int'l Crew, '09 Peterbilt Crew) & 5 Gal Buckets (20)	934.67
31	North Bay Gas	Nitrogen & Breathing Air (STP)	856.41
32	Novato Builders Supply	Lumber	50.80
33	ODP Business Solutions, LLC	Miscellaneous Office Supplies	1,108.87
34	Pace Supply	PVC Pipe Transfer (400), Couplings (52) (\$2,260), Tee (\$1,010) & Meter Box Lid Lifters (2)	3,648.18
35	Pacific Gas & Electric Co	Power: Bldg/Yard (\$3,135), Other (\$317), Pumping (\$40,645), Rect/Cont (\$1,013) & TP (\$236)	45,346.73

Seq	Payable To	For	Amount
36	Pini Hardware	Miscellaneous Maintenance Tools & Supplies	486.16
37	Quadient, Inc.	March Postage Meter Rental	143.09
38	Recology Sonoma Marin	January Trash Removal	618.51
39	Roche, Nancy	Novato "Washer" Rebate Program	100.00
40	Safeguard	Deposit Slips for Billing Department (600)	191.06
41	Scarpa, Steven	Return Payment-Not Our Customer	4,343.45
42	Uline	Cable Ties (4-175 lbs)	432.56
43	US Bank	January Safekeeping Treasury Securities	136.75
44	US Postal Service	Meter Postage	1,500.00
45	Van Bebber Bros	SQ Tube (10')	126.13
46	Verizon Wireless	SCADA & AMI Collectors	857.25
47	Waste Management	Waste Disposal	585.05
48	Winzer Corporation	Sorbent	305.16
		TOTAL DISBURSEMENTS	<u>\$187,857.62</u>

The foregoing payroll and accounts payable vouchers totaling \$187,857.62 are hereby approved and authorized for payment.


02/14/23
 Auditor-Controller Date


2/14/2023
 General Manager Date

NORTH MARIN WATER DISTRICT
MONTHLY PROGRESS REPORT FOR January 2023
February 21, 2023

1.

Novato Potable Water Prod* - RR & STP Combined - in Million Gallons - FYTD

Month	FY22/23	FY21/22	FY20/21	FY19/20	FY18/19	23 vs 22 %
July	224.5	282.9	341.7	317.7	341.1	-21%
August	235.9	212.4	290.1	287.1	300.9	11%
September	203.5	214.5	225.6	280.5	255.0	-5%
October	191.6	198.5	307.8	286.0	265.6	-4%
November	137.4	94.1	201.6	226.3	170.1	46%
December	106.6	137.1	183.0	141.2	157.8	-22%
January	113.8	118.3	156.6	111.9	114.7	-4%
FYTD Total	1,213.3	1,257.8	1,706.2	1,650.6	1,605.1	-4%

West Marin Potable Water Production - in Million Gallons - FY to Date

Month	FY22/23	FY21/22	FY20/21	FY19/20	FY18/19	23 vs 22 %
July	6.3	6.0	8.2	8.9	10.2	4%
August	6.8	5.7	9.2	8.4	9.9	19%
September	6.3	5.9	7.9	7.8	9.5	8%
October	5.7	5.1	6.7	7.5	8.3	13%
November	4.6	3.5	5.8	6.7	7.3	30%
December	4.3	4.0	5.1	4.8	5.7	7%
January	3.9	3.8	4.2	4.1	5.0	4%
FYTD Total	38.0	34.0	47.1	48.3	55.8	12%

Stafford Treatment Plant Production - in Million Gallons - FY to Date

Month	FY22/23	FY21/22	FY20/21	FY19/20	FY18/19	23 vs 22 %
July	56.3	67.0	105.8	68.2	78.6	-16%
August	67.9	31.3	81.1	103.8	79.3	117%
September	57.8	41.7	16.1	115.0	60.5	39%
October	54.0	28.2	7.7	103.4	74.5	92%
November	30.0	0.0	0.6	102.8	0.0	
December	0.0	0.0	0.0	0.0	0.0	-
January	0.0	0.0	0.0	0.0	0.0	-
FYTD Total	266.0	168.1	211.3	493.0	292.9	58%

Recycled Water Production* - in Million Gallons - FY to Date

Month	FY22/23	FY21/22	FY20/21	FY19/20	FY18/19	23 vs 22 %
July	43.1	42.9	39.0	36.5	30.2	0%
August	41.6	41.4	43.2	33.3	30.6	1%
September	29.2	39.6	29.5	29.7	33.5	-26%
October	24.7	18.3	22.8	26.6	20.1	35%
November	5.1	0.8	10.9	10.8	12.7	526%
December	0.3	0.3	0.2	0.5	1.5	-1%
January	0.4	0.8	0.3	0.6	0.9	-44%
FYTD Total*	144.5	144.2	145.9	138.1	129.4	0%

*Excludes potable water input to the RW system: FY23= 5.1MG FY22=10 MG; FY21=24.7 MG; FY20=16.7; FY19=20.0 MG; FY18= 18.1MG

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2. Regional and Local Water Supply

Lake Sonoma

	Current	2022
Lake Storage*	77,598 MG	49,565 MG
Supply Capacity	97 %	62 %

*Normal capacity = -245,000 AF (79,833.5 MG)

Lake Mendocino

	Current	2022
Lake Storage *	30,891 MG	13,962 MG
Supply Capacity	118 %	63 %

*Normal capacity = 70,000-110,000 AF (22,800-35,840MG)

3. Stafford Lake Data

	January Average	January 2023	January 2022
Rainfall this month	5.75 Inches	15.40 Inches	0.48 Inches
Rainfall this FY to date	15.67 Inches	26.48 Inches	16.18 Inches
Lake elevation*	188.3 Feet	195.5 Feet	190.9 Feet
Lake storage**	876 MG	1360 MG	1038 MG
Supply Capacity	96.1 %	99.8 %	97.4 %

* Spillway elevation is 196.0 feet

** Lake storage less 390 MG = quantity available for normal delivery

Temperature (in degrees)

	Minimum	Maximum	Average
January 2023 (Novato)	29	67	50
January 2022 (Novato)	41	87	65

4. Number of Services

January 31	Novato Water			Recycled Water			West Marin Water			Oceana Marin Swr		
	FY23	FY22	Incr %	FY23	FY22	Incr %	FY23	FY22	Incr %	FY23	FY22	Incr %
Total meters installed	20,963	20,827	0.7%	102	99	3.0%	800	799	0.1%	-	-	-
Total meters active	20,813	20,669	0.7%	100	96	4.2%	792	789	0.4%	-	-	-
Active dwelling units	24,097	24,099	0.0%	-	-	-	837	837	0.0%	235	235	0.0%

5. Oceana Marin Monthly Status Report (January)

Description	January 2023	January 2022
Effluent Flow Volume (MG)	1.371	0.610
Irrigation Field Discharge (MG)	0.868	0.666
Treatment Pond Freeboard (ft)	5.1	5.8
Storage Pond Freeboard (ft)	5.0	7.0

6. Developer Projects Status Report (December)

Job No.	Project	% Complete	% This month
1.2831.00	Landsea Homes	85	0
1.2836.00	Residence Inn	15	0
1.2841.00	Hamilton Village	85	0
1.2855.00	NSD Ignacio Plant	20	0
1.2858.00	North Bay Children's Center	20	0
1.2860.00	Habitat Redwood Blvd	9	0
1.2863.00	Hen House	20	15

District Projects Status Report - Const. Dept. (December)

Job No.	Project	% Complete	% This month
1.2836.00	Residence Inn	75	0
1.2863.00	Hen House	10	10
1.7204.00	Loop Dead End Mains – Office to Yard	90	0

Employee Hours to Date, FY 22/23

As of Pay Period Ending January 31, 2023
 Percent of Fiscal Year Passed = 58%

Developer Projects				District Projects			
	Actual	Budget	% YTD Budget		Actual	Budget	% YTD Budget
Construction	1,230	1,400	88%	Construction	2,030	3,988	51%
Engineering	615	2,290	27%	Engineering	2,950	4,323	68%

7. Safety/Liability

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Industrial Injury with Lost Time				Liability Claims Paid	
Lost Days	OH Cost of Lost Days (\$)	No. of Emp. Involved	No. of Incidents	Incurred (FYTD)	Paid (FYTD) (\$)
FY 23 through Jan	152	\$90,752	3	3	\$36,512
FY 22 through Jan	61	\$13,814	2	2	\$0
Days since lost time accident through January 31, 2023			96 Days		

* (1) Claim settlement for driveway and concrete repair due to water damage to a property on Bugeia Lane.

8. Energy Cost							
FYE		January			Fiscal Year-to-Date thru January		
		kWh	¢/kWh	Cost/Day	kWh	¢/kWh	Cost/Day
2023	Stafford TP	30,537	22.9¢	\$225	357,311	22.3¢	\$370
	Pumping	82,989	28.9¢	\$727	847,656	28.2¢	\$1,118
	Other ¹	31,657	32.9¢	\$316	238,631	32.2¢	\$359
		145,182	28.5¢	\$1,269	1,443,598	27.4¢	\$1,847
2022	Stafford TP	38,904	22.2¢	\$279	276,677	21.9¢	\$282
	Pumping	71,199	29.0¢	\$645	771,182	27.5¢	\$992
	Other ¹	38,017	29.3¢	\$349	293,117	30.8¢	\$422
		148,120	27.3¢	\$1,273	1,340,976	27.1¢	\$1,696
2021	Stafford TP	18,884	25.9¢	\$158	319,594	21.0¢	\$311
	Pumping	87,198	25.1¢	\$664	994,324	25.2¢	\$1,172
	Other ¹	61,342	22.3¢	\$420	348,715	27.4¢	\$447
		167,424	24.3¢	\$1,242	1,662,633	22.5¢	\$1,930
¹ Other includes West Marin Facilities							

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9. Water Conservation Update

	Month of January 2023	Fiscal Year to Date	Program Total to Date
High Efficiency Toilet (HET) Rebates	11	50	4,458
Retrofit Certificates Filed	9	53	6,754
Cash for Grass Rebates	1	33	1,049
Washing Machine Rebates	1	13	6,880
Water Smart Home Survey	0	8	3,916

10. Utility Performance Metric

SERVICE DISRUPTIONS (No. of Customers Impacted)	January 2023	January 2022	Fiscal Year to Date 2023	Fiscal Year to Date 2022
PLANNED				
Duration Between 0.5 and 4 hours	4	2	61	62
Duration Between 4 and 12 hours	11	0	11	17
Duration Greater than 12 hours	0	0	0	0
UNPLANNED				
Duration Between 0.5 and 4 hours	1	12	109	12
Duration Between 4 and 12 hours	0	0	74	0
Duration Greater than 12 hours	0	0	0	0
SERVICE LINES REPLACED				
Polybutylene	3	2	35	26
Copper Replaced or Repaired)	1	0	12	15

Planned

For the month of December, we had 15 planned service disruptions.

Plastic: We replaced 1 plastic service on Pastel Lane and 2 plastic service lines on 3rd St in West Marin.

Copper: We had 1 copper service leak on Armstrong Ave.

Valve Replacement: We replaced a 6" valve on Brookside Ct for a fire hydrant run.

Unplanned

For the month of January, we had 1 unplanned service disruption for the temporary repair of the plastic service line on 3rd St in West Marin.

JANUARY 2023

SB 23 (Caballero)

Streamlining Delivery of Critical Water Projects while Protecting the Environment to Meet Challenges of Climate Change

California is in a race against climate change. As the wets get wetter and dries get drier, our water systems must be prepared to ensure California can continue to thrive. Building water infrastructure for the 21st century requires regulatory frameworks to move quickly to keep up. SB 23 identifies opportunities to improve and streamline the regulatory permitting process, while preserving established environmental protections, so these critical infrastructure projects are built at the pace and scale needed to prepare for climate change.

The Challenge

While our weather patterns have always been variable, climate change has, and will continue to, exacerbate the weather whiplash that is intensifying both droughts and precipitation events. From 2020 to 2022, California experienced the driest three-year period on record. In 2023, this prolonged drought was met with a series of atmospheric rivers and a bomb cyclone that brought significant amounts of rain and snow, leading to widespread flooding, property damage, and evacuation orders for tens of thousands of residents.

While the need for water supply and flood protection infrastructure is evident, getting these critical, timely projects approved and built can be a significant challenge. Even after the California Environmental Quality Act (CEQA) process is complete, the permitting process can be mired in delays caused by overlapping jurisdictions of state and federal agencies, confusion over what's required for a completed application, and state agency and project applicant staffing issues. As delays occur, costs increase, and depending on the size of the project, delays can ultimately cost water rate payers and taxpayers tens of millions of dollars. This regulatory gridlock can also lead to worse environmental outcomes and delay projects that will benefit the environment.

How SB 23 Can Help

SB 23 would streamline the regulatory permitting of water supply and flood risk reduction projects in four ways:

- 1 Reform the process by which an application for a Section 401 Water Quality Certification is deemed complete;
- 2 Require the review and approval of Section 401 Water Quality Certifications and Lake and Streambed Alteration Agreements to be completed within 180 days of submittal of a complete permit application;
- 3 Avoid duplicative planning efforts by allowing certain watershed management plans that are already developed and implemented to be used for mitigation required through Section 401 Water Quality Certifications; and
- 4 Allow project applicants to voluntarily contribute resources to state permitting agencies in order to provide agencies with additional resources to meet the permitting deadlines established in the bill.

SB 23 Answers Governor Newsom's Call To Action

In August 2022, Governor Gavin Newsom unveiled a set of actions for increasing and diversifying California's water supply. The "Water Supply Strategy: Adapting to a Hotter, Drier Future" calls for a modernization of the state's water system through major investments in infrastructure to create new sources of water supply. The plan also sets specific goals for increasing the amount of water that is stored above and below ground, recycled and reused, and making new water available for use by capturing stormwater and desalinating ocean water and salty water in groundwater basins.

The "Water Supply Strategy" identifies permitting delays as a problem that must be addressed and calls on the Legislature to streamline processes so projects can be planned, permitted, and built more quickly, while still protecting the environment.

SB 23 answers this call to action by proposing specific ideas for how California can streamline the regulatory permitting process for water supply and flood risk reduction projects without compromising environmental protection. This bill would set deadlines for processing applications for a multitude of projects, reduce duplicative planning efforts, broaden the use of existing streamlining tools, and provide permitting agencies with additional resources to meet the requirements of this bill.

Building 21st Century Infrastructure for a 21st Century Climate

Past investments in water storage have proven invaluable in managing extended periods of dry conditions. But we must recognize that new challenges require comprehensive, long-term solutions that will meet the needs of California's communities, economy, and environment through the 21st century. This means integrating modern infrastructure into multi-benefit water management approaches to improve water supply reliability and ecosystem resiliency.

SB 23 would streamline projects that utilize natural infrastructure, such as groundwater recharge to help achieve sustainable groundwater management. Regions of California, long dependent on imported water supplies, are making substantial investments in projects that will create new sources of supply. SB 23 will help accelerate recycled water, desalination, and stormwater capture projects so that these regions have access to a drought-proof sustainable supply of high-quality water.

Streamlining projects incentivizes investment in water projects. Infrastructure investments not only prepare California for a changing climate, they generate jobs and contribute to state and local economies through taxes and purchasing of products and services.

URGENCY FOR INFRASTRUCTURE



DROUGHT RESILIENCE

Water and land managers throughout California are facing steep challenges. The Sierra snowpack supplies about 30 percent of California's water storage, and climate scientists project by the 2040's the snowpack could disappear for years at a time. Prolonged droughts are straining our reservoirs and groundwater basins. The state needs more projects that capture, store, and recycle water amid declining opportunities for conservation and a rapidly changing climate.

FLOOD PROTECTION

Intensified atmospheric rivers can bring large accumulations of rain and snowfall causing severe flooding that disrupts travel and forces people to evacuate their homes. Warmer temperatures due to climate change increase the amount of precipitation that is possible, and late-season warmer, wetter storms can cause rapid melting of snowpack and the overwhelming of water and flood protection infrastructure. This year's storms illustrate the importance of widespread bolstering of flood risk reduction projects that protect life and property.



Enhancement of Stafford Dam safety and security with advanced instrumentation and monitoring

Request

\$1 million for the implementation of advanced dam safety and security monitoring instrumentation on North Marin Water District's Stafford Dam, the only local water supply, including vibrating wire piezometers, inclinometers, security cameras, and seismic sensing instrumentation.



The problem

The Novato Creek Dam (a.k.a. Stafford Dam) is classified by the California Department of Water Resources Division of Safety of Dams (DSOD) as an Extremely High Hazard Dam. This is due to the significant amount of the both residential and commercial development downstream of the dam in the Novato area that would suffer property damage and potentially loss of life if the dam or spillway were to fail catastrophically. The dam is listed as the Novato Creek Dam under the DSOD inventory as well as the National Inventory of Dams (DSOD Dam No. 88-0; National ID No. CA00321).

Stafford Dam, which was built in 1951 and modified (raised) in 1985, has consistently received the highest inspection rating of "Satisfactory" from the Division of Safety of Dams as part of an annual inspection program. The North Marin Water District's engineers and operators rely on manually obtained seepage data from an array of piezometers and drain outlet weirs as well as periodic physical monument surveys to evaluate the dam's overall stability and subsurface seepage management. In addition to below ground data needs, overall physical security can be enhanced with the use of cameras and related sensing instruments for detection of unwanted intrusions.

The opportunity

There is proven technology available to enhance the District's manual monitoring program for Stafford Dam. This includes vibrating wire piezometers to measure groundwater levels, inclinometers to measure displacement, flow meters to measure seepage flow, and seismic sensors to locally measure movement from earthquakes to allow real-time data management and analysis for dam safety. Use of strategically deployed cameras can provide supplemental data for physical surveillance of the dam infrastructure. This data can easily be integrated into the District's supervisory control and data acquisition (SCADA) system that includes existing dam operation control valves and related infrastructure.

The benefits of advanced monitoring

- Real-time data management in order to enhance overall dam safety.
- Use of proven technology to replace or supplement existing manually obtained data.
- Compliment and support existing Emergency Action Plan (EAP) for better response times and communications with emergency response partners.
- Provide reliable data for managing risk for short-term response as well as long-term capital improvement planning.



For additional information

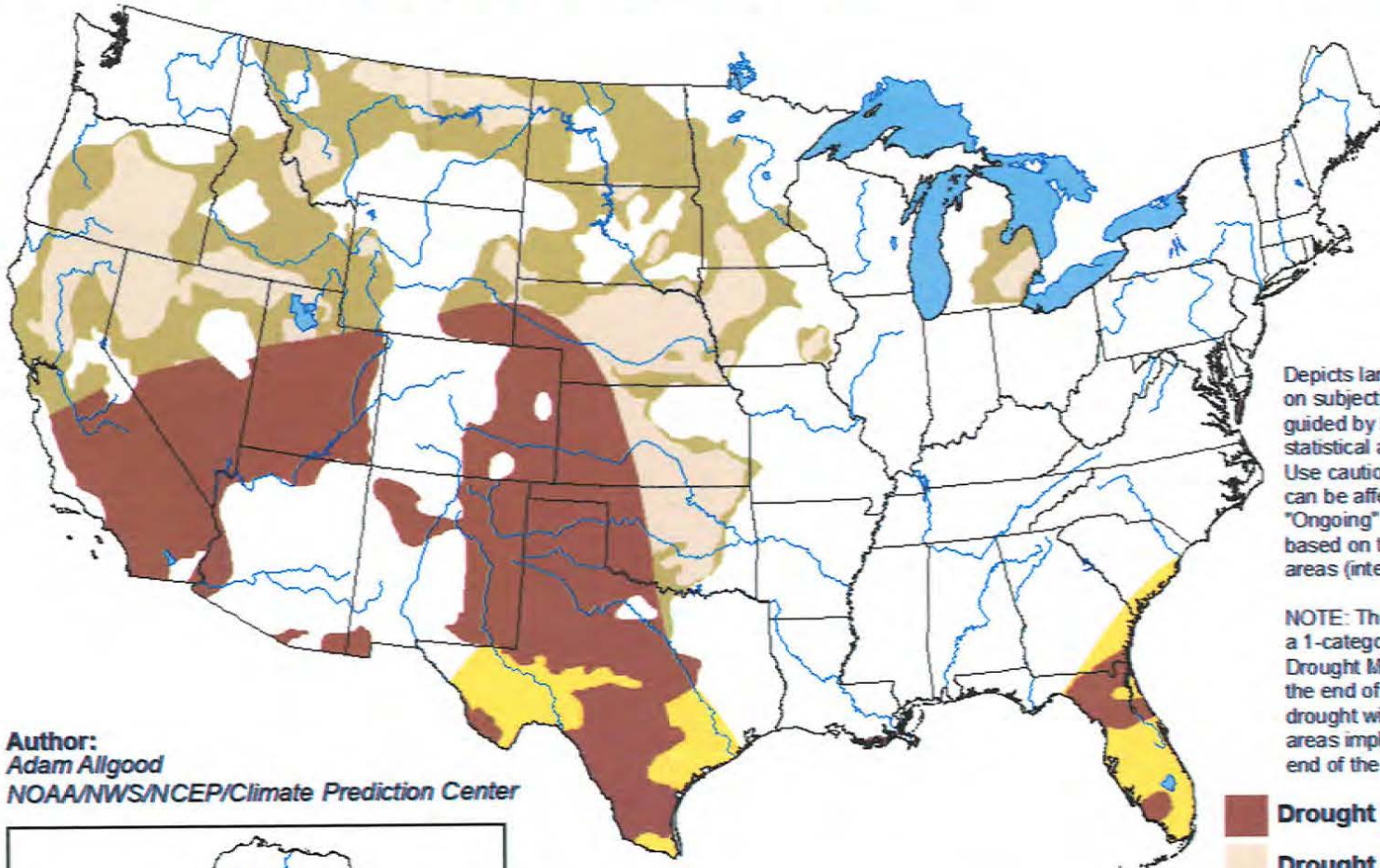
Scan the code or please contact Eric Miller at emiller@nmwd.com or 415-897-4133.



U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for February 16 - May 31, 2023
Released February 16

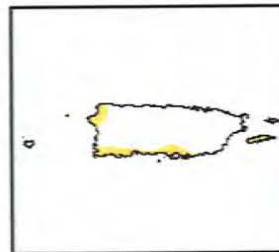
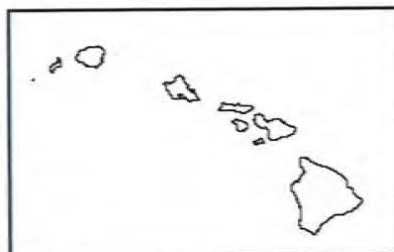
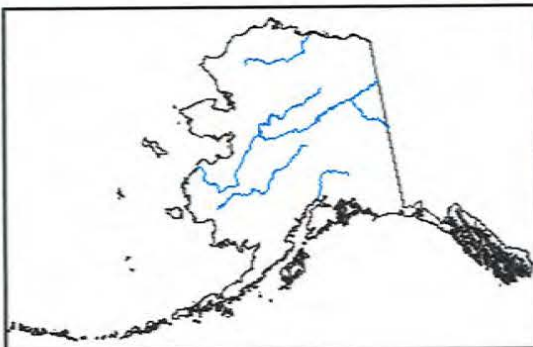


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

Author:
Adam Allgood
NOAA/NWS/NCEP/Climate Prediction Center

-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely



<http://go.usa.gov/3eZ73>

FACES DEFICIT

MMWD details plan for rate hike

Aimed at supply projects, upgrades, staff additions

BY WILL HOUSTON

WHOUSTON@MARINIJ.COM

The Marin Municipal Water District unveiled more details this week on a proposed overhaul of its water rates and fees meant to address looming budget deficits, add new water supplies, repair aging facilities and end a hiring freeze.

"Today we find ourselves at an inflection point," Ben Horenstein, the utility's general manager, said during the district board meeting on Tuesday.

While the district's rate study is ongoing, a preliminary proposal presented on Tuesday shows the district could increase bimonthly water bills by \$18 for lower water users and as much as \$88 for higher water consumers.

The district is also proposing to change its water rate tiers, which determine how much customers can use before they get bumped into higher rates. About 80% of the district's customers fall into the tier with the lowest rates, Tier 1, while only a few percent are in Tier 3, the highest.

"We're giving our lowest cost water to 80% of the users, which really limits the effectiveness of the pricing signal and frankly limits the impact of our tier system overall," Bret Uppendahl, the district finance director, told the board. Additionally, the district is considering ending seasonal tier rates, which increase the amount of water customers can use during the summer months — when use is highest because of irrigation — before they get placed into higher tiers.

If adopted, the rate changes would take effect on July 1.

The proposal is likely to cause a stir among some ratepayers who have voiced concerns in the past that they are being punished with higher bills despite conserving water.

"The more that we consumers do what the district wants us to do, the more the district will do to hurt us," Larkspur resident James Holmes told the board on Tuesday. "Until the district finds a way to escape from that cruel conundrum, the less confidence in the district we ratepayers will have and the less appealing that conservation policies will be."

The rate hikes and changes are being considered in the face of several challenges facing the water district.

Financial forecasts show the district faces about a \$31 million budget deficit at the end of the next fiscal year that would continue growing each year without changes to the rate structure.

The district attributes the deficit to the loss of water sales revenue because of customer conservation efforts in recent drought years; the purchase of more imported water from Sonoma County to preserve local reservoir supplies; and inflationary pressures driving up construction and material costs.

The issue was compounded by the fact that the district did not have drought rates during the recent drought, which could have allowed the agency to charge higher rates to limit the financial strains.

Uppendahl told the board that the district has been able to cover these financial impacts using its reserve funds, but that this approach is unsustainable. Reserves have dipped from \$63.1 million in 2021 to about \$28.1 million. Uppendahl said the district must now begin to replenish the reserves to be able to respond to emergencies and droughts.

The recent drought, which almost caused the district to deplete local reservoir supplies last year, has prompted the agency to begin adding new sources of water. The agency is also looking to address a backlog of maintenance on its supply system.

All told, the revenue losses, inflation impacts and projected costs or investments in projects are estimated to range from \$26 million to \$42 million per year, according to the district.

Uppendahl told the board that the new rate structure is meant to pivot away from the agency's past approach toward rate increases, which included "large swings," unpredictability and several years of rates remaining flat.

The district's rates have increased by an average of 4% per year for the past 30 years, slightly higher than the average annual inflation rate of 3% during that time, Uppendahl said. By contrast, a survey by the American Water Works Association, a nonprofit organization, found that average annual rate increases among California water agencies were about 10% from 1998 to 2018.

The Marin district's rate changes have been inconsistent in recent decades. Uppendahl said that since 1992, the district had 16 years where rates held flat and had three years when rates spiked by 10%. In 1993, rates were actually reduced by about 25% and were held flat for 11 of the 14 proceeding years, Uppendahl said.

"Operationally what we have been doing has been unsustainable in a changing climate," board member Matt Samson said Tuesday.

Past rate structures and a reduction in water use by customers through the years have resulted in a rate structure that has increasingly relied on revenues from fixed fees, Uppendahl said. The fees, which are used to fund infrastructure repairs, maintenance of the watershed, fire prevention and other uses, are charged to customers regardless of how much water they use.

For single-family residential customers, the percentage that fixed fees make up on their bill charges has increased from about 34% in 2015 to about 62% from 2019 onward, according to district staff.

On average, ratepayers in single-family homes pay about \$138 on their bimonthly water bills, according to Uppendahl.

Employees of the district called on the district board on Tuesday to end a hiring freeze that they said is limiting their ability to do their jobs.

Longtime park ranger Matt Cerkel said the ranger staff has dwindled from 13 to six positions during his tenure. At the same time, he said, visitation has increased substantially, especially in recent years. Five of the six rangers are over 50 years old. Cerkel said the district is not prepared for the coming turnover and loss of institutional knowledge.

"These days it's not uncommon with vacations and training and sick leave and other forms for only one ranger to be on duty to patrol the watershed for extended periods," Cerkel told the board. "This includes 20,000 acres, 200 miles of roads and trails and seven reservoirs."

Eric Ettlinger, a district ecologist, said the hiring freeze prevented the district from hiring temporary staff positions to perform mandated surveys of endangered coho salmon juveniles last summer.

"Despite my best efforts we were not able to finish the survey and the data we did collect frankly was poor quality," Ettlinger told the board. "Adequate staffing is required if we are to continue to produce the high-quality work that regulators and our customers have come to expect."

The district is planning to hold three public workshops in the coming week to discuss the proposed rate increases. One is set for 6 to 8 p.m. Monday at the Corte Madera Community Center at 498 Tamalpais Drive, and another for 6 to 8 p.m. Wednesday at the Albert J. Boro Community Center at 50 Canal St. in San Rafael.

A teleconference is set for 6 to 8 p.m. Thursday via Zoom. Viewers can access the forum with webinar ID 863 0742 2347 or by calling 669-900-6833.

More information on the rate proposals and meetings can be found at marinwater.org/2023RateSetting.

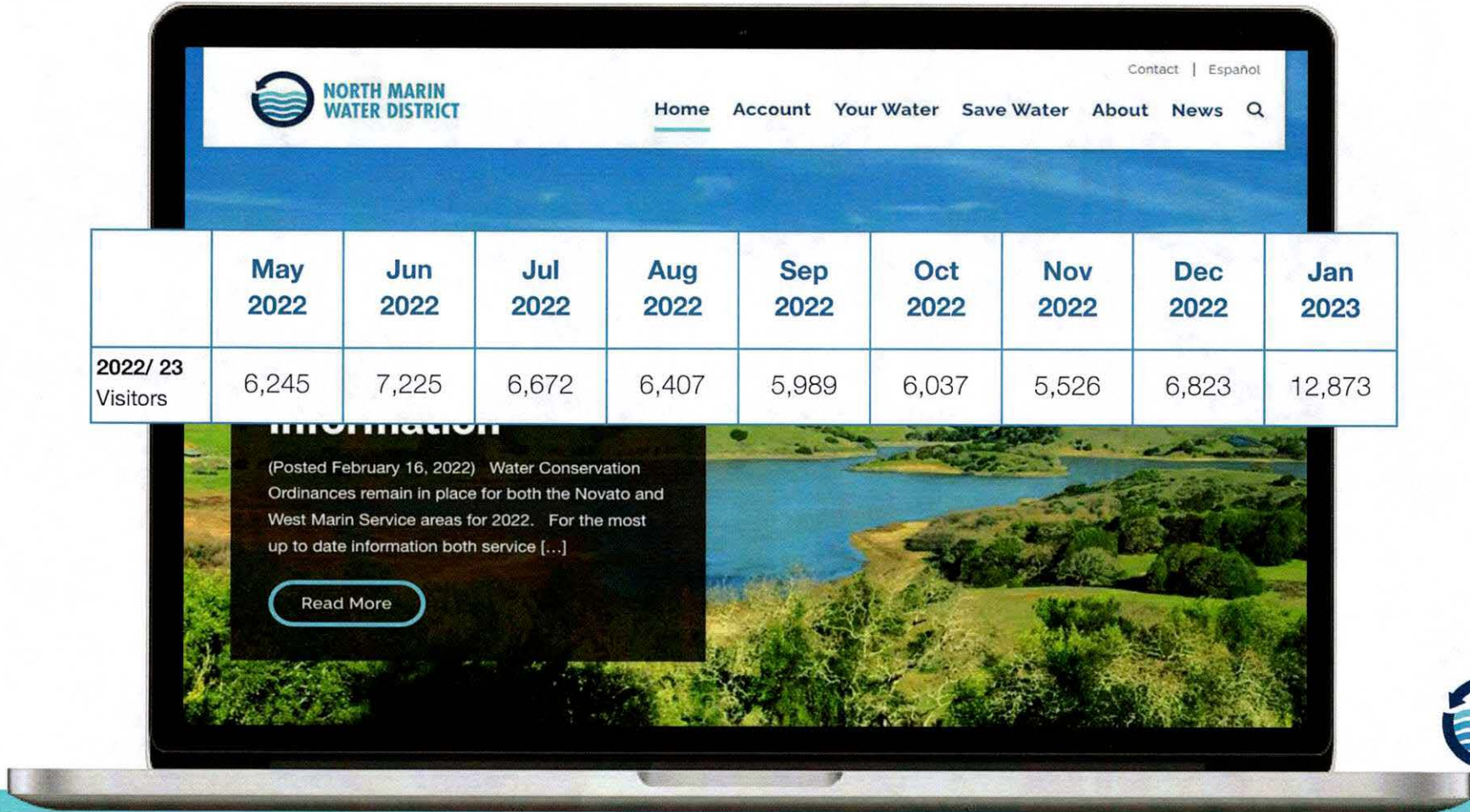


**NORTH MARIN
WATER DISTRICT**


Web & Social Media Report

January 2023

Website Statistics



Social Media Followers

	May-2022	Jun-2022	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022	Jan-2023
 Facebook Followers	1,695	1,760	1,838	1,904	1,964	2,005	2,042	2,095	2,172
 Twitter Followers	72	76	77	77	75	74	71	76	110
 Instagram Followers	656	670	679	689	693	709	722	735	748



NMWD Most Visited Pages

Pages	Unique Pageviews	% of Total
Home	6,490	30.83%
Weather & Production Statistics	5,281	25.09%
Online Billing	2,107	10.58%
My Water Usage	981	4.82%
Novato Water	561	2.49%
Stafford Lake	427	1.92%
Stafford Lake is Full	398	1.70%
Drought is Here. Save Water.	331	1.45%
What Is An Acre Foot?	288	1.20%





January Social Media Highlights | Facebook



395 people reached | 30 engagements



395 people reached | 9 engagements

Engagements include likes, reactions, clicks and comments





January Social Media Highlights | Facebook

 **North Marin Water District**
Published by Hootsuite · 5 January at 17:35 · 🌐


Check out our current employment opportunity at North Marin Water District as a Receptionist/Consumer Service Assistant! Visit <https://nmwd.com/careers/employment-opportunities/> for more information.



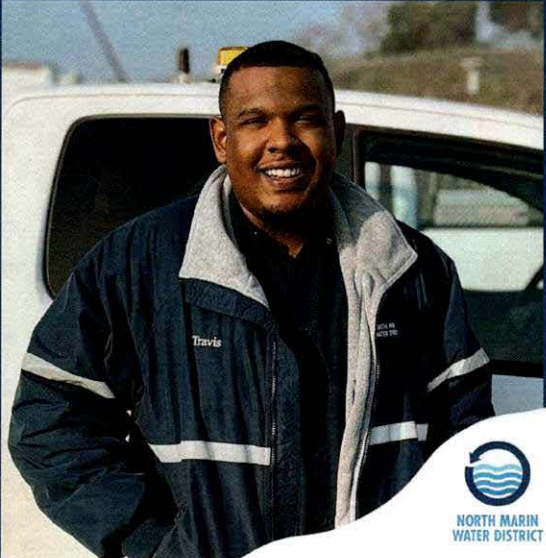
We're Hiring!



NORTH MARIN
WATER DISTRICT

260 people reached | 26 engagements

 **North Marin Water District**
Published by Hootsuite · 6 January at 22:00 · 🌐

Travis Lawrence just celebrated his first anniversary at the North Marin Water District as a Field Service Representative. We appreciate everything you do! #waterindustry #waterprofessionals




NORTH MARIN
WATER DISTRICT

469 people reached | 43 engagements

Engagements include likes, reactions, clicks and comments






January Social Media Highlights | Facebook

 **North Marin Water District**
Published by Camille Milliner · 12 January at 18:04 · 🌐



Stafford Lake is full and the spillway is flowing for the first time in 4 years. While this is great news for our local supply, we are still keeping a close eye on the water supply levels in Lake Sonoma in the Russian River watershed. Keep in mind we are still in a state-mandated "Stage 2" water conservation order and Emergency Conservation Ordinance No. 41 is still in effect.
[#drought](#) [#savewater](#) [#rain](#)



386 people reached | 90 engagements

 **North Marin Water District**
Published by Hootsuite · 14 January at 02:00 · 🌐

Customers are welcome and encouraged to attend North Marin Water District's virtual board meeting next Tuesday. See the agenda for how to join by phone or Zoom: nmwd.com/meetings



NORTH MARIN WATER DISTRICT

352 people reached | 11 engagements

Engagements include likes, reactions, clicks and comments







January Social Media Highlights | Facebook

North Marin Water District
Published by Hootsuite · 18 January at 00:01 · 🌐

Whether you water by hand or have an automatic system, let's all commit to turning off outdoor irrigation until Spring to save water. #savewater #drought



Turn off your irrigation to SAVE WATER




NORTH MARIN WATER DISTRICT


123 people reached | 6 engagements

North Marin Water District
Published by Hootsuite · 19 January at 00:00 · 🌐

In the winter season, a great way to save water is by capturing rain water for reuse. There are many premade rain catchment systems as well as DIY options available. Once you collect the rain you can save it to reuse during irrigation season. Did you know that NMWD offers a rebate? #savewater #drought



Capture rain to SAVE WATER



NORTH MARIN WATER DISTRICT

123 people reached | 5 engagements

Engagements include likes, reactions, clicks and comments





January Social Media Highlights | Facebook

North Marin Water District
Published by Hootsuite · 23 January at 17:16 ·

North Marin Water District will begin its annual water main flushing program starting late January 2023. This is a standard practice to ensure there is no degradation in water quality and to maintain an adequate chlorine residual (disinfectant) which helps prevent any bacterial growth in the pipelines. Customers may temporarily experience low water pressure or a slight, but harmless color in their water when the flushing is conducted in their neighborhood. This is an annual p... [See more](#)



201 people reached | 53 engagements

North Marin Water District
Published by Hootsuite · 24 January at 19:45 ·

If you ever hear your toilet flushing without anyone around, a toilet flapper leak is to blame. Even worse are silent toilet leaks like fill valves that don't shut off. So, if you are suddenly paying more for your water bill, be sure to check your toilets. Even small toilet leaks can add up and waste thousands of gallons a month. Take advantage of water-saving devices and rebates available by visiting SavingWaterPartnership.org #savewater #drought



105 people reached | 1 engagement

Engagements include likes, reactions, clicks and comments

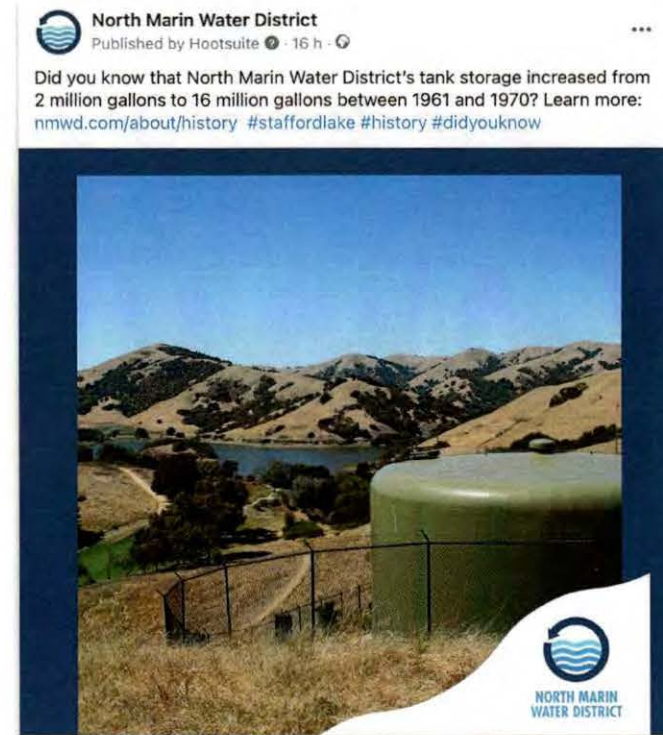




January Social Media Highlights | Facebook



177 people reached | 14 engagements



189 people reached | 11 engagements

Engagements include likes, reactions, clicks and comments





January Social Media Highlights | Twitter



North Marin Water District @NorthMarinWater · Jan 1 ...
Happy New Year! We wish all our customers and team a healthy, safe and joyful new year.



North Marin Water District @NorthMarinWater · Jan 5 ...
Today we are celebrating Jessica Nommsen a chemist in our water quality lab, for 15 great years at North Marin Water District! [#waterindustry](#) [#waterprofessionals](#) [#15years](#)





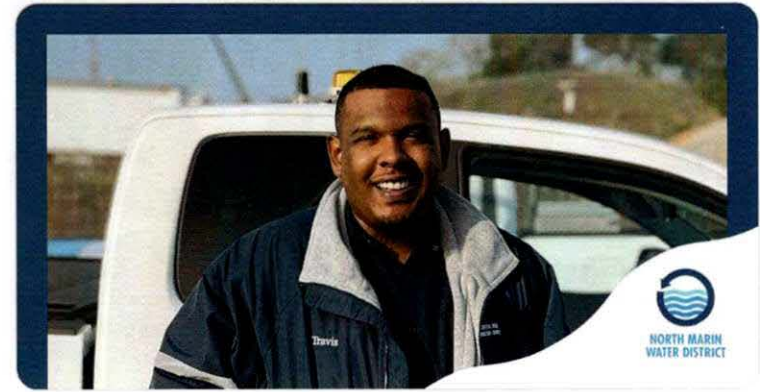
January Social Media Highlights | Twitter



North Marin Water District @NorthMarinWater · Jan 5 ...
Check out our current employment opportunity at North Marin Water District as a Receptionist/Consumer Service Assistant! Visit nmwd.com/careers/employ... for more information.



North Marin Water District @NorthMarinWater · Jan 6 ...
Travis Lawrence just celebrated his first anniversary at the North Marin Water District as a Field Service Representative. We appreciate everything you do! [#waterindustry](#) [#waterprofessionals](#)





January Social Media Highlights | Twitter



North Marin Water District @NorthMarinWater · Jan 12 ...
Stafford Lake is full and the spillway is flowing for the first time in 4 years. Keep in mind we are still in a state-mandated "Stage 2" water conservation order and Emergency Conservation Ordinance No. 41 is still in effect. #drought #savewater #rain



North Marin Water District @NorthMarinWater · Jan 14 ...
Customers are welcome and encouraged to attend North Marin Water District's virtual board meeting next Tuesday. See the agenda for how to join by phone or Zoom: nmwd.com/meetings

Board of Directors Meeting

Tuesday, January 17th
6:00pm





January Social Media Highlights | Twitter



North Marin Water District @NorthMarinWater · Jan 18 ...
Whether you water by hand or have an automatic system, let's all commit to turning off outdoor irrigation until Spring to save water. #savewater #drought



Turn off your irrigation to
SAVE WATER



North Marin Water District @NorthMarinWater · Jan 19 ...
A great way to save water is by capturing rain water for reuse. There are many premade rain catchment systems and DIY options available. Once you collect the rain you can save it to reuse during irrigation season. Did you know that NMWD offers a rebate? #savewater #drought



Capture rain to
SAVE WATER





January Social Media Highlights | Twitter



North Marin Water District @NorthMarinWater · Jan 23 ...
NMWD will begin its annual water main flushing program in late January 2023. We have specific routes and use isolation valves to maximize results using the least amount of water. Flushing is performed in the winter months when there is a sufficient water supply for the task.



North Marin Water District @NorthMarinWater · Jan 24 ...
If you ever hear your toilet flushing without anyone around, a toilet flapper leak is to blame. So, if you are suddenly paying more for your water bill, check your toilets. Water-saving devices and rebates are available by visiting SavingWaterPartnership.org #savewater #drought





January Social Media Highlights | Twitter



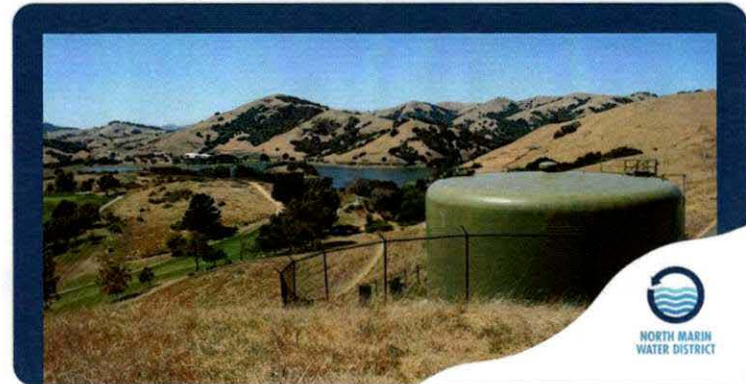
North Marin Water District @NorthMarinWater · Jan 27

Our drought tolerant plant of the month is the *Arctostaphylos* species, otherwise known as the Manzanita. It grows in all forms and sizes from late winter to early spring. Plant information and photo provided by Home Ground Habitat Nursery. #plants #droughttolerant #savewater



North Marin Water District @NorthMarinWater · 17h

Did you know that North Marin Water District's tank storage increased from 2 million gallons to 16 million gallons between 1961 and 1970? Learn more: nmwd.com/about/history #staffordlake #history #didyouknow





January Social Media Highlights | Instagram



10 likes



5 likes





January Social Media Highlights | Instagram



5 likes

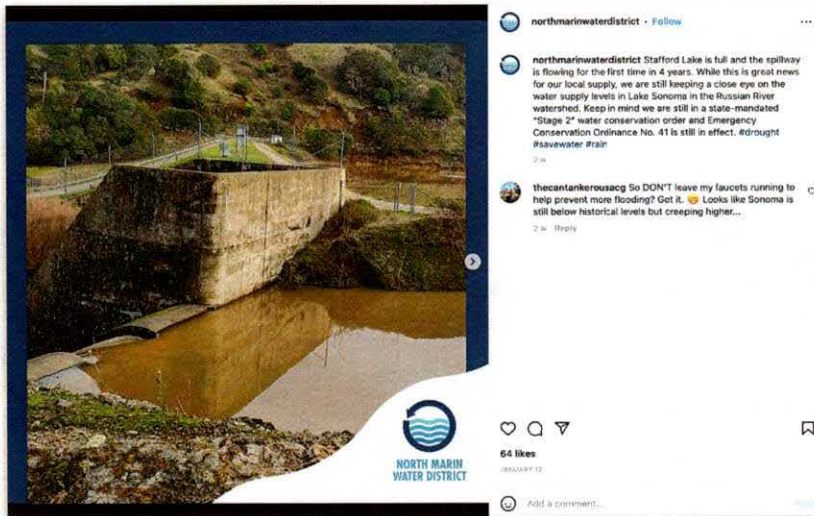


12 likes





January Social Media Highlights | Instagram



64 likes



3 likes





January Social Media Highlights | Instagram



4 likes



9 likes





January Social Media Highlights | Instagram



16 likes



4 likes





January Social Media Highlights | Instagram



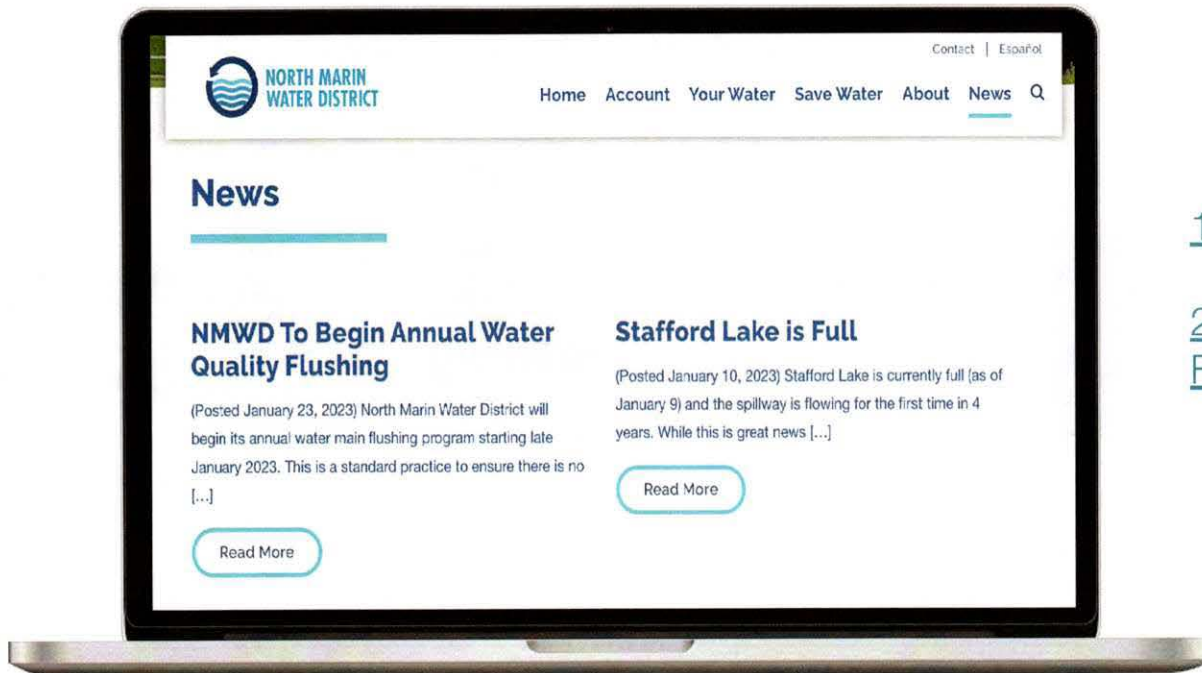
7 likes



9 likes



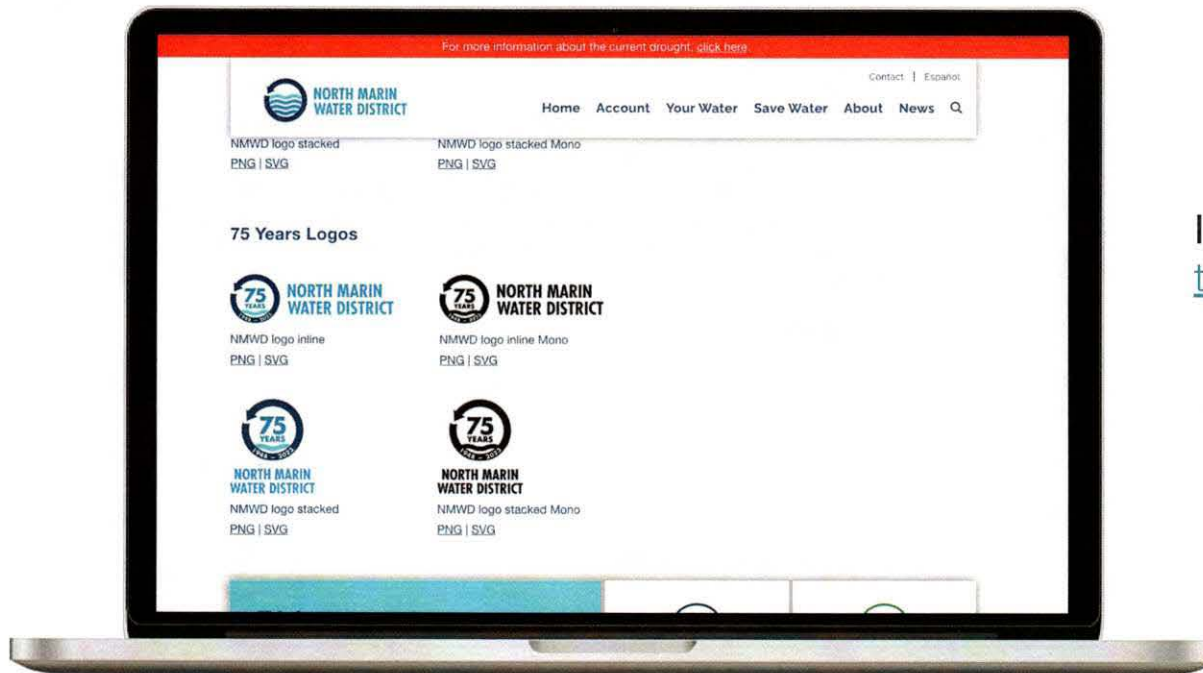
News Stories - January



1) Stafford Lake is Full

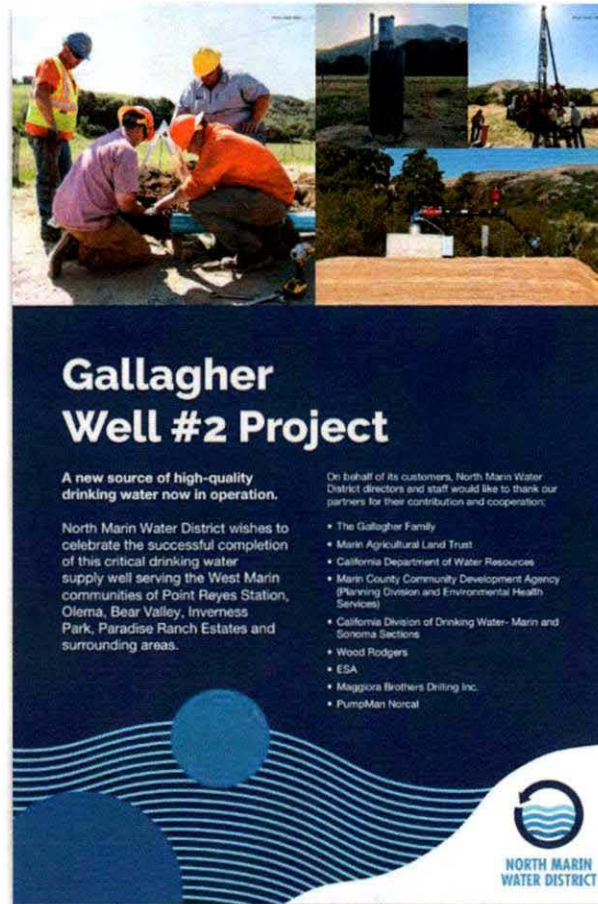
2) NMWD To Begin Annual Water Quality Flushing

New Brand Files



In January, we added the [75 Years Logo](#) to the Brand Files section of the Website

New Gallagher Well #2 Poster



We created a large poster board with bulleted information about the new Gallagher Well # 2 project. The board was used as a visual aid at the public reception event in Point Reyes Station.

Outdoor QR Code Flyer



Water Smart Gardening Resource Center

Create a water efficient outdoor space with our curated tips and resources.

Find information on:

- Book a Water Smart Home Survey
- Water Efficient Landscape Ideas
- Rebates & Incentives
- Fire-Smart Landscaping

Scan the QR code or visit nmwd.com/outdoors



Water Conservation Rebates

North Marin Water District is working hard to preserve and protect our most essential resource – water! Save money and water with these rebates.

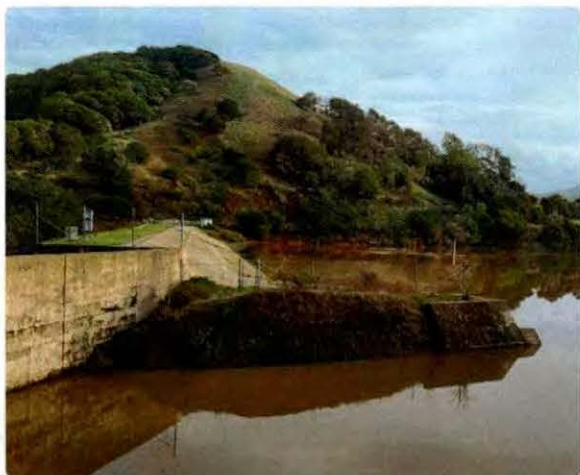
- Cash-For-Grass Turf Replacement Incentive**
Earn cash back for pre-approved projects that replace irrigated lawns with low-water use landscaping.
- Landscape Efficiency Rebate**
Rebates available for water-efficient landscape equipment, such as a new drip irrigation system replacing a spray system, or a rain shut-off device.
- Pool Cover Rebate**
Rebates available for installing a new solar or safety pool cover with non-netter material only.
- Rainwater Catchment Rebate**
Rebates available for collection and storage of rainwater.
- Weather-Based Irrigation Controller Rebate**
Rebate for controllers that use weather data and site information to automatically adjust watering times and frequency.
- Greywater Rebate**
Rebate available for installation of qualified greywater systems.

Call 415-761-8944 for program participation details or visit nmwd.com/rebates

We created a new Water Conservation flyer that signposts customers to our online water smart gardening resources and rebates.

The flyer includes a QR code that quicklinks to NMWD.com/outdoors

Stafford Dam Fact Sheet



Enhancement of Stafford Dam safety and security with advanced instrumentation and monitoring

Request and security

\$1 million for the implementation of advanced dam safety monitoring instrumentation on North Marin Water District's Stafford Dam, the only local water supply, including vibrating wire piezometers, inclinometers, security cameras, and seismic sensing instrumentation.



The problem

The Novato Creek Dam (a.k.a. Stafford Dam) is classified by the California Department of Water Resources Division of Safety of Dams (DSOD) as an Extremely High Hazard Dam. This is due to the significant amount of the both residential and commercial development downstream of the dam in the Novato area that would suffer property damage and potentially loss of life if the dam or spillway were to fail catastrophically. The dam is listed as the Novato Creek Dam under the DSOD Inventory as well as the National Inventory of Dams (DSOD Dam No. 88-0; National ID No. CA00321).

Stafford Dam, which was built in 1951 and modified (raised) in 1985, has consistently received the highest inspection rating of "Satisfactory" from the Division of Safety of Dams as part of an annual inspection program. The North Marin Water District's engineers and operators rely on manually obtained seepage data from an array of piezometers and drain outlet weirs as well as periodic physical monument surveys to evaluate the dam's overall stability and subsurface seepage management. In addition to below ground data needs, overall physical security can be enhanced with the use of cameras and related sensing instruments for detection of unwanted intrusions.

The opportunity

There is proven technology available to enhance the District's manual monitoring program for Stafford Dam. This includes vibrating wire piezometers to measure groundwater levels, inclinometers to measure displacement, flow meters to measure seepage flow, and seismic sensors to locally measure movement from earthquakes to allow real-time data management and analysis for dam safety. Use of strategically deployed cameras can provide supplemental data for physical surveillance of the dam infrastructure. This data can easily be integrated into the District's supervisory control and data acquisition (SCADA) system that includes existing dam operation control valves and related infrastructure.

The benefits of advanced monitoring

- Real-time data management in order to enhance overall dam safety.
- Use of proven technology to replace or supplement existing manually obtained data.
- Compliment and support existing Emergency Action Plans (EAP) for better response times and communications with emergency response partners.
- Provide reliable data for managing risk for short-term response as well as long-term capital improvement planning.



For additional information
Scan the code or please contact Eric Miller at
emiller@nmwd.com or 415-887-4133.

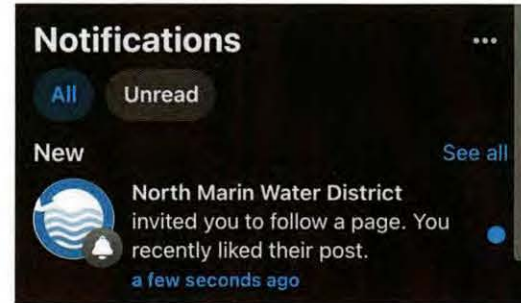


Kiosk worked with staff to 'brand up' a fact sheet about the Stafford Dam.

Facebook Likes Campaign - January Report



We are running an evergreen ad which encourages customers in the NMWD service areas to 'like' (follow) the NMWD Facebook page.



Spend in January 2023	Reach (Number of people who saw the ad)	Impressions	Results (New Page Likes)	Cost Per New Page Like
\$49.19	4,812	9,591	77	\$0.63

*This month, we were able to reach over **4,812** people with the Likes Campaign*



What's Next?

- Continuation of social media Winter posts providing tips and information to NMWD customers
- Continuation of social posts to highlight employees on their work anniversaries
- Kiosk to finalize a new /Indoors water conservation page and set it live
- Kiosk will finalize the Annual Report
- Kiosk to design a new vinyl poster banner for the yard to reflect 75 years
- Kiosk will help with the Novato City Guide ad copy and graphics



Thank You